

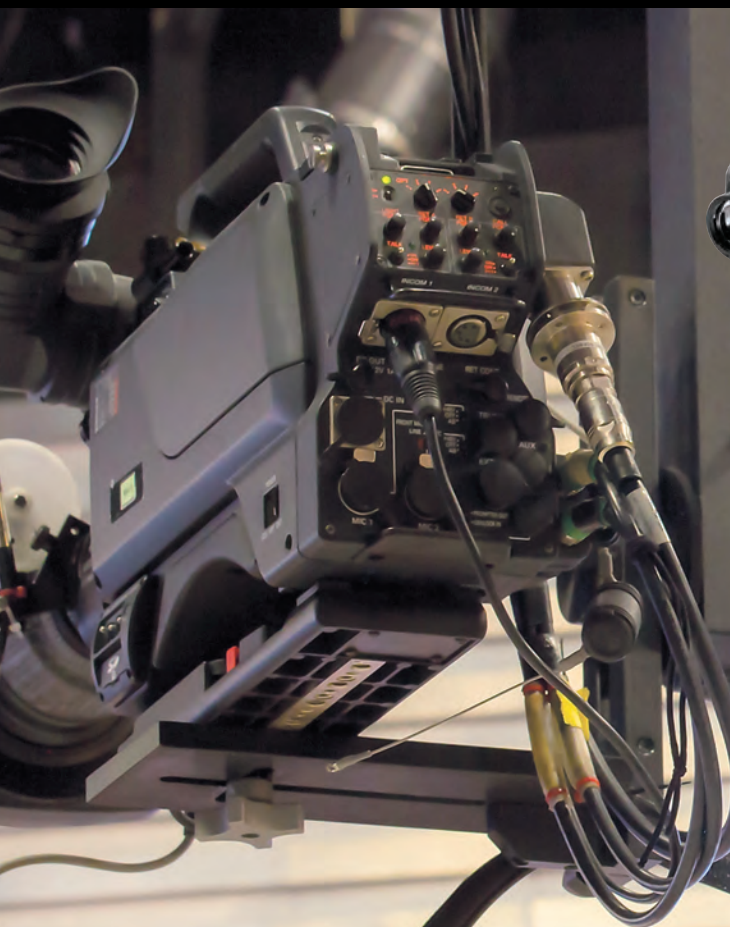


Broadcast Supply Specialists™

Connected Media IP Catalog

NEW FROM NAB!

BROADCAST • WORSHIP • EDUCATION • LIVE EVENT • PRO-AUDIO



NEW Camcorders



URSA Ultra HD
with SMPTE
Back Option!

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Blackmagicdesign

NEW NINJA V



ATOMOS

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4Kp60
Monitor &
Recorder!



NEW SMPTE!



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Industry's Largest SMPTE Selection!

CABLEPLEX®

SHURE



Axient Digital
Quadiversity Wireless
Systems!

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NEW IP SFP

embrionix

ST-2022-6
& ST-2110
Ready
SFPs!



Page 3

NEW MIXERS

The All New
SE-2850
12-Channel
Digital Video
Mixer!

Page 50

datavideo



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800-522-2025

www.markertek.com

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Broadcast Supply Specialists™

JOIN THE IP REVOLUTION!

Markertek is **THE** most important supplier in the broadcast industry. Our massive selection of interface and integration solutions is second-to-none for broadcasting, digital media, IPTV, post-production, education, worship, military, government, live events, virtual and augmented reality. We have all of the newest and most exciting solutions to help you process everything that is reshaping the new reality of media. Don't forget about our custom capabilities for non-standard applications! We are fast and easy to work with.

No Supplier Puts it all Together Like Markertek!

We Do More.

Meet Jim!
President of
Markertek, Jim
Veltre, helped start
Markertek in 1987.

Research & Develop!
Listen & Problem Solve!
Customize & Repair!



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Markertek is ready to serve you with a Sales Engineer dedicated to delivering the **best** experience you have ever had from a supplier. Benefit from this personalized one-on-one service by getting the right products & advice tailored to your specific needs.

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- ✓ Broadcast
- ✓ Live Event
- ✓ Corporate
- ✓ Sports Video
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Markertek Custom Metal, Fiber & Cable Shops



**We'll deliver your project
on time and on budget!**

Our in-house custom shops utilize the very best polishing, stripping, laser engraving and metalworking equipment to quickly turn your imagination into reality. By using the latest testing & QC equipment, we ensure that each custom job meets the highest standards of workmanship. Our precision craftsmanship is guaranteed to meet your specifications and exceed your expectations.

You Think of It. We Build It.

Markertek is a sustaining member of the following key industry organizations.



infocomm

NAMM

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Luminex
NETWORK INTELLIGENCE

**Setup a Pro AV Network
Without any IT Knowledge!**

- **Tailored for AV industry:** Pre-configured settings that are common in the AV industry, such as QoS and IGMP snooping.
- **Easy set-up:** Easy group function with pre-configured VLAN's for a quick set-up (without IT knowledge).
- **12, 14R, 16Xt are Touring approved:** Metal housing and ruggedized Ethercon connectors, ideal for touring and live events. **26i is Ideal for fixed installations:** Designed for fixed installations in buildings, theaters, cruise ships, theme parks
- **Converged networking:** Transfer multiple protocols (Dante™, RAVENNA/AES67, ArtNet, MANet 1&2, sACN, Q-LAN
- **Ultimate link redundancy:** RlinkX redundancy protocol automatically takes over signal in milliseconds in case of a link failure.



Luminex
NETWORK INTELLIGENCE

**Luminex GigaCore 12 Rackmount
Touring 12-Port EtherCON
Gigabit Ethernet Switch**

The GigaCore 12 is a managed Gigabit Ethernet switch designed to setup professional lighting and AV networks, but in a truly user friendly way. The unit offers 12 Gigabit ports on shielded Neutrik Ethercon ports, making the product a hard environment friendly device. All configurations are done through the industry oriented web interface.

Focus on being creative again. Stop wasting time on programming your network or spending money on IT consultants to do it for you. With Luminex GigaCore switches and only some basic AV knowledge, you can do it all by yourself in just the blink of an eye. Now you can finally focus on your core business as an AV technician or designer: "being creative"!

Free software included LumiNet Monitor is a free software pack that will increase the comfort of working with Luminex equipment and together with the easy-to-use web interface for GigaCore's, it adds high value to your project monitoring and preparation.

LUM-GC-12 • GigaCore 12-Port EtherCON Switch.....**Your Price \$2100.00**

LUM-GC-12POE • GigaCore 12-Port POE EtherCON Switch.....**Your Price \$2790.00**



Luminex
NETWORK INTELLIGENCE

**Luminex GigaCore 26i Install 24-Port &
6-SFP Port Gigabit Ethernet Switch**

The Luminex GigaCore 26i is a Gigabit Ethernet switch providing a budget friendly solution when port density matters. The unit comes with all the advanced functionalities of the GigaCore Ethernet switches range, in a fully AV-installation oriented package. The unit offers 26 Gigabit ports that are all connected on the front panel. Each port on the switch will have coloured mode led indications which will indicate different properties of the port such as: PoE, redundancy and group membership.

Same technology, different applications The GigaCore 26i has considerably more ports than all its predecessors in the GigaCore range. This high port density switch (24x RJ45 and 6x SFP) is designed to offer more capacity for large system integrations such as theaters, concert halls, convention centers, sports arenas, studios, cruise ships, theme parks, hotels, houses of worship and other fixed installations.

LUM-GC-26i • GigaCore 24-Port & 6-SFP Port Switch**Your Price \$3680.00**

LUM-GC-26iPOE • GigaCore 24-Port & 6-SFP Port POE Switch **Your Price \$4850.00**



Luminex
NETWORK INTELLIGENCE

**Luminex GigaCore 14R Rackmount
Touring 12-Port EtherCON & 2-SFP
Port Gigabit Ethernet Switch**

The GigaCore 14R is a Gigabit Ethernet switch designed to cope with the most demanding lighting and AV installations. Managed through a web interface, the device offers a user friendly experience with an industry specific oriented interface. Fitted with two SFP cages, the switch can support any compliant fiber transceiver, breaking the limit of copper cable run. Two power backup ports at the rear of the unit makes the switch a reliable Gigabit core for your network. The GigaCore 14R comes with a bunch of industry oriented feature, providing a user friendly solution and lowering down setup time.

When distance matters: Fiber to the rescue The Luminex GigaCore 14R provides users with two SFP cages for Fiber connectivity. Just connect a multimode or single mode Fiber transceiver to each cage and it will enable you to cover greater distances with a total link immunity up to 10km!

Optional: Redundant Power Supply Unit (RPSU) Connect the GigaCore 14R to a GigaCore RPSU for ultimate redundancy, even on power level (and PoE). If for some reason the built-in power supply fails, the RPSU keeps your system up and running.

LUM-GC-14R • 12-Port EtherCON & 2-SFP Port Switch**Your Price \$3100.00**

LUM-GC-14RPOE • 12-Port EtherCON & 2-SFP Port POE Switch ... **Your Price \$3780.00**



Luminex
NETWORK INTELLIGENCE

**Luminex GigaCore 16Xt Touring
12-Port EtherCON & 4-SFP Port
Gigabit Ethernet Switch**

The Luminex GigaCore 16Xt is a Gigabit Ethernet switch designed to cope with the most demanding lighting and AV installations. Managed through an intuitive web interface, the unit can also be configured from the front end display, making this switch a hassle-free solution for your everyday job. Four SFP cages also offer users to create complex network topologies over fiber link, such as mesh or ring. Additional available options makes the GigaCore 16Xt one of the most secured system of the industry.

Free software included LumiNet Monitor is a free software pack that will increase the comfort of working with Luminex equipment and together with the easy-to-use web interface for GigaCore's, it adds high value to your project monitoring and preparation.

LUM-GC-16XT • 12-Port EtherCON & 4-SFP Port Switch**Your Price \$4290.00**

LUM-GC-16XTPOE • 12-Port EtherCON & 4-SFP Port POE Switch **Your Price \$4980.00**

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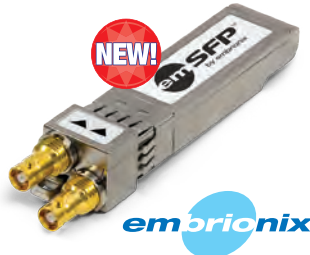
Meet Adam!
Corporate Sales
Engineer since 2010

IP Host SFPs for use in Commercial Switches & Routers (COTS such as Cisco, Arista, Mellanox, etc.)

Embrionix HD-BNC Encapsulator/ Sender SFP Module

- HD-BNC Encapsulator / 2x Sender
- Installed in 10GE IP COTS Switches Only
- SFP Only (no software installed)
- Order Required "E" (emOPT-1E & emOPT-2E) Software Options below (up to 4)

EB22HDRT-LM-0514 • \$529.00



Embrionix HD-BNC De-Encapsulator/ Receiver SFP Module

- HD-BNC De-Capsulator / 2x Receiver
- Installed in 10GE IP COTS Switches Only
- SFP Only (no software installed)
- Only "D" Software Options sold with this

EB22HDRT-LM-0516 • \$529.00



Embrionix HDMI De-Encapsulator/ Receiver SFP Module

- HDMI-D De-Capsulator / 1x Receiver
- Installed in 10GE IP COTS Switches Only
- SFP Only (no software installed)
- Order Required "1D" Software Options below

EB22TDRT-SM-0520 • \$450.00



IP Encapsulation / Sender Software Options (Software only - order SFP separately above)

		Price
EMOPT-1E-2022-6	2022-6 Single Channel	\$419.00
EMOPT-2E-2022-6	2022-6 Dual Channel	\$769.00
EMOPT-1E-2022-7	2022-7 Hitless Redundancy Support (Single channel)	\$450.00
EMOPT-2E-2022-7	2022-7 Hitless Redundancy Support (Dual channel)	\$1059.00
EMOPT-1E-2110	2110 Single Channel	\$589.00
EMOPT-2E-2110	2110 Dual Channel	\$1058.82
EMOPT-2E-ASI	DVB-ASI Dual Channel	\$709.00

MSA Type Channels Connector Direction Format

SFP- - -

MS = MSA 1 B = HD-BNC S = Send 2022-6
NM = Non-MSA 2 H = HDMI R = Receive 2022-7
2110
ASI

*Example: Model #SFPMS-1BS-2022-6

MSA SFP Single Channel HD-BNC Sender with 2022-6 Software Installed

IP De-Encapsulation / Receiver Software Options (Software only - order SFP separately above)

		Price
EMOPT-1D-2022-6	2022-6 Single Channel	\$419.00
EMOPT-2D-2022-6	2022-6 Dual Channel	\$769.00
EMOPT-1D-2022-7	2022-7 Hitless Redundancy Support (Single channel)	\$450.00
EMOPT-1D-2110	2110 Single channel	\$589.00

Sender HD-BNC SFPs with IP Encapsulation Installed - MSA 10G IP Host

		Price
SFPMS-1BS-2022-6	EB22HDRT-LM-0514 Single Channel Sender with emOPT-1E-2022-6 Installed	\$949.00
SFPMS-1BS-2110	EB22HDRT-LM-0514 Single Channel Sender with emOPT-1E-2110 Installed	\$1059.00
SFPMS-2BS-2022-6	EB22HDRT-LM-0514 Dual Channel Sender with emOPT-2E-2022-6 Installed	\$1299.00
SFPMS-1BS-2022-7	EB22HDRT-LM-0514 Dual Channel Sender with emOPT-1E-2022-7 Installed	\$1059.00
SFPMS-2BS-2022-7	EB22HDRT-LM-0514 Dual Channel Sender with emOPT-2E-2022-7 Installed	\$1589.00
SFPMS-2BS-2110	EB22HDRT-LM-0514 Dual Channel Sender with emOPT-2E-2110 Installed	\$1589.00
SFPMS-2BS-ASI	EB22HDRT-LM-0514 Dual Channel Sender with emOPT-2E-ASI Installed	\$1239.00

Receiver SFPs with IP De-Encapsulation Installed - MSA 10G IP Host

		Price
SFPMS-1BR-2022-6	EB22HDRT-LM-0516 emSFP HD-BNC Single Channel Receiver with emOPT-1D-2022-6 Installed	\$949.00
SFPMS-1BR-2022-7	EB22HDRT-LM-0516 emSFP HD-BNC Single Channel Receiver with emOPT-1D-2022-7 Installed	\$1059.00
SFPMS-1BR-2110	EB22HDRT-LM-0516 emSFP HD-BNC Single Channel Receiver with emOPT-1D-2110 Installed	\$1119.00
SFPMS-2BR-2110	EB22HDRT-LM-0516 emSFP HD-BNC Dual Channel Receiver with emOPT-2D-2110 Installed	\$1589.00
SFPMS-2BR-2022-6	EB22HDRT-LM-0516 emSFP HD-BNC Dual Channel Receiver with emOPT-2D-2022-6 Installed	\$1299.00
SFPMS-1HR-2022-6	EB22TDRT-SM-0520-02 emSFP HDMI-D Single Channel Receiver with emOPT-1D-2022-6 Installed	\$1125.00
SFPMS-1HR-2022-7	EB22TDRT-SM-0520-02 emSFP HDMI-D Single Channel Receiver with emOPT-1D-2022-7 Installed	\$1239.00
SFPMS-1HR-2110	EB22TDRT-SM-0520-02 emSFP HDMI-D Single Channel Receiver with emOPT-1D-2110 Installed	\$1295.00



Adder Infinity Dual 2020 KVM Switch

- An IP-based high performance KVM receiver that forms part of the ALIF matrix solution allowing you to locate your critical computing hardware.



- Perfect digital video, real time control: Using a spatially-lossless encoding system, with 1:1 pixel mapping, ADDER Link Infinity provides pixel perfect and color accurate video with no artifacts. The digital video you receive is the same as the digital video leaving the remote computer.

- SFP based unit allows you to use CAT5 or Fiber

- Unlimited extension distances: Extension distance is not limited to a single 100 meter cable length - If you need to extend further, simply add a 1GbE network device to achieve an additional 100 meters.

ADR-ALIF2020T-US • Dual Transmitter • Reg \$1425.00 Your Price \$1353.75

ADR-ALIF2020R-US • Dual Receiver • Reg \$1425.00 Your Price \$1353.75

ADR-ALIF1002T-US • Single Transmitter • Reg \$1325.00 Your Price \$1258.75

ADR-ALIF1002R-US • Single Receiver • Reg \$1325.00 Your Price \$1258.75



AdderView DDX USB Fanless Small Form Factor DVI - USB - Audio Digital KVM Extender

Unlike many other digital KVM solutions, the DDX delivers every pixel of every video frame to ensure perfect digital video all the time. Resolutions up to 1920 x 1200 at 60Hz are supported, including 1080p. Uncompressed video technology ensures ultra-low latency and a perfect "at-the-computer" experience.

- Video up to 1920 x 1200 • USB2.0 (HID) • Lossless HD video in real-time
- Microphone input, headphone output and line out
- USB-powered computer module • Plug and play
- Hardware compatibility: All computers with DVI or DisplayPort video, and USB
- USB 2.0: Supports USB2.0 devices (low, full speed) HID devices only

ADR-DDX-USB • Reg \$525.00 Your Price \$472.50

Adder Single Node - Point to Point or KVM Matrix over IP Switcher - HDMI - USB 2.0 Audio with PSU

- Uses IP technology over standard CATx network cable • Point-to-point, switching, sharing or small matrix operation
- Local USB and video feed through ports
- PoE models are powered by PoE or an optional external PSU



- USB2.0 (low & full speed) for keyboard, mouse, tablet and touch screen • Analog audio with headphone support

ADR-XDIP-PSU • Reg \$589.00 Your Price \$530.00

Adder Link XD522 DisplayPort - USB - Audio to 150m

- DisplayPort and thunderbolt display resolutions

- Single CATx cable: Video, USB 2.0 (HID-only) and audio all pass along a single cable.

- Up to 150 meter extension distances: Distance is dependent on the monitor resolution, number of monitors, cable type and the number of connection breaks for patch panels and wall plates.



ADR-XD522DPPAIRU • Reg \$1795.00 Your Price \$1615.50

KVM EXTENDERS

Black Box KVM Extender - DVI-D USB 2.0 Single-Access CATx

- Link up to 330 feet (100 m) using only one CAT5 cable

- Full HD resolution. 1920 x 1200 at 24-bit color depth

- Provides USB 2.0 support for all device types

- True EDID read mode

- No compression, no delay of video data • Easy setup, no adjustments

- Supports all major operating systems

- Uses a single, solid core CAT5 (or better) cable for desktop extension, simplifying installation. Solid-core CAT6 is recommended for best performance

- Servers, computers, software, and any other sensitive hardware can be kept in a secure location where maintenance can be performed easily

BBX-ACU1500A-R3 • Reg \$1179.07 Your Price \$1098.95



NTI HDMI USB KVM Extender Via One CATx to 300 Feet

The XTENDEX® HDMI USB KVM Extender provides remote KVM (USB



keyboard, USB mouse and HDMI monitor) access to a USB computer up to 300 feet over CAT5/6/7 cable. Each ST-C6USBH-300 consists of a local unit that connects to a computer, and a remote unit that connects to a keyboard, monitor and mouse. The local and remote units are interconnected via CAT5/6/7 cable.



NETT-STC6USBH300 • Your Price \$555.00



StarTech USB VGA KVM Console Extender over CAT5 UTP 500 Feet

This USB VGA KVM Console Extender lets you control a server, computer or multiple computers (connected through KVM Switch) over a standard Cat5 or Cat6 UTP network cable connection, at distances of up to 500ft away.

StarTech.com

Hard-to-find made easy

- PS/2 and USB host PC's supported via the appropriate PS2 or USB KVM cable (USB style included) Can be used with a single computer or connected to an existing KVM switch

- Easy installation using industry-standard UTP network cable

- Supports most combo keyboard and mouse sets (including Wireless)

- Supports auto-switching between host and remote users or dedicated control

ST-SV565UTPU • Reg \$242.99 Your Price \$219.99

Gefen DVI KVM over IP w/ Local DVI Output



- Extends DVI, USB, RS-232, and stereo analog audio over IP, using a Gigabit Local Area Network



- Supports resolutions up to 1080p Full HD and 1920 x 1200 (WUXGA) • Supports a local DVI monitor at Sender side

- Supports 4 USB devices at Receiver side, with 500mA current capability per port, USB 2.0 data rates up to 480 Mbps, and backward-compatibility with USB 1.1

- Supports a total of just over 65,000 Sender and Receiver units, depending on the network bandwidth and number of ports on your network switch

GEF-DVIKVM-LANLR • Receiver Unit Package..... Your Price \$348.00

GEF-DVIKVM-LANLT • Sender Unit Package..... Your Price \$299.00

SDI CONVERTERS

**NEW FROM
NAB 2018**

markertek®

Blackmagic Design Mini Converter - Optical Fiber 12G



Blackmagicdesign

- The Mini Converter Optical Fiber 12G by BlackMagic Design converts SDI to optical fiber and optical fiber to SDI in both directions at the same time, you can even have different video standards going in each direction!
- The 12G-SDI connections are multi rate, which makes it compatible with all SD, HD and Ultra HD formats and equipment up to 2160p60, including Level A and B devices.

- You can install any standard 3G, 6G or 12G-SDI SFP optical fiber module so you can send SDI using the same low cost optical fiber cables that are commonly used for computer networks.

BMD-OPTCLFIBR12G • Your Price \$155.00

Blackmagic Design Mini Converter - UpDownCross HD

- The BlackMagic Design Mini Converter UpDownCross HD is a full standards converter that lets you convert any SD or HD video format to any other SD or HD video format!
- You get both SDI and HDMI inputs and outputs, along with reference input for built in re-sync, high quality Teranex conversion algorithms, automatic audio delay for perfect AV sync, international power supply and more!



Blackmagicdesign

BMD-UPDOWNCROSHD • Your Price \$155.00

Blackmagic 3G HD-SDI to Analog with Audio Mini Converter



Blackmagicdesign

- 3G HD-SDI to Analog YUV/S-Video/Composite with D/Conv & AES/Analog Audio
- Everything you need to convert from SDI to analog in HD/SD component, NTSC and PAL video, plus balanced AES/EBU and analog audio
- Easily connect equipment such as Betacam SP, VHS, and analog video monitors to SDI based equipment
- Auto Switching SD and HD
- Supports NTSC, PAL, 1080i/59.94, 1080i/50, 1080psf/23.98, 1080psf/24, 720p/59.94 and 720p/50 formats

- Redundant SDI Input • Built in AES/EBU or Analog Audio

BMD-CONVMSA • Reg. \$195.00 Your Price \$195.00

Blackmagic Analog to 3G HD-SDI Mini Converter

- Accepts an HD/SD component, NTSC, PAL, or S-video signal and converts it to an SDI output
- Embeds SDI audio from balanced AES/EBU or analog audio inputs
- SDI Video Output - Automatically matches the SD and HD video input
- 2 channels of professional balanced analog audio with standard 1/4 inch jack connections
- Component SD/HD, NTSC, PAL and S-Video
- AES/EBU Digital Audio • Multi Rate Support • Reclocking

BMD-CONVMAS • Reg. \$195.00 Your Price \$195.00

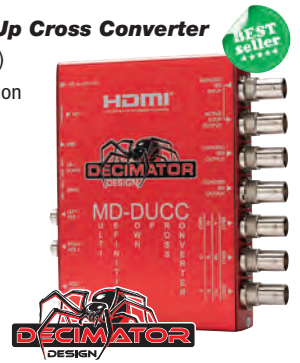


Blackmagicdesign

Decimator Multi-Definition Down Up Cross Converter

- Auto detects 3G, HD or SD (26 Formats in total)
- Full 10-bit data path and multipoint interpolation
- Professional motion-adaptive de-interlacing
- True Down Up Cross conversion, allowing the conversion between any of the supported formats.
- Complete 16:9, 14:9 and 4:3 Aspect ratio conversion support, with individual selection for HD to HD, HD to SD, SD to HD and SD to SD conversions

DEC-MD-DUCC • Your Price \$445.00



AJA UDC Up/Down/Cross Mini-Converter

- HD-SDI/SDI to DVI-D
- HDMI 1.3a support (via DVI-D connector), including: - Deep Color 30-bit video (24-bit also supported) - 2 or 8 channels of embedded audio
- Automatically adapts to popular LCD/ DLP/ Plasma monitors (and projectors) up to 1920x1200 and 1080p
- High quality scaling engine for proper display of 4:3 or 16:9 content-even better quality than original HDP

AJA-UDC • Your Price \$695.00



Theatritx XVV-SDI2HDMI xVision SDI to HDMI Video Converter

- Reclocked and amplified SDI Loop Thru
- Integrated power supply with locking PowerCON connector. Never rely on a cluster of wall-warts again.
- Built-in convenience 120V outlet to power nearby projector, TV, laptop, small video projector. Power bar to power both the converter and device not required anymore.
- Magnetic stacking system and non-skid rubber pad. Saves at least 10 gaffer tape rolls a year.
- Multiple mounting options: C-Clamp, wall-mount adapter, LCD mount adapter and belt adaptor.
- Rugged, Tour-ready and aesthetic enclosure: The sexiest widget in your tool box, that will keep looking good for years to come.

TTX-XVV-SDI2HDMI • Reg \$660.00 Your Price \$495.00

**theatritx
technologies**



Blackmagic Design Mini Converter UpDownCross

The Blackmagic Design Mini Converter - UpDownCross is designed for easy conversion between SD and HD video formats and features a 4-field standard converter.

- Up / Down / Cross Conversions
- NTSC / PAL Outputs
- Converts 720p to 1080i or Vice-Versa
- Auto SD/HD Switching
- Advanced 3 GB/S SDI Technology
- Uses 10 Bit SDI Video Quality • Low SDI Jitter

BMD-CONVMUDC • Reg. \$295.00 Your Price \$295.00



Blackmagicdesign

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

AJA SMPTE ST 2110 IP Video/Audio to HDMI Converter

- SMPTE 2110 audio, video receiver
- Rugged, fanless design
- 1x 10GigE SFP+ cage for media LAN [with status light]
- 1x 1GigE RJ45 socket for control LAN [with status light]
- Dedicated HDMI receiver with full size HDMI 1.4b video port
- Support for 1080p up to 60p, YCbCr 4:2:2
- Full 10-bit pixel processing pipeline
- Embedded HDMI audio output (up to eight channels)
- 2x RCA analog audio output
- 1x mini-USB port for initial network configuration with AJA eMini-Setup software
- Complete control interface on any web browser from a built-in webserver
- Customizable control with AJA REST API
- 5-year international warranty and support

AJA
VIDEO SYSTEMS**AJA-IPT-1G-HDMI • Your Price \$995.00****AJA HDMI Video and Audio to JPEG 2000 Converter**

- HTTP/1.1 • Web and REST clients supported
- 1x USB 2.0 Mini-B connector
- AJA eMini-Setup software setup of network parameters
- Full size HDMI 1.4 video input
- 1x RJ-45 (IEC 60603-7) for 10/100/1000Base-T Ethernet media output
- Essence support: VSF TR-01 and other JPEG 2000 MPEG-2 workflows
- Rugged, fanless, portable design • Full 10-bit pixel processing pipeline
- Network (LAN) control and status • Quick network setup with AJA eMini-Setup software

AJA
VIDEO SYSTEMS**AJA-IPT-1G-HDMI • Your Price \$995.00****AJA 3G-SDI Video and Audio to JPEG 2000 Converter**

- 1 x 3G-SDI BNC input with 4:2:2 10-bits/pixel
- 1 x 3G-SDI BNC loop throughout with 4:2:2 10-bits/pixel
- Essence support: VSF TR-01 and other JPEG 2000 MPEG-2 workflows
- Rugged, fanless design
- Audio input via embedded 3G-SDI or analog RCA (selectable)
- Full 10-bit pixel processing pipeline
- Network (LAN) control and status
- Quick network setup with AJA eMini-Setup software
- 1x RJ-45 (IEC 60603-7) for 10/100/1000 Base-T Ethernet control input
- HTTP/1.1 • Web and REST clients supported • 1x USB 2.0 Mini-B connector

AJA
VIDEO SYSTEMS**AJA-IPT-1G-SDI • Your Price \$995.00****AJA Hi5-4K-Plus 4K SDI to 4K HDMI v2.0 Converter**

- (18 Gbps 4K/UltraHD 50/59.94/60) Quad 3G & 1.5G/Dual Link 3G/3G-SDI
- 4 x 3G-SDI inputs
- Support for 4:2:2/4:4:4 HDMI 2.0 output
- HD conversion supported
- Embedded audio support
- Configure via USB port and supplied MiniConfig software
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)

AJA-HI5-4K-PLUS • Your Price \$595.00AJA
VIDEO SYSTEMS**AJA Hi5-Plus 3G-SDI / HDMI Mini-Converters**AJA
VIDEO SYSTEMS

- Bring HDMI and 3G-SDI devices together for a full range of monitoring and recording solutions in the edit suite, on set or at live events.
- Convenient USB setup using AJA MiniConfig on Mac or PC for easy remote configuration.
- Hi5-Plus is AJA's next generation SDI-to-HDMI Mini-Converter for integrating HDMI monitors into professional SDI workflows
- When used with a compatible HDMI monitor, Hi5-Plus outputs a 30-bit Deep Color RGB signal that allows for incredible color representation.
- The 3G-SDI input on Hi5-Plus allows extremely high-quality signal representation through to the HDMI output for use with RGB workflows where image quality is critical.

AJA-HI5-PLUS • 3G-SDI to HDMI Mini-Converter • Your Price \$395.00**AJA-HA5-PLUS • HDMI to 3G-SDI Mini-Converter • Your Price \$395.00****AJA ROI-HDMI HDMI to SDI with ROI Scaling**

- HDMI to SDI conversion
- Region of Interest scaling - Eliminate extra interface clutter and menu bars and extract only the portion of the computer screen you want.
- HDMI loop through
- Audio embedding - ROI accepts 2-channel audio from the 3.5mm analog audio input or embedded 8-channel audio from an HDMI input.
- Aspect ratio conversion - Simple menu controls let you quickly choose the proper output for any situation.
- Genlock input • Configure via USB port and supplied Mini-Config software

AJA-ROI-HDMI • Your Price \$995.00AJA
VIDEO SYSTEMSBEST
SELLER**AJA Hi5 HD-SDI/SDI / HDMI Video and Audio Converters**

- SDI/HD-SDI to HDMI • Full HDMI support including embedded audio
- Additional 2 Channel RCA jack audio output
- Equalized looping SDI/HD-SDI output
- HDMI cable included

BEST
SELLERAJA
VIDEO SYSTEMS**AJA-HI5 • Hi5 HD-SDI/SDI to HDMI • Your Price \$345.00****AJA-HA5 • HA5 HDMI to SDI/HD-SDI • Your Price \$345.00**

HDMI/SDI CONVERTERS

NEW FROM
NAB 2018

markertek®

Blackmagic Design Micro Converter BiDirectional SDI/HDMI

- Simultaneously convert SDI to HDMI and HDMI to SDI in any combination of SD and HD formats up to 1080p60 at the same time!
- Each conversion direction can be a different SD or HD video standard.
- The multi-rate 3G-SDI input and output connections are compatible with virtually all professional broadcast equipment, including Level A and B devices.
- It even automatically detects all SD and HD formats.



BMD-CONVBDCSDIHD • Your Price \$65.00

BMD-CONVBDCSDHDP • with power supply • Your Price \$75.00

Blackmagic Design BMD-CONVMIC/SH Micro Converters



- Full size HDMI and 3G-SDI connections for working with all SD and HD formats up to 1080p60
- Durable metal enclosure designed to be rugged enough to use anywhere
- Professional Blackmagic Design broadcast quality 10-bit video processing
- SDI re-clocking on 3G-SDI input to reduce SDI jitter and improve SDI eye pattern

BMD-CONVMICSHNP • SDI to HDMI • Your Price \$45.00

BMD-CONVMICHSNP • HDMI to SDI • Your Price \$39.00



Blackmagic Design BMD-BDLKWEBPTR Web Presenter

- Featuring 12G-SDI and HDMI connections, the Blackmagic Web Presenter will down convert any SD, HD and Ultra HD sources and make them look like a 720p USB webcam
- No drivers required, works with popular streaming software such as Open Broadcaster, XSplit Broadcaster, YouTube Live, Facebook Live, Periscope, Twitch.TV and more

Blackmagicdesign

- Supports all SD, HD and Ultra HD input sources up to 2160p60 • 12G-SDI input with 12G-SDI loop output

- 12G-SDI program output • HDMI 2.0 input with independent HDMI loop output
- HDMI video input re-sync for live switching • XLR balanced mic/line level audio input
- Consumer HiFi connections for 2 channels of audio input • Teranex quality down converter

BMD-BDLKWEBPTR • Reg. \$495.00 Your Price \$495.00

Blackmagic Design Micro Converters

- Super low cost SDI to HDMI & HDMI to SDI converters in a compact housing
- Full size HDMI and 3G-SDI connections for working with all SD and HD formats up to 1080p60
- Durable metal enclosure designed to be rugged enough to use anywhere
- Professional Blackmagic Design broadcast quality 10-bit video processing
- SDI re-clocking on 3G-SDI input to reduce SDI jitter and improve SDI eye pattern



BMD-CONVMIC-SH • Micro Converter - SDI to HDMI • Your Price \$59.00

BMD-CONVMIC-HS • Micro Converter - HDMI to SDI • Your Price \$55.00

Blackmagic Audio to SDI Mini Converter



The Blackmagic Design CONVMCAUDS includes everything you need to embed 4 channels of analog audio, or 8 channels of AES/EBU digital audio into any SDI video connection. Embed audio from devices such as audio mixers and analog decks into SDI video connections for use with SDI routers and decks or to add extra audio channels to video converters!

Blackmagicdesign

- SDI Input: SDI: Switchable between SD, HD and 3 Gb/s SDI, SDI Redundant: Automatically switches over if main SDI input is lost.

- Analog Audio: Analog Audio: 4 channels of professional balanced analog audio with standard 1/4 inch jack connections.
- AES/EBU: 8 channels of professional balanced digital with standard 1/4 inch jack connections.
- Sampling: 625/25 PAL, 525/29.97 NTSC, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080i50, 1080i59.94, 1080i60, 720p50, 720p59.94 and 720p60. • Sampling: 4:2:2.

BMD-CONVMCAUDS2 • Your Price \$195.00

Connectronics 1RU Universal Blackmagic Design Mini Converter Rackmount

- Mount up to 4 Blackmagic Mini Converters side-by-side in this universal 1RU rackmount



- Unique slide rail mount allows you to adjust each individual Blackmagic Mini Converter to either front or recessed position
- Order multiple BLACKRACK-1 and stack them for multiple Mini Converter rackmount requirements
- Made of high strength steel with durable powder coat finish for years of use
- Includes Mounting Hardware • Adjustable Rails for Flush or Recessed Mounting

BLACKRACK-1 • Reg. \$79.95 Your Price \$71.95

Connectronics 3RU High Density Universal Blackmagic Design Mini Converter Rackmount



Mount up to 10 Blackmagic Mini Converters side-by-side in this universal 3RU rackmount.

- Blackmagic Mini Converters attach with included thumb screws for quick and easy installation
- Rear extended mount plate for power supply(s), cable management and outlet strip mounting
- Made of aircraft aluminum for years of field use
- Includes Mounting Hardware
- Applications include News gathering, Sports production, Remote productions, Live events, and OB Trucks
- Extended Rear Mount Cable & Power Management Plate

BLACKSTACK-10RM • Reg. \$99.95 Your Price \$89.95

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!



Blackmagic Teranex Mini - SDI to Analog 12G



- Convert from 12G-SDI to Analog. Use SD, HD, 6G and 12G-SDI rates and convert to analog video output
- Built in down converter lets you connect Ultra HD sources to component video equipment in SD or HD
- Allows you to connect analog equipment including Betacam SP, VHS, and video monitors
- Multi Rate Support - Automatic switching between SD/HD/2K and 4K
- Updates and Configuration - USB or Ethernet • Re-Clocking - Yes
- 2 channels professional balanced analog audio via XLR connectors. Right XLR can be configured for timecode output
- 4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for timecode output

Blackmagicdesign

BMD-CTMBASDIAN • Your Price \$495.00

Blackmagic Design Teranex AV Standards Converter 12G-SDI & HDMI 2.0 I/O & Loop Through



- Teranex AV is specifically designed with new features for live events and professional AV installations, as well as broadcast and post production workflows
- You get 1,089 up, down, cross and standards conversions for all formats up to 2160p60, along with Teranex's patented algorithms and legendary image quality
- Ultra low latency, as low as 67 milliseconds
- HDMI 2.0a, 12G-SDI in, out and loop through connections
- XLR connections for 2 channels of balanced analog and 4 channels of AES/EBU audio input
- Consumer HiFi connections for 2 channels of audio input from devices like laptops and iPods
- Optical fiber cage for adding optional SMPTE compatible fiber optic SDI modules
- Internal still store and live freeze modes
- Patented Teranex processing for extremely high quality up, down, cross and standards conversions
- Retains all ancillary data such as timecode and subtitles
- 16 channels of frame accurate audio conversions and full audio channel remapping

Blackmagicdesign

BMD-TERANEX-AV • Your Price \$1695.00

Blackmagic Design Battery Converter SDI to HDMI



- Converts an SDI Input to an HDMI Output
- Also Features an SDI Loop-Through Output
- Allows Connection to HDMI Monitors
- Both the In and Outs Support 1080p60 HD
- Supports HDMI and SDI Embedded Audio
- Built-In Rechargeable Battery

Blackmagicdesign

- AC Power Supply Included • Features Battery Toggle Switch

BMD-CONVBATT-SH • Your Price \$295.00

Blackmagic Teranex Mini - Optical to HDMI 12G



- Convert from 12G optical fiber and 12G-SDI to HDMI
- Supports all video formats including SD, HD, 6G and 12G-SDI rates and includes down converter when working with Ultra HD as the HDMI monitor will select the best format it can support
- De-embed audio to balanced analog or AES/EBU formats and timecode output
- Perfect for using HDMI televisions as SDI broadcast monitors and for connecting to video projectors
- 2 channels professional balanced analog audio via XLR connectors. Right XLR can be configured for Timecode output
- 4 channels professional 110Ω balanced digital audio via XLR connectors. Right XLR can be configured for Timecode output

Blackmagicdesign

BMD-CTMMAOPH • Your Price \$495.00

Blackmagic Design Mini Converter - SDI to HDMI 6G



Blackmagicdesign

- The Mini Converter SDI to HDMI 6G makes it possible to convert SDI to HDMI in all formats up to 2160p30.
- The Mini Converter HDMI to SDI 6G mini converters make it possible to convert HDMI to SDI in all formats up to 2160p30.
- These models feature professional multi rate 6G-SDI and are compatible with all existing SDI broadcast equipment.
- They also feature HDMI along with analog and AES/EBU audio inputs or outputs, depending on the model.
- The HDMI to SDI 6G model can embed incoming audio signals into the SDI output from the HDMI, balanced analog or digital AES/EBU audio inputs.
- The SDI to HDMI 6G model also includes HDMI instant lock and 33 point 3D LUT support, which are new advanced features that were not available in previous models.

BMD-CONVMBSH4K6G • SDI to HDMI 6G • Your Price \$295.00

BMD-CONVMBHS24K6 • HDMI to SDI 6G • Your Price \$295.00

Blackmagic Teranex Mini - Smart Panel

The Teranex Mini's optional premium front panel includes straight forward push buttons and a built in LCD screen for easier set up. The LCD screen also displays the video going through each of your converters! The premium front panel is perfect when you're out in the field or on set without external monitors, or even when you have multiple converters mounted in equipment racks and just want to see what's going through them all!



Blackmagicdesign

BMD-CTMYASMTPN • Your Price \$85.00

Lynx Technik C HD 1802 HDMI to SDI Converter

The LYNX Technik C HD 1802 is a compact HDMI to SDI converter. It is an ideal solution for any application which requires a broadcast quality SDI signal derived from an external HDMI source. Any audio present in the HDMI stream will be embedded into the corresponding channels on the SDI output.

- Supports SD/HD/3G -SDI formats
- 3D support • 2 x SDI outputs
- Optional SDI fiber output • HDMI embedded audio passed transparently • HDMI present LED indication • yelloGUI compatible to access additional internal settings



LYNXTechnik AG®

LNK-C-HD-1802 • Your Price \$635.00

LYNX Yellobrik CHD 1812 HDMI to 3G SDI Converter with Frame Synchronizer & SFP Port



LYNXTechnik AG®

- SFP Module Slot for Fiber Input & Output
- Supports SD/HD/3G -SDI formats.
- 3D support • HDCP Compliant
- Integrated Frame Synchronizer
- Multi-format sync reference input - cross lock compatible
- 2 x SDI outputs with optional SDI fiber output

- HDMI embedded audio passed transparently • 2 x external analog audio inputs
- Professional balanced analog audio inputs or unbalanced line level audio inputs
- Selectable AES channel for embedding external audio
- HDMI, reference and audio present LED indication

LNK-CHD-1812 • Reg. \$820.00 Your Price \$779.00

LYNX Technik Yellobrik 3Gbit SDI to HDMI Converter - 3D Support



- Supports SDI video inputs up to 3Gbit/s (1080P)
- HDMI video output with embedded audio
- SFP Module Slot for Fiber Input & Output
- Supports single link 3D formats
- Automatic input standard and format detection

- Analog and AES audio outputs • Selectable Timecode burn in window
- Selectable Metadata indication • 16 channel on screen audio meters
- H/V delay to show blanking interval • Selectable safe area markers
- yelloGUI compatible: Gain access to additional features

LNK-CDH-1813 • Reg. \$735.00 Your Price \$698.25

Apantac HDMI to SDI Converter with Looping Input & Dual Output



APANTAC

- Converts HDMI to SDI with looping input and Dual output
- Built-in simple Multi-format Pattern Generator
- Compatible with Tahoma Multiviewers
- Compact design • Reclocking DA outputs
- Compatible for 3G/HD/SD-SDI
- Cable reach up to 120 meters for 3G, 140 meters for HD-SDI

APA-DA-HDTV-SDI • Reg. \$700.00 Your Price \$659.99

Decimator MD-LX HDMI/SDI Bi-Directional Converter for 3G/HD/SD



- Miniature and low-power HDMI/SDI bi-directional converter. The MD-LX is controlled either via USB on a Mac/Windows app.

- Auto Select (Active input to all outputs or if both inputs are active SDI to HDMI and HDMI to SDI)
- Low Power enabling operation from the USB
- USB provides for power, control and firmware upgrades
- This unit also includes a Power Supply and USB Cable

DEC-MD-LX • Your Price \$99.00

Decimator Design MD-CROSS V2 HDMI/SDI Cross Converter

- Support both 3G level A and B on the input and output. Allowing conversion between A and B.
- Horizontal and/or Vertical image flipping via the built in scaler.
- 4 x (3G/HD/SD)-SDI outputs, that allow it to be used as a 1 to 4 distribution amplifier. Output pair 1 can either be a copy of the SDI input (default) or the same as pair 2.



DEC-MD-CROSS • Your Price \$395.00

Decimator MD-HX HDMI/SDI Cross Converter with Scaling and Rate Conversion

- Robust Aluminium Case • Features 14 Modes
- Includes the same Down Up Cross Converter from our multi-award winning MD-DUCC, allowing either the HDMI or SDI input to be scaled and/or frame rate converted to the required standard.
- Includes 4 x (3G/HD/SD)-SDI outputs, that allow it to be used as a 1 to 4 distribution amplifier. Output pair 1 can either be a copy of the SDI input (default) or the same as pair 2.
- The audio pairs in the SDI and HDMI outputs can be rearranged as required.
- The MD-HX is a truly portable converter, that incorporates our new easy to use LCD and button control system.



DEC-MD-HX • Your Price \$295.00

Decimator 2 - Miniature (3G/HD/SD)-SDI to HDMI



- Auto detects 3G, HD or SD (26 Formats in total) and can handle switching of synchronous sources
- Simultaneous scaling on both the HDMI and Composite outputs with a maximum delay of 1 input frame
- HDMI output with optional full scaling and aspect ratio conversion
- Down-converted Composite output

- NTSC or PAL is selectable for 3G/HD inputs
- Low latency 3G/HD to SD Down-conversion with ARC (Aspect Ratio Conversion) of either: a) 16:9 to 16:9 Anamorphic b) 16:9 to 4:3 Letterbox c) 16:9 to 4:3 Centre Cut (Crop to 4:3)

DEC-DECIMATOR-2 • Your Price \$345.00



E2WORK 3G Nano Size SDI/HDMI Converters with Scaling Function

The E2W 3GCSH is the world's smallest SDI to HDMI Converter featuring a scalable HDMI output signal. The E2W 3GCHS is the world's smallest HDMI to SDI Converter featuring a scalable SDI output signal.

- Weight: .09 lb
- Operating temperature: -0°C to +50°C
- Dimensions: 2.5 x 1.18 x .55 Inches
- Power: DC +5V /1A
- Power Consumption: < 2.0Watts(Typ.)

E2W-3GCSH • SDI to HDMI Converter • Reg. \$318.00 **Your Price \$302.00**

E2W-3GCHS • HDMI to SDI Converter • Reg. \$318.00 **Your Price \$302.00**



Atomos Connect Sync Scale - SDI to SDI Up/Down Converter with GenLock

The Atomos ATOMCSYSS1 is a SDI to SDI converter with up/down SD/HD conversion, frame rate conversion, frame synchronizer built-in and external synchronization connections.

ATO-CNCT-CSYSS1 • **Your Price \$398.00**

Atomos Connect Convert - HDMI/SDI Converters

The Atomos ATOMCCVHS1 HDMI to SDI converter features full size 3G/HD/SD-SDI, lockable HDMI, and lockable DC power. This product includes removable mounting ears and a rugged metallic housing.

The Atomos ATOMCCVSH1 is a compact, broadcast quality SDI to HDMI converter featuring full size 3G/HD/SD-SDI, lockable HDMI, and lockable DC power. This product includes removable mounting ears as well.

ATO-CNCT-CCVHS1 • HDMI to SDI Converter • **Your Price \$99.00**

ATO-CNCT-CCVSH1 • SDI to HDMI Converter • **Your Price \$99.00**



Atomos Connect Repeat - SDI Repeater for 3G/HD/HD-SDI Sources

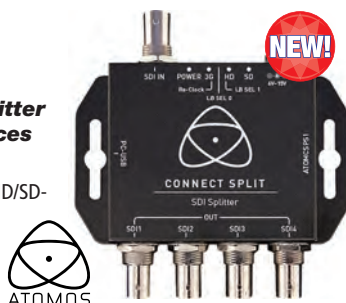
With the Atomos ATOMCRPS1 you can overcome the cable length limitation of SDI and take your 3G/HD/SD-SDI sources beyond distances of 200m using SDI coax cable.

ATO-CNCT-CRPS1 • **Your Price \$119.00**

Atomos Connect Split - SDI Splitter for 3G/HD/HD-SDI Video Sources

The Atomos ATOMCSPS1 provides a simple solution for splitting and distributing a 3G/HD/SD-SDI video source to multiple video devices such as monitors, switchers, or scopes.

ATO-CNCT-CSPS1 • **Your Price \$198.00**



KanexPro HDMI to SDI Converter

- Supreme quality HDMI conversion to HD-SDI
- SDI loop output for duplication or broadcasting
- Built-in re-clocking & equalization
- Integrated Audio de-embedder for 2-channel / 48KHz audio
- Supports multiple video resolutions: SDI 525i, 625i, HD: 720p 24, 25,30,50 & 60 Hz
- HD: 1080i 50 & 60 Hz • HD: 1080p 24, 25,30, 50 & 60 Hz • 3G mode length up to 130m
- HD mode length up to: 170m • SD mode length up to 300m

KAN-SDI-HDSDXPRO • Reg. \$179.95 **Your Price \$139.95**



KanexPro HDSIDX HDMI to 3G/HD-SDI/ SDI Converter



- Convert an HDMI PC signal or HD camera into an HD-SDI signal
- Network Unlimited Extender for Monitors

KanexPro™

- Synchronized output audio video and audio
- Up to eight channels of HDMI audio are passed through to the SDI output
- Fit behind a monitor, in the back of a rack or directly on a camera rig
- Supports signal re-clocking and equalization • SDI runs up to 300 meters
- Support for HD-SDI runs up to 200 meters

KAN-EXT-HDSIDX • Reg. \$79.95 **Your Price \$72.95**

KanexPro 3G-SDI to HDMI Converter

- Get the highest quality 3G-SDI conversion to HDMI
- Integrated Audio de-embedder for 8-channel / 48KHz audio
- Supports multiple video resolutions: SDI 525i, 625i
- HD: 720p 24, 25,30,50 & 60 Hz.
- HD: 1080i 50 & 60 Hz.
- HD: 1080p 24, 25,30, 50 & 60 Hz.
- Data rates up to 2.97 Gbps
- SDI Input Cable Length Support - up to 300m
- HD mode length up to: 130m
- One way SDI output with re-clock function
- Supports cascading of multiple SDI's in application
- Automatically switches between SD, HD and 3 Gb/s SDI standards

KAN-EXT-SDHDX • Reg. \$79.95 **Your Price \$69.91**



KanexPro™



KanexPro SDI to HDMI Converter with EQ & Reclocking

- Get the highest quality 3G-SDI conversion to HDMI
- 2 x SDI Loop outputs
- Supports 2-channel audio
- Automatically switches between SD, HD and 3G-SDI standards
- Supports multiple video resolutions: SDI 525i, 625iHD: 720p 24, 25,30,50 & 60 Hz.HD: 1080i 50 & 60 Hz; HD: 1080p 24, 25,30, 50 & 60 Hz
- 3G mode length up to 130m • HD mode length up to: 170m

KAN-SDI-SDHDXPRO • Reg. \$179.95 **Your Price \$129.95**



HDMI/SDI CONVERTERS

**NEW FROM
NAB 2018**

markertek®

Newtek Connect Spark Pro 4K to NDI Converter

- HDMI 2.0 video input with embedded audio
- Conversion to full-bandwidth NDI® for high-quality output to IP with near-zero latency
- Support for 4K UHD and 1080p video at up to 60 frames per second
- Optional multicast mode to accommodate network bandwidth considerations
- Remote configuration & monitoring via Web-based user interface
- Tally support via NDI®, with built-in program/preview tally lights
- Wired Ethernet connectivity, with support for Power over Ethernet (POE)
- Hardware-based FPGA and SoC technology
- Industry-standard, threaded-screw camera mount
- Compatible with all systems, devices, and applications that support NDI®



NewTek

TRI-NCSP-4K • Your Price \$995.00

BroaMan Converters for Single Mode Fiber/4x 3G-SDI

- 4 x 3G-SDI reclocked video channels
- Plug and play, no configuration required
- Data rate per channel up to 3G, total up to 12G for 4K
- Metal robust housing for superior EMI performance
- Channel status LEDs • PSU INCLUDED

BRM-RPT8NO4OUT3G • Single Mode Fiber to 4x 3G-SDI • Your Price \$600.00

BRM-RPT8NO-4IN3G • 4x 3G-SDI Input to Single Mode Fiber up to 80km • Your Price \$600.00



BroaMan
Broadcast Manufacturer

Datavideo 3G/HD/SD Cross-Converter

- Can up-convert and down-convert between many 3G, HD, and SD video formats.
- Supports 10-bit processing with high-quality video filtering.
- Built with high-quality standards for low SDI jitter with long SDI cable lengths.
- Multi-channel audio is supported (Up to 8 Channels embedded)

DV-DAC-70 • Your Price \$499.00



datavideo®

MuxLab HDMI to VGA Converter

- Converts HDMI to VGA
- Supports up to 1080p/1920x1200 Deep Color
- Use HDMI sources with legacy VGA displays
- No external power required
- Supports DVI* when used with a DVI to HDMI cable

MUX-500466 • Reg. \$44.00 Your Price \$30.00



MuxLab

NCEO

NATIONAL CENTER FOR
EMPLOYEE OWNERSHIP

Ocean Matrix Video to HDMI Pro Mini Converter / Scaler

- Convert Analog Composite Video or S-Video with L/R Stereo Audio to a single HDMI Output
- Scales Composite Video or S-Video to HD 1080p
- Front Panel Selectable 720P 50Hz/60Hz or 1080P 50Hz/60Hz HDMI Output
- Selectable Composite or S-Video Input with Simultaneous Live Input Source
- Supports 50Hz to 60Hz Frame Rate Conversion • Automatic NTSC/PAL Detection

OMX-CV-HDMI • Reg. \$75.95 Your Price \$70.95



OCEAN MATRIX®

Ocean Matrix HDMI to 3G SDI Mini Converter with Looping Output

- Broadcast Quality HDMI to SDI converter
- 1080p Compatible
- Dual SDI Outputs / 3G SDI Splitter
- EDID auto detect HDMI Input
- Output (Max bit rate: 2.97G/S)
- SDI Embedded Audio up to 8-Channels

OMX-HDMI-SDI • Reg. \$155.00 Your Price \$146.00



OCEAN MATRIX®

Ocean Matrix 3G HD-SDI to HDMI Converter

Ocean Matrix 3G HD-SDI to HDMI Converter

- Auto detect resolution of HD-SDI, SD-SDI and 3G-SDI Input Signal
- Full HDMI support with embedded audio
- Synchronized 48KHz L/R audio output
- Plug and play

OMX-SDI-HDMI • Reg. \$44.95 Your Price \$39.95



Ocean Matrix 3G SDI-HDMI Multiformat Cross Converter

- Enhanced HD Signal Processing Technology
- SDI Input, 2 SDI Outputs, and 1 HDMI Input, 1 HDMI Output
- Complies with SMPTE 424M, SMPTE 292M, SMPTE 259M Standards
- 100 Meter 3G-SDI Transmission on SDI Output
- Supports wide range input voltage from 5V - 24V
- Dual Power Capability - DC adapter or Sony NP F970 Lithium Battery
- Top & Bottom 1/4-20 Threads Convenient Mounting Option
- Power I/O Status Indicator • Super Rugged Housing
- Embedded Audio Compatible • SDI and HDMI Looping Outputs

OMX-3G-CC • Reg. \$170.00 Your Price \$160.00



OCEAN MATRIX®

Meet Dario!
Latin American Sales
Engineer since 2007

WE ARE PROUD TO BE 100% EMPLOYED!

Freakshow 12G 4K 8x8 Matrix Switcher

Exceed your needs with Freakshow HD's new 12G 4K 8x8 Matrix Switcher! This production powerhouse provides both the flexibility and bullet proof build required for today's most challenging locations. Easily controlled by the top mounted touch screen or the integrated browser API, the 8x8 provides maximum functionality and user friendly ergonomics.



- Formats: 4K 12Gb-SDI, Ultra 4K 6Gb-SDI, 3Gb-SDI, 1.5Gb-SDI, 270Mb-SDI.
- Meets and exceeds SMPTE-424, SMPTE-292, SMPTE-259
- Inputs: 8x 12Gb/ 6Gb/ 1.5Gb/ 270Mb - Auto-selectable SDI BNCs
- Outputs: 8x 12Gb/ 6Gb/ 1.5Gb/ 270Mb - Auto-selectable SDI BNCs

FREAKS-4K8X8SW • Reg. \$1599.00 Your Price \$1489.00

AJA Kumo 12G-SDI Routers

KUMO 12G-SDI routers support large format resolutions, high frame rate (HFR) and deep color formats, while reducing

cable runs when transporting 4K/UltraHD over SDI. The routers offer network-based and/or physical control, and mirror the physical form of AJA's production-proven KUMO 3232 and KUMO 1616 routers, with a new USB port for configuring IP addresses via AJA's eMini-Setup software.

- The KUMO 3232-12G - compact 2RU profile with support for 12G-SDI/6G-SDI/3G-SDI/1.5G-SDI with 32x 12G-SDI inputs and 32x 12G-SDI outputs.
- The KUMO 1616-12G - compact 1RU profile with support for 12G-SDI/6G-SDI/3G-SDI/1.5G-SDI with 16x 12G-SDI inputs and 16x 12G-SDI outputs.

AJA-KUMO-323212G • 32x 12G-SDI Inputs • Your Price \$3995.00

AJA-KUMO-161612G • 16x 12G-SDI inputs • Your Price \$2495.00



AJA-KUMO6464



AJA-KUMO1616



AJA-KUMO1604



AJA-KUMO3232



AJA-KUMOCP



AJA KUMO Compact 3G-SDI Routers
Cost-effective, without compromising power or flexibility, KUMO compact SDI routers provide powerful signal control and support full broadcast specifications over SDI, HD-SDI, and 3G SDI, with quality that exceeds

SMPTE specifications. The super-compact 1RU and 2RU formats are just a few inches deep, making them a perfect fit for any broadcast, production, or post production environment, from mobile sports trucks and edit suites, through to corporate video installations or live event A/V rigs.

As 4K workflows continue to gain ground, KUMO routers can grow as you do. With a simple setting change, KUMO routers can be configured for ganged dual and quad port routing, allowing users to group together multiple inputs and outputs for Dual Link, 4K and UltraHD workflows. This allows seamless routing of uncompressed or RAW 4K and UltraHD signals throughout a production or post facility. Then switch the router back to HD/SD operation as needed, giving you the flexibility to route virtually any format in your facility.

- 3G-SDI Compact Routing • 4K, 3G, HD, SD Support • Powerful Signal Control
- Broadcast Quality • Simple Installation and Configuration • Redundant Power Supplies
- AJA 5-year International Warranty and Advance Replacement

AJA-KUMO1616 16x16 Compact SDI Router with 1 Power Supply **Your Price \$1995.00**

AJA-KUMO1604 16x4 Compact SDI Router with 1 Power Supply **Your Price \$1395.00**

AJA-KUMO3232 32x32 Compact SDI Router with 1 Power Supply **Your Price \$3495.00**

AJA-KUMO6464 64x64 Compact SDI Router with 1 Power Supply **Your Price \$7995.00**

AJA-KUMOCP CP 1RU Control Panel for Kumo Series Routers **Your Price \$595.00**

AJA-KUMO-CP2 CP2 2RU Control Panel for Kumo Series Routers **Your Price \$895.00**

AJA-KUMOWPOWER KUMO PWR 12VDC Power Supply for KUMO Compact Routers **Your Price \$95.00**

LEN L4KR01 4K/12G Relay

The L E N Video Relays are miniature single-circuit, change-over relays providing full broadcast quality switching, for data rates up to 12Gb/s. They are suitable for applications such as power-failure switching and source selection. They can be used to choose between two inputs or to have a single input and choose between two outputs, controlled by a 5V DC applied to the coil.

- Input and output impedance: 75 Ohms
- Return loss: 15dB, 0.1-1485 MHz
- Amplitude roll-off, 270 - 1485 MHz (2): 0.3dB
- Insertion loss (3): 0.4dB

LEN-L4KR01 • Your Price \$622.16

**LEN LAMR01 AES MADI ASI Relay**

The LAMR01 AES / MADI / ASI Relay is a miniature single-circuit, change-over relay, providing full broadcast quality switching, for data rates up to 360 Mb/s.

- Input and output impedance: 75 ohms • Return loss: 15dB, 0.1-360 MHz
- Amplitude roll-off, 0.1 - 360 MHz: -0.3 dB • Insertion loss: 0.4 dB

LEN-LAMR01 • Your Price \$161.57

**LEN L3GR01 3G-SDI Relay**

- Two way 3G-SDI digital video signal relay
- Transparent to all 3G, HD and SD formats with data rates up to 3Gbit/s
- Size 45 x 30 x 15 millimetres
- Optional rack frame to hold eight relays

**LEN-3GR01 • Reg. \$190.70
Your Price \$174.95**

**AJA KUMO Compact 3G-SDI Routers**

Cost-effective, without compromising power or flexibility, KUMO compact SDI routers provide powerful signal control and support full broadcast specifications over SDI, HD-SDI, and 3G SDI, with quality that exceeds

SMPTE specifications. The super-compact 1RU and 2RU formats are just a few inches deep, making them a perfect fit for any broadcast, production, or post production environment, from mobile sports trucks and edit suites, through to corporate video installations or live event A/V rigs.

As 4K workflows continue to gain ground, KUMO routers can grow as you do. With a simple setting change, KUMO routers can be configured for ganged dual and quad port routing, allowing users to group together multiple inputs and outputs for Dual Link, 4K and UltraHD workflows. This allows seamless routing of uncompressed or RAW 4K and UltraHD signals throughout a production or post facility. Then switch the router back to HD/SD operation as needed, giving you the flexibility to route virtually any format in your facility.

- 3G-SDI Compact Routing • 4K, 3G, HD, SD Support • Powerful Signal Control
- Broadcast Quality • Simple Installation and Configuration • Redundant Power Supplies
- AJA 5-year International Warranty and Advance Replacement

AJA-KUMO1616 16x16 Compact SDI Router with 1 Power Supply **Your Price \$1995.00**

AJA-KUMO1604 16x4 Compact SDI Router with 1 Power Supply **Your Price \$1395.00**

AJA-KUMO3232 32x32 Compact SDI Router with 1 Power Supply **Your Price \$3495.00**

AJA-KUMO6464 64x64 Compact SDI Router with 1 Power Supply **Your Price \$7995.00**

AJA-KUMOCP CP 1RU Control Panel for Kumo Series Routers **Your Price \$595.00**

AJA-KUMO-CP2 CP2 2RU Control Panel for Kumo Series Routers **Your Price \$895.00**

AJA-KUMOWPOWER KUMO PWR 12VDC Power Supply for KUMO Compact Routers **Your Price \$95.00**

VIDEO SWITCHING

**NEW FROM
NAB 2018**

markertek®

Blackmagic Design Videohub Smart Control Panel



- The Blackmagic Design Videohub Smart Control is a compact 1 RU panel that controls your Videohub over your existing ethernet network

Blackmagicdesign

- It features 40 customizable buttons that can be set to any cross point so you can quickly switch video sources using fast, direct "cut-bus" style routing

BMD-VHUB-WSC • Reg. \$495.00 Your Price \$495.00

Blackmagic Design Smart Videohub 12x12 SD/HD/Ultra HD Mixed Format Router



Blackmagicdesign

- Connect Everything - SD, HD and Ultra HD!
- Connect Your Workstations - Share broadcast displays and decks!

- Mobile Broadcast - Incredibly compact design!
- Supercharge Digital Signage!
- Perfect for multi screen SD, HD, and Ultra HD distribution!
- Connect and share presentation equipment!
- Dub multiple formats without changing cables!

VHUBSMART6G1212 • 12x12 Reg. \$1395.00 Your Price \$1395.00

VHUBSMART6G2020 • 20x20 Reg. \$1995.00 Your Price \$1995.00

Blackmagicdesign

Blackmagic Design Smart Videohub 40x40 6G-SDI Video Router/Switcher



- Advanced 40 x 40 multi format SD, HD and Ultra HD SDI router with built in video monitoring and spin knob control

- Fits a massive 80 multi rate 6G-SDI connections in a compact two rack unit size
- SDI Video Input/Output: 40 x 10-bit SD-SDI, HD-SDI and 6G-SDI
- Auto detection of SD, HD or 6G-SDI. Simultaneous routing of 4K, HD and SD video.

BMD-SVH4040 • Reg. \$2995.00 Your Price \$2995.00

Blackmagic Design Smart Videohub 12G 40x40



- Advanced 12G-SDI video router supports any SD, HD or Ultra HD SDI format on the same router at the same time

- Smart Videohub 12G 40x40 features 40 inputs and 40 outputs and includes video reference, redundant power connections and an elegant machined metal front panel with large full HD LCD for monitoring and routing label display

BMD-VHSE12G4040 • Reg. \$4995.00 Your Price \$4995.00

Blackmagic Design Smart Videohub CleanSwitch 12x12



Blackmagicdesign

- Compact 6G-SDI router with built in re-synchronizers on all inputs allows clean switching between all video sources of the same video standard
- Can be used as 12 re-synchronizers for automatic re-timing of SDI feeds
- Smart Videohub CleanSwitch supports 12 inputs and 12 outputs in virtually all SD, HD and Ultra HD video formats

BMD-VHSMCS6G1212 • Reg. \$1495.00 Your Price \$1495.00

Datavideo SE-3200 Digital Video Switcher



datavideo®

- Professional, twelve channel switcher with native 1080p/60 (3G) High Definition video processing.
- Includes eight SDI and four HDMI inputs with embedded audio, six SDI and three HDMI outputs for connecting HD recorders, monitors, etc.
- Modular design allows the Main processing unit (2U high) to be mounted in a standard 19" rack.
- Control unit can then be placed

on a nearby work surface or built into a gallery or OB van.

- Powerful, easy to use effects, including Chroma Keyers, Luma Key, DSK, PIP, Wipe Generator, Still stores, logo insertion and a built-in title overlay system for entry level Datavideo CG systems.

DV-SE-3200 • Your Price \$4789.00

Kramer 8 Port 12G SDI Matrix Switcher with Interchangeable Inputs & Outputs



- The VS-8UFX is an 8-port matrix switcher for SDI signals for up to 12G HD-SDI. Each SDI port can be defined as either an input or output.



- Max. Data Rate - 12Gbps. HDTV Compatible.
- Multi-Standard Operation - SDI (SMPTE 259M/344M), HD-SDI (SMPTE 292M), 3G HD-SDI (SMPTE 424M).
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances.
- Supports ANC Data - Embedded audio, teletext, time code, etc.
- Cable Equalization - Up to 350m for SD signals, 140m for 1.5GHz HD signals and 120m for 3GHz 3G signals.
- Clean Switching - Versatile Genlocking - 8 Memory Locations

KR-VS-8UFX • Reg. \$3595.00 Your Price \$2876.00

Lilliput MSS0811 8x8 3G-SDI Matrix Switcher



- The Lilliput MSS0811 is a powerful, versatile 8x8 3G-SDI Matrix Switcher that can be easily integrated into your workflow.
- The super-compact 1RU design is just a few inches deep, making it the perfect fit for Edit Suites, Sports Trucks, A/V Rigs, Live Theater, Corporate Video and more.



LILLIPUT®

- It can auto-detect multiple video format sources like SD/HD/3G-SDI (Level A and B) and DVB-ASI at the same time and easily route to multiple destinations in NTSC, PAL, SD720, and 1080 at any frame rate.
- Features multiple control methods: Choose from full lockable control on the front panel, there's even a 2.2 inch LCD screen to view channel status, RS232 control via the serial port, Keyboard control with the usb port or computer control using the included free Windows software!

LIL-MSS0811 • Reg. \$859.00 Your Price \$799.00

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!



AV Tool 3-Input HDMI Routing Switcher & Multiformat HDMI Converter



- Switches between HDMI and Analog Signals
- Inputs: 3x HDMI, 1x PC, 2x YpPr & 2x CV/SV
- Outputs: 1x HDMI
- Audio Inputs for all Analog

Video Inputs • Supports PC Resolutions to SXGA

• Supports HD Resolutions to 1080p • HDMI 1.3 and HDCP 1.1 Compliant

AVT-6071 • Your Price \$349.00

KanexPro 4x1 HDMI Switcher with Digital Audio and 4K



- Switch 4 inputs to one output with separate audio
- Supports 4K Ultra HD resolutions & 1080p HD
- HDCP & EDID compliant
- 3DTV Pass-through
- Up to 12-Bit Deep Color Support

KanexPro

- Dedicated, flexible audio input/output port
- Audio support: 3.5mm stereo & Toslink output • Lip Sync pass-through
- Supports LPCM 7.1, Dolby TrueHD, Dolby Digital Plus, and DTS-HD Master Audio
- Front-panel LED's for input/ output signal presence

KAN-SWHD4X1AUD4K • Reg. \$79.95 Your Price \$79.95

KanexPro 4K HDMI 5X1 Switcher

- Auto switch five HDMI sources to one 4K display
- 4K@60Hz UHD, 1080p & 3D resolutions
- 4Kx2K @30Hz with 24bit RGB, YCBCR 4:4:4 & YCBCR 4:2:2. • 4Kx2K @60Hz with 12bit YCBCR 4:2:0
- Computer resolutions up to QSXGA@60Hz • HDCP 2.2 compliant
- Supports 3D frame sequential video formats to 1080p @60Hz
- Digital audio support: LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio

KAN-SWHD20-5X14K • Reg. \$99.95 Your Price \$81.00

KanexPro UltraSlim 4K HDMI 4x1 Switcher with 4:4:4 Color Space & 18G

- UltraSlim 4x1 HDMI switcher w/ ARC
- Supports 4K x 2K@60Hz
- Supports YUV 4:4:4 color space
- Incredibly thin design – only 0.4" (11 mm) thick • High-bandwidth 18 Gbps
- HDCP 2.2 compliant • Transmits 4K over HDMI cable up to 10m (32ft.)
- HDMI supports ARC (Audio Return Channel)
- Auto-identifies input resolutions to match displays via hot-plug
- Supports CEC to control source or display device via IR Remote & RS232 commands.
- Supports EDID management

KanexPro

KAN-SW-4X1SL18G • Reg. \$299.95 Your Price \$249.00

Ocean Matrix 4K/UHD 5x1 HDMI 2.0 Switcher with RS232 Control



- 5 input HDMI switcher that supports multiple resolutions and formats and includes RS232 control for professional environments
- Choose between 5 (five) HDMI devices and route signals to a single HDMI display, projector or digital signage system while supporting full 12 bit HD video, HDMI 3D and resolutions up to 4Kx2K@60Hz Ultra-HD
- HDMI source selection can be controlled by the included remote or by the RS232 serial port on the switcher • Accommodates bandwidth up to 18Gbps

OMX-HDMI5X1-V2 • Reg. \$65.95 Your Price \$59.95

Kramer 4x1 HDMI Switcher RS-232 & Ethernet Control

- Maximum Data Rate - 1.65Gbps.
- HDCP Compliant
- Enhanced EDID (Extended Display Identification Data)
- Dual Mode - PC and DVD Modes selectable by input
- Flexible Control Options- Front panel, IR Remote, RS-232 & Ethernet
- Video Disconnect • Front Panel Lockout
- Inputs: 4 HDMI Connectors • Output: 1 HDMI Connector

KR-VS-41HDMI • Reg. \$540.00 Your Price \$432.00

Kramer Presentation Switcher/Scaler with 4 HDMI and 2 VGA Inputs

- Max Resolution - 1920x1200@60Hz.
- Output Resolutions - Up to UXGA/1080p output resolutions.
- Microphone Input - For mixing, switching or talk-over.
- Companion AFV (Audio-Follow-Video) - Stereo audio for every input, on terminal blocks. • Audio - Unbalanced stereo and embedded audio for HDMI/HDBT with individual input level controls.

KR-VP-440 • Reg. \$1195.00 Your Price \$956.00

Kramer HDMI Matrix Switchers



The VS-88HN is a high-performance matrix switcher for HDMI signals. They reclock and equalize the signal and can route any input to any or all outputs simultaneously.



- Max. Data Rate - 6.75Gbps (2.25Gbps per graphic channel)
- HDTV Compatible • HDCP Compliant • 3D Pass-Through
- HDMI Support - Deep Color, x.v.ColorT, Dolby TrueHD, Dolby Digital Plus, DTS-HD, and linear PCM 7.1 surround sound

VS-88HN • 8x8 HDMI Matrix • Reg. \$4195.00 Your Price \$3356.00

Kramer 2x1 Automatic HDMI Standby Switcher

- Max. Data Rate: 6.75Gbps (2.25Gbps per graphic channel)
- HDMI & HDCP Compliant
- HDTV Compatible
- Advanced Auto Switching: Based on video clock detection
- Automatic Output Shutdown • 3D Pass Through • EDID signals from display to source • Audio Return Channel (ARC) Pass Through

KR-VS-211HA • Reg. \$295.00 Your Price \$236.00

HDMI SWITCHERS

Kramer 4K60 4:2:0 HDMI Matrix Switchers

NEW!

High-quality matrix switchers for 4K@60Hz (4:2:0) HDMI signals and embedded audio. It



reclocks and equalizes the signals and can route any HDMI, HDCP-compliant sources (selectable) to any or all outputs simultaneously. Offers a flexible audio scheme where any HDMI digital audio input can be routed to any HDMI digital audio output in addition to ARC support on all ports.

- Resolutions up to 4K@60Hz (4:2:0) • Highly flexible independent audio matrix
- Step-In over HDMI • Size - Standard 19" (1U). Rack "ears" included.
- Active source detection for priority, last-connected automatic and manual switching

KR-VS-44UHD • 4x4 matrix switcher • Reg. \$2390.00 **Your Price \$1912.00**

KR-VS-48UHD • 4x8 matrix switcher • Reg. \$3595.00 **Your Price \$2876.00**

KR-VS-66UHD • 6x6 matrix switcher • Reg. \$3595.00 **Your Price \$2876.00**

KR-VS-84UHD • 8x4 matrix switcher • Reg. \$3595.00 **Your Price \$2876.00**

Kramer 12-input ProScale Presentation Matrix Switcher/4K30 UHD Scaler with Preview & Program Outputs

NEW!



- VP-733 has HDMI, DisplayPort, HDBaseT and user-definable (universal) analog video inputs (each can be set as computer graphics, composite video, s-Video (Y/C) or component video).



- It up-scales or down-scales to selectable output resolutions up to 4K and provides glitch-free switching between sources through fast FTBT (fade-thru-black) switching technology.

- Independent Program and Preview outputs are available simultaneously, or the unit can be configured for PIP, with all outputs mirrored.
- Outputs are available on two HDMI connectors, an HDBaseT, a DP, and a 15-pin-HD computer graphics video connector.
- Rich audio support is also included, with digital audio embedding and de-embedding, as well as 10 analog stereo inputs and analog, S/PDIF, and speaker outputs.

KR-VP-733 • Reg. \$4795.00 **Your Price \$3836.00**

Kramer 4K60 4:4:4 HDCP 2.2 DisplayPort HDMI & VGA Auto Switcher/Scaler and PoE Provider Over HDBaseT

- The VP-428H2 is an HDBaseT 4K transmitter/scaler with HDMI, DP and VGA inputs.



NEW!

- VP-428H2 supports HDBaseT tunneling of Ethernet, bidirectional RS-232 and IR signals, as well as PoE to provide power to the HDBaseT receiver.

- It receives the selected AV signal, up-scales, down scales or bypasses the video, according to the settings selected by the user, and converts it for sending via HDBaseT, together with the tunneled data and PoE.



KR-VP-428H2 • Reg. \$1400.00 **Your Price \$1120.00**

AVPro Edge 18Gbps True 4K60 4:4:4 4x2 Matrix & Auto Switch

NEW!



- Supporting HDMI 2.0(a/b), HDCP 2.2, up to 4K video resolution, and up to 18 Gbps bandwidth.
- This switch allows any source (Blu-ray, UHD Blu-ray, satellite receiver, game consoles, PCs, etc ...) to be shown on any of the connected displays.

- This matrix equalizes and amplifies the output to ensure the HDMI signal can be transmitted through long HDMI cables without loss of quality.

AC-MX42-AUHD • **Your Price \$649.00**

**NEW FROM
NAB 2018**

markertek®

Atlona 4K HDR 8x8 HDMI to HDMI Matrix Switcher

NEW!

- The Atlona AT-HDR-H2H-88MA is an 8x8 HDMI matrix switcher for high dynamic range (HDR) formats.



- It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps.



- The HDR-H2H-88MA is ideal for residential applications with the latest as well as emerging 4K/UHD and HDR sources and displays.

ATNO-HDR-H2H88MA • **Your Price \$4000.00**

Atlona 4K/UHD Two-Input Wallplate Switcher for HDMI and USB-C with HDBaseT Output

NEW!

- 2x1 HDBaseTTM switcher with HDMI@ and USB-C inputs



- Ideal for the AT-HDVS-200-RX scaling receiver, AT-UHD-EX-100CE-RX-PSE receiver, and Atlona HDBaseT-equipped switchers

- HDBaseT transmitter for AV, power, and control up to 330 feet (100 meters)

- 4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling (with the AT-UHD-EX-100CE-RX-PSE)

- Remotely powered via PoE (Power over Ethernet)

- Automatic input selection and automatic display control

AT-HDVS-210UTXWP • **Your Price \$690.00**

Gefen 4K Ultra HD HDMI Over IP - Sender Package

NEW!

- Extends HDMI, RS-232, analog audio, and IR, using a Gigabit Local Area Network

- Independent video, RS-232, IR, and audio routing

- Backward-compatible with first generation Gefen AV over IP products



- Input resolutions up to 4K 60Hz 4:2:0 • Output resolutions up to 4K 30Hz 4:4:4

- Dolby Atmos®, Dolby® TrueHD, DTS:X®, and DTS-HD Master Audiotrade;

- Built-in video wall controller accommodates any number of rows and columns up to 16x16

GEF-EXTUHDLANSTX • Reg. \$599.00 **Your Price \$419.95**

wePresent Cross-Platform Presentation and Collaboration Device



NEW!

wePresent

- Greater networking flexibility by providing various network access solutions: wired LAN, wireless LAN or both at once.

- Insert a USB token into your wePresent to open files, view documents and images, or play audio and video media.

- Stream video files to the wePresent with full 1080p resolution and no latency.

- On screen annotation for more interactive presentations.

- Operating system: Windows 7, 8, 10 and above, Mac OS X 10.9 and above, Android 4.0 and above, iOS 9 and above

- Video Output: 1 x HDMI, 1 x VGA • Frame rate: up to 30 fps

- Output resolution: up to 1080p • Connected users: up to 64

WIPG-160W • **Your Price \$799.00**

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

Ocean Matrix 3G SDI 1x4 Splitter / Distribution Amplifier

- Supports SD-SDI (270Mbps), HD-SDI (1.485Gbps) and 3G-SDI(2.97Gbps)
- 4 simultaneous SDI outputs
- Equalized & re-clocked transmission and support signal input
- Output distances of up to 400 meters for SD-SDI, 200 meters for HD-SDI and 100 meters for 3G-SDI signal
- DC5V-30V Voltage Input - great for field applications
- SDI Signal Auto-Detect


OMX-SDI-1X4
OMX-SDI-1X4 • Reg. \$205.00 Your Price \$195.00
Ocean Matrix 12G-SDI Reclocking 1x6 Distribution Amplifier
OMX-12GSDI-1X6

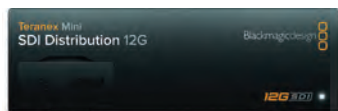
- Supports all SMPTE video formats for HD and UHDTV broadcast requirements
- Six separately buffered and relocked outputs
- Cable equalization and signal retiming • Supports 2K and 4K SDI transmission
- LED indicators for signal input lock and rate
- Passes all ancillary data • Automatic input type detection
- Reclocking SDI signals for cascading and longer transmission


OMX-12GSDI-1X6 • Reg. \$370.00 Your Price \$349.00
Blackmagic Design 1x8 3G SDI DA Mini Converter

- (1) SDI Input, (8) SDI Outputs
- 3G/HD/SD-SDI Auto-Switching Input
- Re-Clocked Outputs
- Ancillary Data & Embedded Audio
- 1080p & 2K Distribution
- Supports ASI Signals


BMD-CONVMSDIDA • Reg. \$195.00 Your Price \$195.00
Blackmagic Design Mini Converter - SDI Distribution 4K

- Ultra HD and 6G-SDI Technology • Standard Audio Connections • Powerful Performance
- Optical Fiber Conversion • Highest Quality Processing • Easy Settings Control


BMD-CONVMSDIDA4K • Your Price \$295.00
Blackmagic Teranex Mini - SDI Distribution 12G


- Distribute a single SDI video input to up to eight SDI outputs.
- Latest multi rate 12G-SDI connections with full SDI re-clocking
- Automatically switch between all SD, HD and Ultra HD formats up to 2160p60.
- Compact size plus professional XLR audio connections
- Multi rate 12G-SDI technology that supports high frame rate Ultra HD up to 2160p60 on a single BNC cable

BMD-CTRMEADA • Reg. \$495.00 Your Price \$495.00

SDI DISTRIBUTION


AJA 12GDA 12G/6G/3G/HD/SD-SDI Distribution Amplifier

- Compact 12G-SDI distribution
- Six separately buffered outputs
- Miniature size
- 12G cable equalization (1694 coax)
- 12 Gbps, 90m • 6 Gbps, 125m • 3 Gbps, 160m
- 1.5 Gbps, 200m • 270 Mbps, 470m
- 12G/6G/3G/HD/SD-SDI input, auto sensing • Passes all ancillary data
- DWP-U-R1 power supply included • Five year warranty

AJA-12GDA • Your Price \$495.00
AJA 1x4 High Definition Video Distribution Amplifier


- Formats: 1.5Gb, 143, 177, 270, 360 Mb, Auto Select
- Inputs: 1 HD-SDI, SDI (SMPTE 292/296), 1x BNC
- Outputs: 4 HD-SDI, SDI, 4x BNC, Equalizing
- Return Loss: >15dB-270Mhz (Input and Output)
- Power: 5VDC Regulated, 2.5 Watts

AJA-HD5DA • Your Price \$195.00
AJA 3GDA 1x6 3G/HD/SD Reclocking Distribution Amplifier


- Compact SD/HD Distribution
- Six Separately Buffered Outputs
- 120m 3G cable equalization (1694 coax)
- 3G HD-SDI, HD-SDI or SDI input, auto sensing
- Passes all ancillary data
- +5-18V power requirements

AJA-3GDA • Your Price \$395.00
Freakshow HD 1x2 4K 3G-12G HD-SDI Reclocking Video Distribution Amplifier


- HD Mini 4K 12G 1x2 Re-Clocking D.A. fits anywhere and can extend cable lengths up to 700 feet
- Formats: 4K 12G-SDI, Ultra 4K 6G-SDI, 3G-SDI, 1.5G-SDI, 270Mb-SDI. Meets and exceeds SMPTE-424, SMPTE-292, SMPTE-259
- Inputs: 1x12G/ 6G/ 3G/ 1.5G/ 270Mb - Auto-selectable SDI, 1xBNC
- Cable Re-clocking and Equalization
- Input return loss: -8dB at 12G, -9dB at 6G, -13dB at 3G, -18dB HD/SD

- Output return loss: Return loss -6dB at 12G, -8.5dB at 6G, -15dB at 3G, -23dB at HD/SD

FREAKS-1X2DA-4K • 1x2 Reclocking DA..... Your Price \$289.00
FREAKS-1X4DA-4K • 1x4 Reclocking DA..... Your Price \$389.00
KanexPro SDI Repeater

The KanexPro 3G/SDI/HD-SDI Repeater is designed for extending AV signals at longer runs up to 300 meters using single RG6 cable. It also embeds audio up to 7.1 channels passing ancillary data. Perfect for surveillance systems, rental & staging facilities, post-production, TV studio, digital cinema, or other A/V applications.

**KAN-SDI-HDRPTPRO • Reg. \$129.95
Your Price \$109.00**

KanexPro™

SDI DISTRIBUTION

**NEW FROM
NAB 2018**

markertek®

Cobalt1x6 12G - 3G - HD - SD-SDI ASI MADI Reclocking Distribution Amplifier with Input Status LED

NEW!



- Six 12G/3G/HD/SD equalized and relocked outputs
- 1x3 ASI distribution capability
- Input present LED indicator
- Auto-standard detect and configuration for SMPTE 2082-1, 424M, 292M, 259M
- Small rugged portable standalone

COBALT

package ideal for portable installations

• Optional BBG-MB mounting bracket provides rigid, secure mounting to mounting surfaces

• Rugged construction backed with a five-year warranty

CB-BBGDA-12G-1X6 • Your Price \$549.00

Cobalt 9003 Dual 3G/HD/SD Reclocking Distribution Amplifier

The 9003 is a two-channel, multi-rate SDI distribution amplifier capable of equalizing and relocking 3G, HD, and SD signals. The 9003 can be set up as either a single-channel 1:8, dual-channel 1:4, or 1:8 with failsafe using Dashboard remote control software or card-edge switches. In failsafe mode, the card automatically switches to the secondary input if the primary input is lost.



COBALT

CB-9003 • Reg. \$699.00 Your Price \$656.00

AJA OpenGear 2x4 3G-SDI Reclocking DA



The OG-2x4-SDI-DA is an openGear-compatible, state of the art 3G-SDI distribution amplifier. The incoming 3G-SDI signals on the 2 input channels are relocked and distributed to 4 x 3G-SDI

outputs each, or alternatively can function as a 1 x 8-Channel DA, allowing the same signal to be sent to eight destinations simultaneously. This dual input capability allows double the number of DAs in limited frame space. A 10 BNC rear Open Gear connector module is included.

AJA-OG2X4SDI-DA • Your Price \$550.00

Kramer 3G / HD-SDI 1x2 Distribution Amplifier

The VM-2HDx1 is a high-performance distribution amplifier for 3G HD-SDI signals. The unit takes one input, provides relocking and equalization and distributes the signal to two identical outputs.



**KR-VM2HDx1 • Reg. \$490.00
Your Price \$392.00**

Kramer VM-10HDx1 1:10 3G HD-SDI Distribution Amplifier



The VM-10HDx1 is a high-performance distribution amplifier for 3G HD-SDI signals. The unit takes one input, provides relocking and equalization and distributes the signal to ten identical outputs.



Max. Data Rate - 3Gbps. HDTV Compatible. HD-SDI & SDI Input Indication LEDs.

KR-VM-10HDx1 • Reg. \$1710.00 Your Price \$1368.00

LYNX Technik Yellobrik 12G SDI Video Distribution Amplifiers - Supports Multi SMPTE SDI Signals

NEW!



**LYNX Technik
yellobrik**

LNK-DVD-1423: 2 independent inputs 3 outputs per channel

LNK-DVD-1417: 1 input and 7 outputs

- SMPTE 259M (270Mbit/s), SMPTE 292M (1.5Gbit/s), SMPTE 424M (3Gbit/s), SMPTE 2081 (6Gbit/s) and SMPTE 2082 (12Gbit/s) standards are supported.
- Suitable for SDI video up to 12Gbit/s (4K/UHD)
- Supports SD SDI, HD SDI, 3G SDI, 6G SDI and 12G SDI • Relocking • Auto-detect input format • Input present LED indication

**LNK-DVD-1423 • Reg. \$1025.00
Your Price \$973.75**

**LNK-DVD-1417 • Reg. \$840.00
Your Price \$798.00**

Digital Forecast 3G/HD/SD SDI Relocking Video Distribution Amplifier 1X3



- HD/SDI distribution amplifier
- Inside cable equalizer & re-clocker
- Up to 100m (HD grade), Up to 60m (3G grade)
- 1 HD/SDI input • 3 HD-SDI out
- DC 5V ~ 24V wide operating range



Marshall 3G/HD/SD-SDI Relocking Distribution Amplifiers



- 3G/HD/SD serial digital distribution
- Six separately buffered and relocked outputs
- Cable equalization and signal re-timing
- Dual color LED indication of input lock and rate • Passes all ancillary data

**MAR-VDA-104-3GS • 1x4 Relocking DA •
Reg. \$177.00 Your Price \$150.00**

**Marshall Electronics MAR-VDA-106-3GS • 1x6 Relocking DA •
Reg. \$195.00 Your Price \$165.00**

LEN Passive HD-SDI Single Channel HD Splitter



**BEST
seller**

- Miniature passive Splitter - no power required
- Broadcast quality signal up to 1500 MHz
- Size 45 x 30 x 15 mm - less than 30 gm
- Ideal for permanent and temporary installations



**LEN-HDS01 • Reg. \$139.95
Your Price \$129.95**

LEN LHDR01 Passive HD-SDI Single Channel HD Relay

- Two way HD-SDI digital video signal relay
- Transparent to all HD-SDI and SD formats with data rates up to 1485 Mbit
- Size 45 x 30 x 15 millimeters
- Optional rack frame to hold eight relays

LEN-LHDR01 • Reg. \$159.95 Your Price \$139.95



**BEST
seller**



WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

Ocean Matrix OMX-HDMI2E-1X4 1x4 4K UHD HDR HDMI 2.0 Splitter Distribution Amplifier with EDID Control

A compact 1x4 HDMI splitter / distribution amplifier to send a single 4K HDMI signal from cameras, set top boxes, Blu-ray players and digital signage players simultaneously to four (4) HDMI displays, projectors, extenders or other HDMI enabled devices. Supports resolutions up to 4K/UHD (4096 x 2160) and meets all standards for HDMI 2.0 and HDCP 2.2 specifications. To simplify installations, the OMX-HDMI2E-1X4 employs EDID management to ensure device compatibility and communication between display and source.



OMX-HDMI2E-1X4 **Your Price \$149.95**

Ocean Matrix Splitter 4K HDMI 2.0 Distribution Amplifier

- Distributes 1 HDMI Source to 2 or 4 HDMI Displays Simultaneously
- Supports HDMI 3D and 4K x 2K@60Hz when both the input and output devices support 4K x 2K



- HDMI source and HDMI displays support 3D
- Supports Bandwidth up to 18Gbps
- HDMI2.0 Compliant
- HDCP2.0 Compliant Audio - Supports Standard, Direct Stream Digital, and HD/HBR

OMX-HDMI-1X2-4K2 • 1x2 Splitter **Your Price \$51.95**

OMX-HDMI-1X4-4K2 • 1x4 Splitter **Your Price \$83.95**

HDFury INTEGRAL 4K60 4:4:4 600MHz HDMI Splitter

- 2x Input / 2x Output Splitter (HDMI2.0a/ HDMI1.4/DVI1.0 compatible)
- 4K60 4:4:4 600MHz 18Gbps Pass through
- 4K60 4:4:4 600MHz 18Gbps > 4K60 4:2:0 300MHz 10.2Gbps conversion
- HDCP Doctor (HDCP Workaround solution to any HDCP error)
- HDCP 2.2 > HDCP 1.4 conversion
- HDCP 1.4 > HDCP 2.2 conversion
- HDCP x.x > HDCP x.x conversion



HDF-INTEGRAL • Reg. \$229.95 **Your Price \$199.95**

HDFury LINKER 4K60 4:4:4 600MHz HDMI Video Processor

- Ultra Scaling up to 4K60 4:4:4 600MHz
- Display HDCP 2.2 Content with Non-HDCP2.2 Compliant Devices
- 2x1 Switcher up to 4K60 4:4:4 600MHz 18Gbps
- Dual HDMI2.0a & HDMI 1.4 combined
- Dual HDCP 1.4 & HDCP 2.2 combined
- HDR & AVI InfoFrame Live Injector and Extractor with Sound.
- HDMI Booster/Extender: Capable of extending 1080p resolution up to 15m. in and 15m. out (30m. total for 1080p), UHD resolution up to 10m.



HDF-LINKER • Reg. \$229.95 **Your Price \$169.95**

Atlona Rondo 4K HDR HDMI Distribution Amplifier

- The Atlona Rondo 444 is a 1x4 HDMI DA, the Atlona Rondo 442 is a 1x2 DA for high dynamic range (HDR) formats.
- It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps.



- Ideal for applications requiring the latest as well as emerging 4K/UHD and HDR sources and displays.
- Compatible with all video resolutions, audio formats, and color space formats supported in the HDMI 2.0a specification, plus the ability to pass metadata for HDR content.
- Includes EDID management features, front panel LED indicators for power and signal status, and the capability to cascade several units without compromising performance.

ATNO-AT-RON-442 • Two-Output HDMI DA **Your Price \$340.00**

ATNO-AT-RON-444 • Four-Output HDMI DA **Your Price \$430.00**

Kramer VM-2HXL 1:2 HDMI Distribution Amplifier

- Max. Data Rate - 2.25Gbps
- HDTV Compatible • HDCP Compliant
- HDMI 1.3a Compliant
- Enhanced EDID (Extended Display Identification Data) - The unit can store and recall a default EDID setting in non-volatile memory from one of the outputs allowing convenient and reliable connection to the source.
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal integrity to travel longer distances.



KR-VM-2HDMIXL • Reg. \$295.00 **Your Price \$236.00**

Kramer VM-8H 1x8 HDMI Distribution Amplifier

- Max. Data Rate - 2.25Gbps.
- HDTV Compatible. • HDCP Compliant.
- HDMI V.1.4 with Deep Color, x.v. Color, Lip Sync, CEC
- I-EDIDPro Kramer Intelligent EDID Processing - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems.
- Kramer Equalization & re-Klocking Technology - Rebuilds the digital signal to travel longer distances. • Active Output LED Indicators.



KR-VM8HDMI • Reg. \$895.00 **Your Price \$716.00**

Kramer VM-4HC 1:4 HDMI Distribution Amplifier

- Max. Data Rate - 6.75Gbps (2.25Gbps per graphic channel).
- HDTV Compatible. • HDCP Compliant.
- Kramer Equalization & re-Klocking Technology - Rebuilds the digital signal to travel longer distances.
- I-EDIDPro Kramer Intelligent EDID Processing - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems. • EDID Acquisition - Default, single output or all connected outputs (auto-mix).
- HDMI Support - Deep Color, x.v.Color, up to 7.1 Uncompressed Audio Channels. • 3D Pass Thru. • Active Input & Output LED Indicators.



KR-VM-4HC • Reg. \$495.00 **Your Price \$396.00**

HDMI DAs & SPLITTERS

**NEW FROM
NAB 2018**

markertek®

NEW!

AVPro Edge HDMI Distribution Amplifiers



The AC-DA14-AUHD is a part of the first true 18Gbps distribution amplifier family. (Others in this family are the AC-DA14-AUHD and

AVPro edge

the AC-DA18-AUHD) This product is ideal on all applications where stable distribution is key. These distribution amplifiers can be cascaded for extended distances and additional outputs.

Where Does It Fit? Retail signal distribution, Bars & Restaurants, Digital Signage, Cascading

AC-DA12-AUHD • 1x2 HDMI DA	Your Price \$199.00
AC-DA14-AUHD • 1x4 HDMI DA	Your Price \$299.00
AC-DA18-AUHD • 1x8 HDMI DA	Your Price \$599.00

AVPro Edge 2x10 Distribution Amplifier with HDBaseT and 8 Receivers

NEW!



- The AC-DA210-HDBT is designed for massive distributions over extreme distances.
- Simplicity and "Plug & Play" are focal points of this unit. With RS-232 and IR you can manage your end points as well for things like "Power On" or "Power Off".

AVPro edge

- Additionally, these have two switchable inputs making for more robust systems. The dual HDMI inputs allow you to expand the switching virtually forever.

AC-DA210-HDBT-KI • **Your Price \$4440.00**



MuxLab 4K HDMI Splitters

MuxLab 500421: Distributes one HDMI source to four displays • Supports up to 1080p @ 60Hz, Deep color 12-bit and 4K 3840x2160 @ 24, 25 & 30Hz • Supports Dolby TrueHD and DTS-HD Master Audio

MuxLab 500423: Distribute one HDMI source to two displays • Support up to 1080p @ 60Hz, Deep Color 12-bit • Support Dolby TrueHD and DTS-HD Master Audio

MuxLab 500425: Distribute one HDMI 2.0 source to two displays • Supports up to 4K @ 60Hz (4:4:4) • HDCP 1.4 and 2.2 compliant • Supports HDR and Deep Color

MUX-500421 • 2K/4K/UHD HDMI 1x4 Splitter • Your Price \$86.00

MUX-500423 • 4K-UHD 1x2 HDMI Splitter • Your Price \$67.00

MUX-500425 • 4K60 Ultra HD HDMI 1x2 Splitter • Your Price \$164.00

tvONE 1T-DA-674 UHD 4K 1x4 HDMI v1.4 Digital Signal Distribution Amplifier

BEST seller



tvONE

- HDMI v1.4, HDCP 1.1 and DVI 1.0 Compliant
- Allows distribution of 4 Outputs
- 3D video resolution support (Frame Pack, Side/Side)
- Supports 10/12-bit Color Depth Display • Supports PC resolutions to WUXGA / 4kx2k@30Hz • Supports HDTV resolutions to 1080p60 • Supports SDTV resolutions of 480i and 576i • Signal Equalization feature enables longer cable runs • Supports Automatic Discovery of Monitor EDID

TV1-1T-DA-674 • **Your Price \$395.00**

KanexPro 1x8 HDMI Distribution Amplifier Kit

NEW!

- Distribute & Extend HDMI over single CAT5e/6 to eight HD displays • Includes 8-independent receivers
- Supports transmission distance up to 394 ft. (120m) • Supports full HD 1080p (1920 x 1080@60Hz)
- Control via IR (kits included)
- Supports 5.1, 7.1 digital audio and uncompressed LPCM
- Live status indicator thru LED's • HDCP 1.4 & EDID support for multiple displays
- Simple set up with zero configuration • Wall-mountable design



KanexPro™

KAN-SP-HDCAT1X8 • Reg. \$1299.95 **Your Price \$1099.00**

KanexPro Ultra-Slim 18G 4K HDMI 4-Port Distribution Amplifier

NEW!

- Ultra-Slim 1x4 HDMI DA with 4K UHD resolutions
- Supports 1080p/60 & 4K/60Hz resolutions
- Supports YUC 4:4:4 color space with HDR 10
- Incredibly thin design - only 0.4" thick
- High-bandwidth 18 Gbps • Transmits 4K up to 10m (32ft.) • HDCP 2.2 compliant
- Auto-identifies input resolutions to match displays • Supports EDID management
- Firmware update via micro USB • Perfect for installing behind a thin bezel display



KanexPro™

KAN-SP-1X4SL18G • **Your Price \$189.00**

KanexPro UltraHD 4K HDMI DAs with EDID Selector

- Distribute 4K HDMI video and audio signals to up to eight displays
- Supports full HD 1080p (1920 x 1080@60Hz) & 4K UHD
- Conforms to High Speed HDMI specifications- (Deep color, HD lossless audio formats & Lip Sync)
- Supports Dolby Digital, DTS-HD and Dolby True HD audio
- HDCP 2.2 compliant • Built-in Smart EDID Control
- HDMI audio: LPCM 7.1CH, Dolby TrueHD & DTS-HD Master Audio
- Front-panel LED's for input/ output signal presence



KanexPro™

KAN-HDSP164K • 1x16 • Reg. \$399.95 **Your Price \$269.00**

KAN-HDSP184K • 1x8 • Reg. \$199.95 **Your Price \$149.89**

KanexPro 1X2 HDMI Splitter with 4K Cinema Resolutions

- Distribute high-resolution HDMI signals to 2 Ultra HD displays
- Supports full 3D and 4Kx2K resolution
- Supports full HD 1080p (1920 x 1080@60Hz)
- Computer resolution up to WUXGA (1920 x 1200@60Hz)
- HDCP & CEC compliant Supports
- Supports latest HDMI High Speed Specifications
- 12-bit per channel (36-bit all channel) Deep color
- Compact metal enclosure



KanexPro™

KAN-SP-HD1X24K

KAN-SP-HD1X24K • 1x2 Splitter **Your Price \$37.99**

KAN-SP-HD1X44K • 1x4 Splitter **Your Price \$64.99**

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

Artel FiberLink 3G/HD/SD-SDI One Fiber Optic SM and MM Box with ST Connectors

- The Fiberlink® 3350 Series allows you to transmit 3G, HD or SD-SDI as per SMPTE 424M-2006, 292 and 259, with or without embedded audio and data, as well as DVB-ASI over one single mode or multimode fiber.
- The 3350 Series is compliant with SMPTE 297-2006 and has the ability to operate seamlessly with Fiberlink® Matrix and other SMPTE 297-2006 fiber optic compliant devices.
- The 3350 Series is immune to pathological signals over the entire budget link and operating temperature range.



CSI-3350-B7S • Transmitter • Reg. \$1095.00 Your Price \$945.49

CSI-3351-B7S • Receiver • Reg. \$1095.00 Your Price \$945.49

Artel FiberLink 1310nm SM and MM Composite Video & 2-Channel Audio Box with ST Connectors

The Fiberlink® 3620 Series transmits composite video and two independent audio channels over one multimode or single mode fiber.

- 10 MHz video bandwidth per channel
- Video channel is compatible with NTSC, PAL or SECAM video standards
- Two audio channels that may be user-configured for balanced or unbalanced inputs and outputs
- Switch selectable audio output gain boost of +0 dB or +6 dB
- Indicator LEDs monitor power, video and audio signals



CSI-3620A-B7S • Transmitter • Reg. \$985.00 Your Price \$850.49

CSI-3621A-B7S • Receiver • Reg. \$1835.00 Your Price \$850.49

Artel FiberLink One-Way 3G/HD/SD-SDI with Two-Way Audio/Data/Ethernet over 1 Fiber Box - SM/ST


The SDI Flex 3390 Series allows you to transmit 3G, HD or SD-SDI as per SMPTE 424M-2006, 292 and 259 as well as DVB-ASI. If you have previously embedded audio or data into your SDI signal, the SDI Flex will retain the audio and data, bit-for-bit, throughout the entire transmission process.

- All channels are independent and available simultaneously.
- SDI signal is equalized and re-clocked prior to fiber optic transmission.
- SDI output is re-clocked after optical reception.

CSI-3390-B7S • Transmitter • Reg. \$3295.00 Your Price \$2845.49

CSI-3391-B7S • Receiver • Reg. \$3295.00 Your Price \$2845.49

Artel FiberLink Fiber Optic Box 1310nm WXGA 2 Channel Audio SM or MM - ST

- The Fiberlink 7220 Series digitally transmits high-resolution RGB (up to WXGA) and stereo audio over one single mode or multimode fiber optic core at 1310 nm wavelength.
- Ideal for point-to-point, point-to-multipoint and drop-and-repeat applications, it supports VGA, SVGA, XGA and WXGA (640 x 480 up to 1366 x 768) and HDTV resolutions of 480p, 720p, and 1080i (RGBHV format only).
- Complete, ready-to-install kits are available for both Box and Card versions
- Card versions fill one slot in 6000A card cage • RoHS Compliant



7220-B7S • Transmitter • Reg. \$1205.00 Your Price \$1040.49

7221-B7S • Receiver • Reg. \$1205.00 Your Price \$1040.49

VIDEO OVER FIBER

MuxLab 500771 KVM DVI over IP PoE Extender Kit


- One operator can manage multiple servers/workstations
- Supports DVI up to 1920x1200 and 1080p @ 60Hz
- Receiver side includes a 4-port USB hub, for KVM applications
- Up to 330ft (100m) over Cat5e/6
- Supports 100's of Transmitters & Receivers depending on network bandwidth
- Supports multiple point-to-point, and point-to-multipoint applications
- Supports audio insert & mic-out (TX), and audio extract & mic-in (RX)

MUX-500771 • Reg. \$946.00 Your Price \$648.00

MuxLab 500701 HD-SDI Balun


The HD-SDI Balun (500701) allows one HD-SDI signal to be transmitted up to 150 ft (45m) via Cat5e cable at HD resolution in a point-to-point configuration. The HD-SDI Balun supports transmission of up to 2.97/3.0 Gbps uncompressed, unencrypted digital video (optionally including embedded Audio and/or Time Code) within television facilities and between professional video equipment.

MUX-500701 • Reg. \$63.00 Your Price \$43.00

MuxLab 500016 S-Video Videoease CAT5 Balun


The VideoEase S-Video Balun allows one (1) S-Video channel to be connected via two (2) unshielded twisted pairs. Used in pairs, the S-Video Balun is used in home or commercial applications as a smart, fast and cost-effective means of connecting S-Video equipment using twisted pair instead of coax cable. The S-Video Balun may also be used in conjunction with MuxLab's CCTV-Audio/Video Hub (500200) for video distribution to multiple monitors. Ideal for video-conferencing, audio-video distribution, S-Video and other dual audio-video systems.

MUX-500016 • Reg. \$32.00 Your Price \$21.00

MuxLab 500050 VideoEase Component Video/Digital Audio Balun

The Component Video/Digital Audio Balun (500050, 500051) allows one component video (YPbPr or RGB) signal and one Digital Audio signal to be transmitted via cost-effective unshielded twisted pair (UTP) cable in a point-to-point configuration. Used in pairs, the Component-Digital Balun supports 480i/p, 720p and 1080i/p video formats for hi-definition (HDTV) video applications.

MUX-500050 • Reg. \$90.00 Your Price \$61.00



THOR FIBER

Thor Fiber Digital RF Pocket Modulator with A/V or HDMI In and QAM/ATSC/DVBT/ISDBT Output



TheH-PCKT-MOD modulator supports all cable and terrestrial standards. Easy to read LCD screen and simple push button controls means anyone can setup their own personal Cable QAM channel from any HDMI source in a matter of seconds.

- MPEG2 Encoding
- Closed Caption available via CVBS input
- Supports multiple digital TV standard (ATSC, DVB-C (Cable QAM), ISDB-T, DVB-T)
- Easy to use color LCD panel and 6 key buttons
- Supports AC3 and AAC

• Optimized for cascading multiple modulators on your coaxial network

THR-PCKT-MOD • Reg. \$556.25 Your Price \$445.00

Thor F-4TEL Fiber Optic to RJ11 Telephone Media Converter

- Extend 4 telephone voice transmission from 2km(multimode) to 120km(singlemode) over fiber
- Simple plug and play devices, install and use within minutes
- Supports telephone voice transmission
- Supports caller ID pass through
- Selectable FXO or FXS mode
- Supports FXS to FXS hot link

THR-4TEL • Reg. \$1493.75 Your Price \$1195.00



Thor Fiber Gigabit Ethernet 1000Mbps to Fiber Converter for Singlemode Fiber



- Compliant with IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX/LX standard
- Auto MDI/MDI-X support on RJ-45 port
- Auto polarity correction on RJ-45 port

- Local and Remote loop back test for first time installation and troubleshooting
- Low power consumption • Compatible with other Gigabit 1000Base-T/SX/LX devices
- Status LEDs for easy monitoring of device status • External power supply
- FCC Class A & CE approved

THR-F-GET-TR-SM • Reg. \$181.19 Your Price \$144.95

Thor Fiber 4-Channel HDMI/YpPbr/Composite to QAM Encoder Modulator with Low Latency & IPTV Streamer



- 70 ms Low Latency encoding feature for low delay display
- 4x HDMI/YpPbr Input and 1x ASI Input / QAM, IPTV, & ASI Output
- Distribute or Broadcast any live HDMI digital video source
- Combination Encoder, Modulator, IPTV Server, & ASI Mux - Closed Caption 608 via Analog Input
- Controlled through web server on separate network port
- Encodes in MPEG-2 or H.264 video codecs at 0.5 - 19 Mbps

THR-4ADHD-QAM-IP • Reg. \$3743.75 Your Price \$2995.00

**NEW FROM
NAB 2018**

markertek®

NEW!



Thor Fiber 12 HD/SD-3G SDI CATV RF Modulators

Thor Broadcast's high density HD encoder RF modulator has an all new platform for modulation for up to 12 SDI Inputs in SD/HD/3G-SDI sources while simultaneously being able to output IP Transport Streams from those sources.

The **H-12SDI-QAM-IPLL** is a CATV Digital Modulator with 12 SDI Input + ATSC/QAM RF INPUT, IPTV TS INPUT and CATV RF COAX Output + IPTV TS output + ASI output - LOW LATENCY - UP to 1080p/60.

The **H-12SDI-ATSC-IPLL** is a 12 HD/SD-3G SDI input to ATSC (OFF AIR) RF Output Modulation and IPTV output supporting Low latency up to 1080p/60 12 SDI to CATV RF Modulator and IP Video Encoder.

H-12SDI-ATSCIPLL • Reg. \$16243.75 Your Price \$12995.00

H-12SDI-QAM-IPLL • Reg. \$16243.75 Your Price \$12995.00

Thor Fiber 12 HDMI Input to CATV RF QAM Output and IPTV Output

The high capacity H-12HDMI-QAM-IPLL Encoder Modulator from Thor Broadcast has a sophisticated redesigned platform for enabling modulation of up to 12 HDMI sources and 12 CVBS CC(Closed Caption) sources simultaneously.

- (Data 1 port) over UDP and RTP
- MPEG1 Layer II; Dolby AC3, AC3 pass through ; MPEG-2 AAC, MPEG-4 AAC
- HD (1080i/720p) to SD (576p/480p) downscale conversion
- 1MPTS and 24 SPTS IP (DATA1 and DATA2 port) output over UDP, RTP/RTSP
- ASI output mirrors one of the RF carriers

H-12HDMI-QAMIPLL • Reg. \$10993.75 Your Price \$8795.00



Thor Fiber High Density Encoder Modulators with up to 24 Inputs for CVBS Video

The **H-24AV-ATSC-IP** is a 24 channel CVBS (Baseband Video) to DVBT and IP robust 1RU system for building a whole headend in as little rack space as possible.

The **H-24AV-QAM-IP** is a 24 channel CVBS -composite analog video / audio to QAM digital modulator and IPTV streamer. Robust 1RU system for building a whole headend in as little rack space as possible.

- 8/12/16/20/24 A/V CVBS inputs with MPEG2 Encoding - Modulated 4 RF output - and 4 MPTS's IP TS output
- MPEG1 Layer II, AC3(2.0) Audio encoding and supports audio gain adjustment
- 1DVB-C tuner input for re-mux
- 128 IP input over UDP and RTP protocol
- 4 groups of multiplexing/scrambling/modulation output channels

THR-24AV-ATSC-IP • Reg. \$5493.75 Your Price \$4395.00

THR-24AV-QAM-IP • Reg. \$5493.75 Your Price \$4395.00

Thor Fiber 1Ch HD-SDI Transmitter & Receiver Kit Over Singlemode Fiber S7/PC 20km

Transmit HD-SDI video over distances of up to 12 miles!



Thor compact SDI fiber extender kits are designed to increase the range of digital SD-SDI or HD-SDI video signals over singlemode or multimode fiber optic cable.

- Supports full rate HD-SDI @ 1.5Gbps or lower SDI or ASI digital video
- Transports embedded audio channels as well as SDI ancillary data
- Return path serial RS-485 channel for controlling equipment on Tx end
- Link alarm indicators on both Tx & Rx indicate a problem with the fiber

THR-M1SDI-TX-RX • Reg. \$436.25 Your Price \$349.00

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

AJA FiDO Series Fiber / SDI Converters

- Transport of SDI, HD-SDI, and 3G HD-SDI over single mode optical fiber
- Auto-detection of video format
- All SDI Ancillary data including embedded audio is passed
- LC fiber connectors
- Simplex or duplex models available
- All inputs, either SDI or fiber, are equalized and re-clocked
- ASI compatible
- Useful for eliminating ground loop problems


AJA-FIDO-T-ST
AJA VIDEO SYSTEMS
AJA-FIDO-2R • Dual Channel Fiber to SDI Receiver..... Your Price \$645.00
AJA-FIDO-2T • Dual Channel SDI to Fiber Transmitter..... Your Price \$645.00
AJA-FIDO-R-ST • 1-CH ST Fiber to SDI w/Dual SDI Outputs..... Your Price \$445.00
AJA-FIDO-T-ST • 1-CH SDI to ST w/ with Looping SDI Out..... Your Price \$445.00
AJA-FIDO-TR • AJA FiDO-TR SDI/Fiber Transceiver Your Price \$645.00
AJA Single Channel SDI/LC Fiber Transceiver Multi-Mode SFP

- Duplex connection (LC connector)
- 3G/HD/SD-SDI INPUT and OUTPUT
- Bidirectional, dual channel fiber
- Universal Power Supply
- Compact and Portable
- Single Channel SDI/LC Fiber transceiver, Multi-Mode SFP


AJA-FIDO-TR-X • Your Price \$545.00
AJA VIDEO SYSTEMS

AJA FiDO 4K/UltraHD Quad-channel 3G-SDI to ST Fiber Mini-Converter

- Convert 4K/UltraHD/HD 3G-SDI to/from Fiber Digital Optical
- Maximize distance with Fiber connectivity
- Carry 4x HD signals up to 10 km over one optical cable
- Ideal for mobile broadcast, studio and venue infrastructures
- Versatile and rugged; suitable for indoor or outdoor use



- 4x Single mode optical fiber, ST connectors

AJA-FIDO-4T-ST • Transmitter • Your Price \$1495.00
AJA-FIDO-4R-ST • Receiver • Your Price \$1495.00
AJA Hi5-Fiber HD/SD-SDI over Fiber To HDMI Video and Audio Converter

- Fiber optic HD/SD-SDI to HDMI
- Supports single mode 1310 nm fiber optic cable with ST receiver
- Full HDMI support including embedded audio
- Additional 2 Channel RCA jack audio output
- No configuration necessary
- HDMI V1.2 standard
- 1m HDMI cable included
- 5 year warranty


AJA-HI5-FIBER • Your Price \$695.00
AJA VIDEO SYSTEMS

VIDEO OVER FIBER

Lynx 4 Channel Fiber CWDM Optical Mux/Demux with LC Connectors 1450-1530

The OCM 1843 is a compact CWDM passive 4 channel optical multiplexer/demultiplexer designed to send and receive up to 4 individual signals over a single fiber link.

- Send / receive up to 4 channels over a single fiber link
- Passive operation (no power required)
- Combine all four modules for up to 16 channels
- LC/PC single mode optical connections
- Optional 1/2 RU 19" rack frame (RFR 1018)

LNX-O-CM-1843 • Reg. \$1175.00 Your Price \$1116.25

LYNXTechnik yellobrik
Yellobrik 3Gbit SDI to Fiber Optic • ST Singlemode

The OTX 1812 is a compact SDI to fiber optic transmitter designed to combat the restrictions involved with the distribution of uncompressed broadcast quality video signals over long distances.


LYNXTechnik yellobrik

- 1 x fiber optic singlemode output via ST connection • SMPTE 297M - 2006
- Wavelength 1310nm, Optical power -5dBm • TX active LED on side of module
- Max. distance 10km (6.2 miles) @ 3Gbit/s (Singlemode)

LNX-ORX-1802-ST • Receiver • Reg. \$444.00 Your Price \$421.80
LNX-OTX-1812-ST • Transmitter • Reg. \$444.00 Your Price \$421.80
LYNX Technik Yellobrik SD/HD/3G Dual Channel SDI to Fiber Converter

- Dual Channel - 2 Independent SDI to Fiber Converters
- Supports SDI video I/O up to 3Gbit/s (1080p60)
- Reclocking at 270Mbit - 1.5Gbit - 3Gbit (auto-detect)
- Error free optical transmission
- Up to 10Km (6.2 miles) @ 3Gbit (Singlemode)
- LC/PC optical connection
- 1310nm Wavelength (both channels) -5dBm
- Supports hot swapping and hot plugging

LNX-ORR-1802 • Receiver • Your Price \$569.05
LNX-OTT-1812 • Transmitter • Your Price \$569.05
LYNXTechnik yellobrik

LYNX Technik 4k (12G) Fiber Transmission System

- Support for 4 independent 3G/HD/SD-SDI channels
- Transport 4K (uncompressed) up to 20km (12 miles)
- Each channel supports resolutions up to 1080p/60Hz
- Each channel individually reclocked
- Embedded audio / metadata support
- Integrated expansion port for future use
- LED indicators for channel activity and power
- Fiber LC Connectors


LYNXTechnik yellobrik
LNX-OTR-1441 • Reg. \$5225.00 Your Price \$4963.75

VIDEO OVER FIBER

**NEW FROM
NAB 2018**

markertek®

FiberPlex TD-6010 (Pair) Optical Converters

The FiberPlex Technologies 'TKIT' bundles takes the incredible flexibility of the TD-6010 12.5 Gbps workbox and bundles it with a set of application specific SFP modules to create a simple, easy to order solution for your specific application. Includes AC Power Adapters. All TKIT boxes come equipped with a USB 2.0 Micro-B Connection for monitor control.



fiberplex

TKIT-HDMI-M • HDMI Video to Multimode - Optimized 850nm - 500m • **Your Price \$2134.00**

TKIT-HDMI-S • HDMI Video to Singlemode - Optimized 1310nm 20km • **Your Price \$2380.00**

TKIT-MADI-M • MADI (AES10) to Multimode - 1310nm 2km • **Your Price \$1750.00**

TKIT-MADI-S • MADI (AES10) to Singlemode - 1310nm 20km • **Your Price \$1936.00**

TKIT-3GXC-M • 3GSDI Video to Multimode - Optimized 850nm • **Your Price \$1858.00**

TKIT-3GXC-S • 3GSDI Video to Singlemode - Optimized 1310nm • **Your Price \$2104.00**

TKIT-ETH-M • 10/100/1000 Base-T Ethernet to Multimode - 1310nm 2km • **Your Price \$1169.95**

TKIT-ETH-S • 10/100/1000 Base-T Ethernet to Singlemode - 1310nm • **Your Price \$1416.00**

TKIT-DANTE-M • Preconfigured DANTE to Multimode - 1310nm 2km • **Your Price \$1204.95**

TKIT-DANTE-S • Preconfigured DANTE to Singlemode - 1310nm 20km • **Your Price \$1416.00**

BroaMan REPEAT48 BNC to Fiber 1RU Video Repeaters

The Repeat48 Series is a group of fiber video or MADI BNC repeaters with up to 12 dual-channel electrical-optical-electrical 3G/HD/SD-SDI or MADI modules which provide 24 BNC Coax-to-fiber repeater ports.



BroaMan
Broadcast Manufacturer

- Each port is configured by the factory to be either input or output.
- The REPEAT48-12 - six dual channel electrical-optical-electrical 3G/HD/SD-SDI modules which provide 12 BNC Coax to Fiber repeater ports.
- The REPEAT48-24 - twelve dual channel electrical-optical-electrical 3G/HD/SD-SDI modules which provide 24 BNC Coax to Fiber repeater ports.

BRM-REPEAT48-12 • 12 BNC to Fiber Video Repeater • **Your Price \$4350.00**

BRM-REPEAT48-24 • 24 BNC to Fiber Video Repeater • **Your Price \$7700.00**

Blackmagic Design Mini Converter Bi-Directional Transceiver SDI to LC Optical Fiber Extender

- SDI to Optical Fiber Conversion Bi-Directional Capability
- Advanced 3Gb/s SDI Technology Automatic Switching SD and HD
- High-Speed USB 2.0 Port Includes Universal Power Supply



BMD-MCOF • **Your Price \$195.00**

Blackmagic Bidirectional 6G-SDI 4K to LC Fiber Mini Converter



- SD/HD/6G-SDI to Optical Fiber Conversion
- Optical Fiber to SD/HD/6G-SDI Conversion
- Supports 4K and Ultra HD Signals
- Automatic SD, HD, and 6G Switching
- Output Resolution Matches Input
- 4:4:4 and 4:2:2 RGB and YUV Support
- 48kHz 24-Bit Audio
- USB 2.0 Port for Updates
- 12V Universal Power Supply Included

BMD-CONVMOF4K • Reg. \$495.00 **Your Price \$495.00**

Thor Fiber 1 Channel HD-SDI Transmitter & Receiver Kit over Singlemode Fiber ST/PC 20km



- Thor Fiber Micro SDI Fiber Extender Kits are designed to increase the range of digital SD-SDI or HD-SDI video signals over single mode or multimode fiber optic cable.

- Thor SDI extenders increase this distance to more than 80 miles by using lasers to send the data over fiber cable.
- Standard TX/RX kit F-MicroSDI-TX/RX with ST/PC connectors support single mode fiber up to 20Km or 2000 feet over multimode fiber.
- Supports full rate HD-SDI @ 1.5Gbps or lower SDI or ASI digital video
- Transports embedded audio channels as well as SDI ancillary data
- Return path serial RS-485 channel for controlling equipment on Tx end
- Link alarm indicators on both Tx & Rx indicate a problem with the fiber
- Status indicators for data rate and lock

THR-MICROSDITXRX • Reg. \$436.25 **Your Price \$349.00**

Thor Fiber SD/HD 3G-SDI Over Single Fiber CWDM Uncompressed Rack-Mountable

- Comes in a kit (Tx & Rx) and are standard configuration Fiber Optic Transmitter and Receivers for Serial Digital signals up to 3G-SDI running at 3.0 Gbps.
- No configuration or management is needed, as the system automatically adjusts to any input signal type regardless of bit rate or protocol.
- Easy to read LED indicators for Input Signal Detect and optical link are present for all channels.
- Units come standard with ST/PC fiber connectors and a 1RU 19" rackmount form factor to keep your rack clean.

THR-1SDI-3GTRXRM • 1 Channel • Reg. \$1562.50 **Your Price \$1250.00**

THR-2SDI-3GTRXRM • 2 Channel • Reg. \$3743.75 **Your Price \$2995.00**

THR-4SDI-3GTRXRM • 4 Channel • Reg. \$4993.75 **Your Price \$3995.00**

THR-6SDI-3GTRXRM • 6 Channel • Reg. \$7493.75 **Your Price \$5995.00**

THR-8SDI-3GTRXRM • 8 Channel • Reg. \$9993.75 **Your Price \$7995.00**

Multidyne SilverBullet Mini 3G HD/SDI Fiber Optic Link Kit

The SilverBULLETS are a highly portable and economical solution for transporting multi-rate SDI signals from 5 Mb/sec all the way up to 3 Gb/sec on singlemode or multimode fiber.

MultiDyne



- Supports SMPTE 424M, 292M, 259M, 310M, 344M, 305M & DVB-ASI
- Equalizes 120m of Gepco VSD2001 or Belden 1694A cable at 3 Gb/sec
- Equalizes 150m of Gepco VSD2001 or Belden 1694A cable at 1.485 Gb/sec
- Supports embedded audio and data • Monitor optical power level at RX
- Non re-clocking • Singlemode fiber recommended • ST optical connector
- Small, rugged, portable • Stand-alone or rack
- Power supplies and convenient case included • International AC adapters included

SILVERBULLET-KIT • **Your Price \$1099.95**

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

**Atlona 4K HDR HDMI Over 100 M HDBaseT TX/RX
with Ethernet Control PoE and Return Audio**

- Cost-effective and ideal for applications requiring the latest as well as emerging 4K/UHD and HDR sources and displays.
- 4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats • HDCP 2.2 compliant
- HDBaseT extender kit for HDMI®, Ethernet, power, and control up to 330 feet (100 meters) • Receiver powered by transmitter via PoE (Power over Ethernet)
- Extends RS-232, IR, Ethernet, and CEC control signals over HDBaseT
- Delivers return audio from a TV via dedicated audio pathway

ATNO-ATEX100CEAK • Your Price \$920.00

Atlona 4K/UHD HDMI Over HDBaseT TX/RX

- Transmits HDMI signals up to 230 feet (70 meters) @ 1080P and 130 feet (40 meters) @ 4K/UHD using CAT6a/7 cable
- Uses easy-to-integrate category cable for low-cost, reliable system installation
- Future proofs AV systems in preparation for technology improvements, 4K/UHD streaming services and playback devices
- HDCP 2.2 compliant • Field updatable firmware • Rear panel I/O connectors
- LED indicators provide power and status information
- Easy installation into racks and confined spaces behind displays

- ATNO-UHDEX70KIT • HDBaseT TX/RX Kit with PoE Your Price \$400.00**
ATNO-UHDEX702PS • HDBaseT TX/RX Kit Your Price \$310.00
ATNO-UHDEX70CKIT • HDBaseT TX/RX w/ Control & PoE Your Price \$500.00
ATNO-UHDEX70CRX • HDBaseT Receiver w/ Control & PoE Your Price \$250.00
ATNO-UHDEX100CER • Over 100M HDBaseT RX w/ Control & PoE \$350.00
AT-UHDEX100CEKIT • Over 100M HDBaseT TX/RX w/ Control & PoE \$700.00


Atlona HDBaseT Scaler with HDMI and Analog Audio Outputs

- Receives HDMI and VGA/Audio signals up to 230 ft (70m) @ 1080p over CAT6a/7 and 197 feet (60 m) @ 1080p over CAT5e/6
- Scales output video signals up to 1080p/60Hz and 1920x1200; Set preferred input resolution from 800x600 to 1920x1200
- Industry standard IEEE 802.3af PoE supplied by the receiver over HDBaseT



- Provides two channel, analog audio signal on balanced captive screw connectors

ATNO-HDVS-150-RX • Your Price \$500.00
**Atlona Two-Input Wall Plate Switcher for
HDMI and VGA/Audio to HDBaseT**

- Shallow, 1.5 in (40 mm) deep wall plate simplifies integration with recessed RJ-45 connector
- Attractive alternative to table-top boxes for placement near presenter station
- Features an HDMI input plus VGA input with 3.5mm audio connector
- Allows advanced HDMI display devices to be used with legacy VGA sources
- Transmits AV signals up to 230 ft (70m) @ 1080P and 130 ft. (40m) @ 4K/UHD using CAT6a/7 cable


ATNO-HDVS150TXWP • Your Price \$450.00

HDBaseT EXTENDERS

**Avenview HDBaseT HDMI CAT5/6/7 Repeater with
POE/LAN/RS-232/ Bi-directional IR 100m**

- Simply allows HDBaseT systems to be both extended and cascaded.
- Input: HDMI with 3D & 4Kx2K, 1080p, HDCP and DVI compliant • Video bandwidth: From 300MHz / 9 Gbps
- PC resolutions: Up to VGA to WUXGA
- HD resolutions: Up to 4Kx2K (3840x2160@30Hz and 4096x2160@24Hz) 1080p (1920x1080@60Hz)
- Audio supported: LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio
- Audio transmission: (32-192kHz sample rate)
- Supports: CEC bypass • Distance: Up to 100 meters through CAT6e/6a/7 cables

AVW-HBT-C6POE-EX • Your Price \$395.00

**Magenta HD-One DX Transmitter Only Extend HDMI
(Video + Audio Only) - 4K UHD (60m) 1080P**

- High-speed x8 PCI Express connection
- Low profile bracket provides for easy installation in low profile computers
- Easily visible LEDs indicate correct installation and PCIe link width • Low power consumption - less than 4 Watts
- LEDs show status of connection for quick debug- reset indicator, clock indicator, link width indicator
- Supports Spread Spectrum Clocking, LOS (Loss of Signal), LOL (Loss of Lock Indicator)
- Low Latency and Low Jitter


MGE-2211093-2 • Your Price \$280.00
**Kramer 4K60 4:2:0 Long-Reach
HDBaseT Transmitter & Receivers**

- High-performance, long-reach HDBaseT receivers for 4K@60Hz (4:2:0) DVI/HDMI, RS-232 and IR signals over twisted pair.
- They extend video signals to up to 40m (130ft) over CAT copper cables at up to 4K@60Hz (4:2:0) 24bpp video resolution and provide even further reach for lower HD video resolutions.
- The TP-580RA de-embeds the stereo audio signal on its digital and analog audio ports.
- The TP-580TD is a high-performance, long-reach HDBaseT transmitter for 4K@60Hz (4:2:0) HDMI, RS-232 and IR signals over twisted pair, via single-link DVI-I connection.


KR-TP-580RA • Receiver - Stereo Audio Extraction • Your Price \$428.00
KR-TP-580RD • Receiver • Your Price \$348.00
KR-TP-580TD • Transmitter • Your Price \$348.00

**Kramer HDMI - Bidirectional RS-232 &
IR over HDBaseT Extenders**

- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel).
- HDMI Support - Deep Color, x.v.Color, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, CEC.
- 3D Pass-Through. • EDID PassThru • 2K & 4K Support.
- Bidirectional RS-232 & IR Interface. • System Range - Up to 70m (230ft).

KR-TP-580T • Transmitter • Reg. \$240.00 Your Price \$192.00
KR-TP-580R • Receiver • Reg. \$240.00 Your Price \$192.00

HDBaseT EXTENDERS

**NEW FROM
NAB 2018**

markertek®

KanexPro 4k/30Hz HDMI Extender Over HDBaseT - 230 Feet & PoC

NEW!



- Basic point-to-point HDMI extender over HDBaseT
- Extend full HD 1080p up to 70m (230ft.)
- Extend 4K/30 up to 40m (131ft.)
 - Supports Ultra HD 4K@30Hz resolutions &
 - Video resolutions from 1080p/60@48bit
 - Bi-directional PoH (power over cable)
- HDCP 2.2 & EDID compliant
- Bandwidth 10.2 Gbps
- Bi-directional RS-232 & IR control

KanexPro™
CHDBT™

- Supports CEC/IR/RS-232 pass-thru
- IR input/output - embedded over CATx extension

- Dolby TrueHD & DTS Master Audio ready • Supports uncompressed audio - LPCM

KAN-EXT-HDBT70C • Reg. \$249.95 Your Price \$225.00

Kanex Pro HDBaseT Extender with 2-Port Ethernet Switch



- Extend uncompressed HDMI signals up to 330 ft. (100m) on single CAT6 cable
- Integrates 2-Ethernet ports for network devices
- Supports resolutions from 1080p/60@48bit to Ultra HD 4K
- Bandwidth up to 10.2 Gbps
- HDCP, CEC and EDID compliant

KanexPro™
CHDBT™

- Infrared Signal Input/Output, embedded over extension
- Audio support: Dolby TrueHD & DTS Master Audio

- Uncompressed audio support such as LPCM • RS-232 Control
- Locking HDMI connectors to avoid dis-engagement & signal loss

KAN-HDBASE100ME • Reg. \$649.95 Your Price \$599.00

Gefen Extender for HDMI with POL

- Extends HDMI and 3DTV up to 230 feet (70 meters) over a single CAT-6 or up to 198 ft. (60 m) over a single CAT-5e

- HDMI Features Supported: Resolutions up to 1080p Full HD
- HDCP-compliant • 12-bit Deep Color
- LPCM 7.1 audio, Dolby TrueHD, Dolby Digital Plus, and DTS-HD Master Audio
- 3DTV pass-through • CEC pass-through • Lip Sync pass-through
- Bi-Directional IR remote control of devices

GEF-HDBT-POL-BK • Reg. \$350.55 Your Price \$247.00

Hall Research VGA HDMI MHL Auto-Switching HDBaseT Wall-Plate

- 3 inputs handle VGA, Component, HDMI (or DVI), and even MHL
- Supports phone charging feature if MHL source is detected
- VGA input is scaled to 1080p or user specified output resolution to ensure proper image
- Supports all HDMI resolutions including 4K (UHD)
- Can scale HDMI output resolution • Uses only one Cat6
- Distance to 500 ft (150m) at 1080p, or 330 ft (100m) at 4K resolution



HRT-UHBX-SW3 • Your Price \$1116.25

AVPro Edge Ultra Slim 100 Meter (100M HD) 4K60 4:4:4 HDR HDBaseT Extender

- The AVPro Edge AC-EX100-444-KIT HDBaseT extender can deliver a virtually lossless high bandwidth 4K HDR signal with support for all signals up to 18Gbps

- HDMI 2.0(a/b)
- 2 Ethernet ports (on Tx & Rx) for extending a LAN network
- 18Gbps Bandwidth Support (Using ICT) • Ultra Slim Chassis
- Up to 4K60 4:4:4 Support • Full HDR Support (HDR 10 & 12 Bit)
- HDR, HDR10 and HLG Support • Dolby Vision Support
- 4K --> 1080P Down-scaling for mixed systems
- EDID Management and EDID emulate
- 4K & HD Test Patterns built into Tx and Rx for troubleshooting
- L/R Audio Extraction via Toslink • HDCP 2.2 (and all earlier versions supported)
- CEC Pass Through • 3D Support • 100M 4K (up to 4K60 4:4:4, HDR) (Cat6a)

AC-EX100-444-KIT • Your Price \$1199.00



AVProedge™
CHDBT™

Zigen HDBaseT HDMI Tx/Rx Extender Kit (70 Meters)



- Extend HDMI up to 70 meters (228 feet) over single CAT5e
- Supports digital video formats in 480i, 480p, 720p, 1080i, 1080p, 1920x1200, 2K and 4K. 4K/2K, 30Hz 24fps. 4K/2K, 60Hz, 24fps with 4:2:0 pixel format
- POE - IEEE 802.3af (48V up to 13W)
- HDCP Compliant • HDBaseT Technology
- Bi-directional RS232 • Bi-Directional IR
- CEC Pass Through

ZIG-POE-70 • Your Price \$399.00

Zigen 70 Meter HDBaseT HDMI Over CAT5a/6/7 Extender Set - ARC/4K/Audio/IR/RS232/3D

- Supports HDMI 1.2, 1.3 and 1.4 with 48-bit deep color • 4K / 2K, 30Hz, 24bpp
- 4K / 2K, 60Hz, 24bpp with 4:2:0 pixel format
- Supports digital video formats in 480i, 480p, 720p, 1080i, 1080p, 1920x1200, 2K and 4K.
- Supports uncompressed PCM 2- Ch., 5.1, 7.1, Dolby Digital, DTS, Dolby TrueHD, DTS HD-Master Audio and more.



ZIGEN™
CHDBT™

ZIG-HVX-70 • Your Price \$299.00

ATEN VE801 HDBaseT Lite HDMI Extender Set - 230ft Range

- HDBaseT Connectivity - extends an HDMI connection over a long distance via one Cat 5e/6/6a cable
- HDBaseT Anti-jamming - resists signal interference during high-quality video transmission using HDBaseT technology
- Configures optimum EDID settings for smooth power-up



ATEN™
CHDBT™

ATEN-VE801 • Reg. \$335.00 Your Price \$296.95

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

**Ocean Matrix HDMI Over IP Extender
HDMI to CAT5/CAT6 Converter**

- Supports Multiple Receivers (up to 8) from a Single HDMI Extender / Transmitter
- 36 Bit Deep Color Support
- May Also be Used as a Standard Point-to-Point (up to 120 meters) Transmit & Receive for On-Location Monitoring & Content Delivery
- Supports DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3/DSD Audio Formats
- Transmission Rate Supported: 10.2Gbps • Robust Aluminum Housing



OMX-HDMI-2-IP • TX/RX Set..... Reg. \$130.00 **Your Price \$125.00**
OMX-HDMI-2-IP-R • Receiver Only Reg. \$95.00 **Your Price \$89.95**
OMX-HDMI-2-IP-T • Transmitter Only Reg. \$80.95 **Your Price \$77.95**

**Ocean Matrix 1080p HDMI Extender over
Single Cat6 with Looping Out**

- Supports 1080p HDMI resolution
- Transmits over a single CAT6 up to 197 feet
- Local HDMI loop-out on transmitter
- IR signal transmission support
- Works with HDMI HDCP compliant devices

OMX-HDMI-CAT6 • Reg. \$105.00 **Your Price \$101.00**

Ocean Matrix HDMI to HD Over Existing Coax Extender Pair

- The OMX-HDMI-COAX HDMI extender converts HDMI signals to HD digital TV signals using DVB-T CATV transmission mode.
- Unlike traditional analog CATV signal, this extender uses 64 QAM mode to convert the signal and transmits via coaxial cables for long distances.



OMX-HDMI-COAX • Reg. \$335.00 **Your Price \$319.00**

**Ocean Matrix 1080p 1x8 HdbiT HDMI Splitter & CAT6
Extender Kit with IR Control 8 Receivers**

- Distribute a single HDMI source to up to 8 HDMI displays simultaneously
- Delivers a full 1080p 60Hz HDMI signal up to 394 feet over a single Cat6 network cable!
- Complete install kit includes 1x8 transmitter & 8 receivers
- Transmits over a single Cat6a up to 500 ft/Cat6 394 ft/Cat5e 328 ft/Cat5 240 ft
- Supports IR signal transmission • HdbiT technology delivers excellent image clarity



OMX-HDMI-HDB1X8 • Reg. \$840.00 **Your Price \$799.00**

**Ocean Matrix 1080p HDMI Extender over
Single Cat5/5E/Cat6 Network Cable with HdbiT/IP**

- HdbiT technology- extend and split by LAN over long distances
- Compatible with new or existing CAT cable infrastructure
- Supports 1080p HDMI resolution
- Transmits over a single CAT5/5E/6 up to 394 feet (120m)
- IR signal transmission support • Works with HDMI HDCP compliant devices



OMX-HDMI-HDBIT • Reg. \$250.00 **Your Price \$239.00**

HDMI EXTENDERS

**Muxlab HDMI over IP
Encoder & Decoder**

- Extends 1080P HDMI signals up to 330ft (100m)
- Supports up to 16 transmitters and 200 receivers
- Supports multicasting and broadcasting
- Supports PoE • IR Control, HDCP compliant

MUX-500752-RX • Decoder
Your Price \$261.00

MUX-500752-TX • Encoder
Your Price \$261.00

**Muxlab 1080p HDMI to
H.264/H.265 over IP 4K
Scaling TX & RX with PoE**

- Receiver supports up to 4K @ 60Hz (4:4:4) video streams
- Receiver up-scales 1080p @ 60Hz video streams from Transmitter and other devices up to 4K @ 60Hz
- Transmitter supports up to 1080p @ 60Hz video
- Extends local audio/video transmission up to 330ft (100m) over Cat5e/6
- H.264/265 video codec, excellent for LAN, WiFi & Internet transmission
- High image quality and 100ms latency depending on protocol
- Supports 100's of Transmitters & Receivers depending on network bandwidth
- Supports Multicast (LAN), and RTSP / RTMP / HLS (LAN & Internet)

MUX-500762-RX • Receiver • Reg. \$699.00 **Your Price \$480.00**

MUX-500762-TX • Transmitter • Reg. \$699.00 **Your Price \$480.00**

**Muxlab HDMI / RS232 over IP TX & RX with PoE**

- HDMI 1.3, PoE powered • Supports up to 1080p resolutions
- Supports IR, and RS232 transmission
- Motion JPEG compression with Very low latency
- Transmission up to 120m (400ft) over Cat5e/6
- Compatible VGA over IP with RS232

MUX-500753-RX • Receiver • Reg. \$394.00 **Your Price \$269.00**

MUX-500753-TX • Transmitter • Reg. \$394.00 **Your Price \$269.00**

MuxLab CATV Balun II 75ohm Coax Videosease CAT5 Balun

- Supports broadband RF, CATV, VHF and FM.
- Supports channels CATV 2-77, VHF 2-13, FM broadcast band.
- Works with CATV, satellite receivers, VCR, RF splitters and amplifiers.
- Up to 330 feet (100m) via Cat 5 twisted pair
- Bandwidth 550 MHz.
- Low return loss eliminates "ghosting" • Built-in male "F" connector for coax
- RJ45 connector for twisted pair • FCC Part 15 Class A and Class B

MUX-500302 • Reg. \$54.00 **Your Price \$35.95**



HDMI EXTENDERS

Tripp Lite 2-Port HDMI over IP Extender Receiver over Cat5/Cat6 - RS-232 Serial & IR Control - 328 Feet TAA



- Display video from any source, analog or digital
- Supports video resolutions up to 1920 x 1080 (1080p)
- Dual HDMI outputs for connecting 2 displays
- Plug and play - no software or drivers required

- Create a multi-in, multi-out installation with up to 64 transmitters and 255 receivers by connecting dedicated managed Ethernet network switches with Internet Group Management Protocol (IGMP)

TRL-B160-200-HSI • Reg. \$248.00 **Your Price \$173.95**

Tripp Lite HDMI/DVI over IP Gigabit LAN Ethernet Extender Kit - RS-232 Serial & IR Control - 328 Feet TAA

- Extends and distributes HDMI or DVI audio/video, RS-232 serial and IR (infrared) remote signals from the source to the display located up to 328 feet.
- Add low-cost network switches between transmitter and receiver to continue extending distance up to 328 ft. per switch
- HDMI output on transmitter for connecting a local display



- Create a Multi-In, Multi-Out Installation Using B160-Series Transmitters and Receivers • Supports video resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- Uses H.264 video compression standard • Transmits on 20-60 kHz IR frequency

TRL-B160-101HDSI • Reg. \$528.00 **Your Price \$354.45**

Tripp Lite Wireless HDMI Extenders 1080p with IR Control



- Wirelessly Extends an HDMI Audio/Video Signal
- Easy no-fuss, no-mess setup with no costly cabling infrastructure
- Ideal for homes, offices, digital signage applications, trade shows and anywhere else where connecting long video cables is impractical

- Supports video resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- Extends IR control signals that control an HDMI source from the remote display
- Compatible with HDMI 1.3 and HDCP 1.2 • Uses a 5GHz wireless frequency

TRL-B126-1A1WHD1 • Up to 50m (165 ft) • Reg. \$448.00 **Your Price \$345.85**

TRL-B126-1A1WHD2 • Up to 200m (650 ft) • Reg. \$640.00 **Your Price \$471.45**

Tripp Lite HDMI Over Single Cat5 Active Extender Kit



- Two piece kit includes both local transmitter and remote receiver units
- Supports computer video resolutions up to 1920 x 1200, and HD resolutions up to 1080p (60Hz)
- 24 AWG Solid Wire Cat5e/6 cable, such as Tripp Lite's N202-Series, is required to achieve maximum distance and resolution.

- HDCP and 3D compatible • Supports 24-bit True Color (8-bits per channel)
- Compatible with both stereo audio and 7.1 channel surround sound audio (7.1 channel surround sound signal will be Multi-Channel or PCM)
- Transmitter unit features an HDMI port for the connection of a local monitor

TRL-B126-1A1 • Reg. \$272.00 **Your Price \$195.16**

NEW FROM NAB 2018 markertek®

Hall Research EX-HDU Series HDMI and USB Extension on CAT6 with Audio and Integrated Control Receivers and Wall Plate Senders

- The EX-HDU is used to extend HDMI video and USB data on a single Cat6 cable up to 200 ft (60 meters).
- HDMI audio is extracted and is provided both as analog stereo and multi-channel digital.
- The EX-HDU can also be used to control other equipment by providing programmable contact closure I/O, RS-232 output, IR output, and optional LAN interface with internal WebGUI and IP control.



- The EX-HDU extender consists of an EX-HDU-WP single-gang wall plate transmitter and an EX-HDU-R (or EX-HDU-R-IP) receiver. They connect using standard CAT5e/6 UTP cabling up to 200 feet (60 Meters) long.
- The wall-plate Sender gets its power from the receiver via the same UTP cable and does not need a separate power supply.
- For convenience, the wall plate features a USB hub with two USB ports for connection of USB devices

HRT-EX-HDU-R-IP • IP Receiver **Your Price \$413.25**

HRT-EX-HDU-WP • Wall Plate Sender..... **Your Price \$223.25**

HRT-EX-HDU-IP • Wall Plate Sender & IP Receiver..... **Your Price \$636.50**

HRT-EX-HDU-R • Receiver..... **Your Price \$318.25**

HRT-EX-HDU • Wall Plate Sender & Receiver **Your Price \$541.50**

Kramer 4K HDR HDMI Compact PoC Extender over Long Reach DGKat 2.0

- Compact, low-heat DGKat™ 2.0 extender
- Up to 40m (130ft) at 4K@60Hz (4:4:4)
- Up to 4K (4:4:4) 24bpp video resolution • HDR, HDMI 2.0 & HDCP 2.2 compliance • Two-way powering
- Size - Pico TOOLS™ - Mount 4 units side-by-side in a 1U rack space with the optional RK-4PT rack adapter.
- INPUTS: 1 HDMI: On an HDMI female connector (PT-871), 1 DGKat: On an RJ-45 female connector for extension line (PT-872)
- OUTPUTS: 1 DGKat: On an RJ-45 female connector for extension line (PT-871), 1 HDMI: On an HDMI female connector (PT-872)



KR-PT-871-2-KIT • Reg. \$500.00 **Your Price \$400.00**

Kramer PT-572Plus HDMI Over Twisted Pair Receiver

- Max. Data Rate - 1.65Gbps. • 3D Pass-Through. • DGKat™ Signal Integration
- HDTV Compatible. • HDCP Compliant. • HDMI Support
- System Range - Up to 90m (295ft) at 1080i, or up to 30m (98ft) at 1080p on shielded BC−DGKat524 cable.
- EDID PassThru - Passes EDID signals between the source and display.
- Status LED - Lights red when receiving power only, orange when output and power are attached, and yellow when both an active input and output are attached.
- Power Connect™ System - A single connection to the transmitter or the receiver powers the system when the devices are within 270ft (90m) of each other.



KR-PT-572-PLUS • Receiver • Reg. \$220.00 **Your Price \$176.00**

KR-PT571 • Transmitter • Reg. \$235.00 **Your Price \$188.00**

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

Startech HDMI Over CAT5 Extender HDBaseT Extender Power Over Cable - Ultra 4K

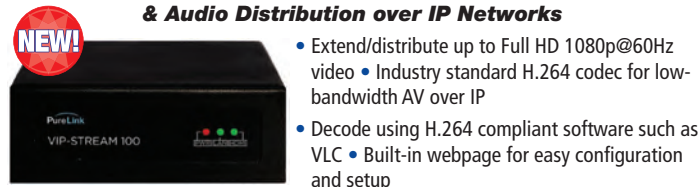
- Extend video where power outlets are limited with power over cable that powers both the transmitter and receiver using a single power source at either side of the connection
- Maintains astonishing picture quality up to 115 ft. (35 m) away, with support for UltraHD 4K over non-proprietary CAT5e or CAT6 cabling
- Also supports HD video resolutions such as 1920x1200 or 1080p at distances up to 230 ft. (70m)
- Hassle-free, professional installation with included mounting brackets, and full video extension over one CAT5 cable • 70m (230ft) maximum CAT5 cable distance



StarTech.com
Hard-to-find made easy

ST-ST121HDBTE • Reg. \$231.99 Your Price \$205.49

PureLink Streaming Encoder with Full HD Video & Audio Distribution over IP Networks



- Extend/distribute up to Full HD 1080p@60Hz video • Industry standard H.264 codec for low-bandwidth AV over IP
- Decode using H.264 compliant software such as VLC • Built-in webpage for easy configuration and setup

- View complete diagnostics on front panel LED display • Supports UDP, HTTP, RTSP, RTMP, ONVIF protocol • Supports MPEG1 Audio Layer 2

- CBR/VBR network bit-rate control (16Kbps~16Mbps) • HDCP v1.3 compliant

PLK-VIPSTREAM100 • Your Price \$299.00

Atlona Passive DVI Extenders Over single Cat5/6/7



- DVI 1.1 compliant
- Extend the transmission length 50m (160ft) at resolutions up to 1920x1200 or 55m (180ft) at resolutions up to 1024x768
- Easy to install • Compact size

- No power required (passive) • Direct plug-in
- Capable of using CAT5/6/7 • Network Traffic LEDs

ATNO-DVI60SRS • Your Price \$250.00



Avenview

**Avenview HDMI
Unlimited Extender Set
over Active IP Network**

HDM-C6IPX-SET, HDMI extender set is designed to extend your HD display with the resolutions of 1080p/60Hz up to 390 feet (100 meters) away from your HDMI or DVI-D source. Thanks to the use of the TCP/IP protocol, you can transfer your high-definition video over an existing TCP/IP network.

- The Tx and Rx units can extend 120 meters over a single CAT5/6 cable connection point to point
- The Tx can be connected to a switch to establish a IP address therefore sending 1080p video signals to Multiple Rx connected to the switch to the desired displays. BONUS up to 150 Displays with single Tx.
- Multiple Tx can be connected to a Managed Switch with IGMP/VLAN creating a STATIC address therefore sending different 1080p video signals to more than one Rx connected to the Managed Switch with IGMP/VLAN to the desired displays. Thus establishing a Matrix Function.

AVW-HDMC6IPXSET • Your Price \$199.00

NTI Remote Local Unit VGA A/V Splitter/Extender via CAT5 Up To 1000 Feet



- Broadcast real-time VGA video and stereo audio to multiple locations.
- Supports resolutions up to 2048x1536 using NTI's 1,000' remote units and 1920x1440 using NTI's 600' remote units.
- Easily expandable. Add remote units as you add monitors.

- A pure hardware solution-no software conflicts.
- High quality rugged steel construction with durable powder coat finish.
- Ideal for digital signage, movie theater lobbies, point of purchase displays, conference centers, airports, and other applications that require multiple displays.

ST-C5V-R-1000SP • Reg. \$430.00 Your Price \$415.00

NTI VGA Splitter/Sender Unit with Audio via CAT5 to 1000 Feet - 4-Port

The VOPEX® VOPEX-C5VA-4C1000VGA Video Splitter/Extender simultaneously broadcasts high-resolution VGA video from one computer to 4 or 8 remote monitors located up to 1,000 feet away using CAT5/5e/6 cable. Audio can be broadcasted to self-powered stereo speakers at the local unit and each remote location when using NTI's remote units with audio option.



NTI-VOPEXC5VA4C1 • Reg. \$310.00 Your Price \$310.00

Smart AVI DVX-2US Dual DVI-D and USB over CAT6 STP Extender

- The DVX2U is the perfect solution for extending dual DVI-D displays and USB 1.1 devices to a remote location. It extends DVI-D and USB 1.1 signals to a remote location up to 275 feet away. • Supports Mac, PC, and Linux DVI
- Supports High Resolution 1920x1200 60Hz WUXGA
- Uses universal DVI Single Link connectors
- Zero pixel loss with TMDS signal correction



Smart-AVI
SMART AUDIO VIDEO INTEGRATION

SAVI-DVX-2US • Reg. \$899.00 Your Price \$794.40

KanexPro Extends HD Signals over Single CAT 5e/6



- KanexPro HDEXT50M Extends HD Signals over Single CAT 5e/6 up to 165ft (50m)
- The KanexPro one input over one output HDMI Extender is designed to carry DVI/ HDMI signals over distances beyond the capability of standard HDMI/ DVI cable.
- Supports data rates up to 1.65 Gbps per channel
- Supports full HD 1080p (1920x1080@60Hz)
- Digital audio support through HDMI • EDID compliant

KAN-HDEXT50M • Your Price \$79.00



KanexPro HDMI Extender Over CAT6 up to 196'

KanexPro

- Local HDMI output on Transmitter for preview • Supports full HD 1080p

- Digital audio support • HDCP & EDID compliant • Full IR control over CAT6
- Supports 16-bit per channel (48-bit all channels) • Compact metal enclosure
- Built-in mounting kits • Easy to install • Only works with CAT6/CAT6a or better.

KAN-EXT-HD60M • Your Price \$91.42

Sescom SES-X-FA2 Portable 2-Channel Mic & Line Level Audio Over Fiber Extender Kit

Sescom's X-FA2 is a battery or AC powered 2-Channel line level audio over fiber optic extender system that's perfect for broadcast or corporate studios, field audio operations, OB vans, rental, theaters, stadiums and more! The new and improved X-FA2 design delivers the lowest possible signal to noise ratio eliminating potential crosstalk issues. The receiver features an independent mic/line level switch on each channel giving you the flexibility to convert the line level audio to mic level. Complete transmitter & receiver system with professional ST Connectors! The X-FA2 has a range of 12.4 miles using single mode fiber and up to 984 feet over multimode fiber cable.



SES-X-FA2 • Your Price \$799.95

Complex DVI Multimode Fiber Extender

Extend high resolution DVI signals from your computers and projection systems over 980 feet of multimode OM3 fiber with the Complex CMX-DVI-TR. It's the perfect compact tool for live event presentations, distance learning applications and more. Add a simplex OM3 LC Complex fiber optic tactical cable and you're ready for high quality DVI signal transmission in any long distance environment.

- Extend DVI-D up to 984 feet Multimode OM3
- Supports DVI 1920 x 1200 @60Hz • Transmitter with EDID Learning

CMX-DVI-TR • Reg. \$505.00 Your Price \$478.00



Complex to Fiber Optic Converter / Extender

- Optimized for HDTV (HDCP Compliant) • Separate HDMI transmission and receiver units with professional ST connectors
- Extends HDMI up to 10 miles over singlemode fiber • Supports IR Device Control over the Complete Fiber Run
- Supports Graphic Resolution up to WUXGA (1,920 x 1,200)@60Hz, HDTV signal up to 1080p, 2k • Digital Video Bandwidth : 25'225 MHz (HDMI single link)

CMX-HDMIF • Reg. \$260.00 Your Price \$247.00



Complex Tac-N-Go HDMI Fiber Optic Converter / Extender & 1000 Foot Cable Reel

- Genuine OCC Tactical Cable
- Super Rugged Cable Reel Included for Fast & Easy Field Deployment
- Optimized for HDTV (HDCP Compliant)
- Separate HDMI transmission and receiver units with professional ST connectors
- Extends HDMI up to 10 miles over singlemode fiber
- Supports IR Device Control
- Supports Graphic Resolution up to WUXGA (1,920 x 1,200)@60Hz, HDTV signal up to 1080p, 2k
- Digital Video Bandwidth : 25'225 MHz (HDMI single link)

CMX-TACNGO-HDMI • Reg. \$1050.00 Your Price \$999.00



PureLink HOF 2.0 TX/RX HDTools 4K HDMI over Fiber Extension System

PureLink™

- The HOF 2.0 Tx/Rx offers a powerful solution for long-distance distribution of 4K/60 video, audio, and control signals over fiber.
- Ultra HD/4K, HDMI 2.0 (18G), embedded audio, RS-232, and bi-directional IR are all supported over distances up to 3,300 ft. using PureLink's TOTALWIRE LC-terminated fiber optic cables.
- The pure fiber connection provides protection from electromagnetic interference (EMI), delivering lossless transport for optimal signal quality.
- 4K@60Hz (4:4:4) / 18Gbps / HDCP 2.2
- Extends up to 3300 ft. (1000 m.) over 1 LC single-mode fiber
- Dolby Atmos, DTS-HD Master Audio, LPCM 2/5.1/7.1
- Bi-directional IR, RS-232 • Real-time Auto-EDID management
- Auto signal correction and enhancement • Immune to EMI
- 1 LC SFP Modules • Locking power supplies



PLK-HOF-20-TXRX • Transmitter & Receiver..... Your Price \$999.99

PLK-HOF-20-RX • Receiver Your Price \$499.99

PLK-HOF-20-TX • Transmitter Your Price \$499.99

Blackmagic ATEM Camera Converter

- Extend your SDI or HDMI camera for 28 miles!
- Now with ATEM Camera Converter you can have more cameras closer to the action for the most amazing shots in live production!
- ATEM Camera Converter not only converts your camera to optical fiber, but it also includes talkback, external microphone input, program return feed, tally and built in battery power source!
- Professional Multi-Camera Production
- ATEM Camera Converter uses a single mode optical fiber pair with LC type connectors, so you get the freedom to connect your cameras up to 147,000 feet or 45KM from your switcher!
- Includes Talkback • Broadcast & Consumer Connections • Ultra Tough Design



Blackmagicdesign

BMD-SWRCONV • Reg. \$595.00 Your Price \$595.00

AJA HDMI to 3G-SDI Over Fiber Video and Audio Converter

- HDMI input to 3G-SDI over single mode 1310 nm fiber optic cable (ST-style fiber connector) for transporting HDMI sources over fiber
- Embedded 8-Channel audio is supported in the fiber output allowing a convenient single cable audio/video connection up to 10km. The HA5-Fiber also provides 2-Channel RCA style audio inputs for a stereo audio input when needed
- HDMI to 3G-SDI over fiber
- Supports single mode 1310 nm fiber optic cable with ST transmitter
- Full HDMI input support including embedded audio
- Additional 2-Channel RCA style analog audio (-10dBu nominal) input

AJA VIDEO SYSTEMS



AJA-HA5-FIBER • Your Price \$695.00

**Delvcam 17.3" 1RU Rack Drawer
3G-SDI Video Monitor with Cross Conversion**

The Delvcam DELV-3GHD-17RD 17" rack drawer monitoring system is destined to become the central nervous system of your studio and production environments. Its built-in HDMI-SDI cross conversion is perfect for KVM system integration while the built-in audio metering and vector scope will simplify camera setups.



- 1RU Pull Out Drawer Monitor
- HDMI-SDI Cross Conversion & Vector Scope
- Embedded Audiometer • Back Rail Adjustable to Rack
- Rack Mountable or Stand Alone • 4 Adjustable Function Buttons
- Space Saving & Portable with Handle • Automatic Power Shut Off in Drawer Position
- Metal Housing Protection • Full HD Resolution • Tally Interface

DELV-3GHD-17RD • Your Price \$1233.00

**Delvcam 4K 2.2 GHz 8-core GPU Digital
Media Player with 10 HDMI Outputs**



A cost effective solution to feeding your digital signage system is the Delvcam DELV-4KMP110 Media Player. Its 10 4Kx2K@60Hz HDMI outputs are ready to feed HDMI extenders, HDMI displays or a projector based 4K UHD ecosystem.

- Maximum Resolution: 4Kx2K@60Hz

- WiFi and Ethernet Connections • Android 6.0.1 OS
- Remote IR Control • 10 HDMI 2.0 Outputs/1 HDMI Input & 2 USB 2.0 Inputs
- 1 Micro SD Card Port • 2G DDR3 RAM
- Supports Audio Extraction through S/PDIF (Toslink) Output Port
- Standby Function • HD SATA PNP • Robust Metal Enclosure

DELV-4KMP110 • Your Price \$399.95

**Delvcam 4K UHD Multi-Format Quad View Broadcast Monitors
Mounted in Rugged Carrying Cases**



- 28-inch Viewing Screen
- Multiple Viewing Options: Full Screen, Split, Quad
- Multiple Interfaces
- 1 3G-SDI Input
- 4 HDMI Inputs: 1-4K, 3-1080P
- High Contrast
- Removable carrying case for 100x100 & 75x75 VESA mount and rack mounting

- Brightness: 450/cd/m² • Contrast: 1000:1 • Viewing Angle: 170°/160°(H/V)
- Native Resolution: 4K, 3840x2160
- Special Functions: Tally Interface, Check Field, Image Flip, Overscan, Underscan, Image Freeze, Color Temperature, User Definable Function Buttons
- Image Control: Peaking, Split Screen, Quad View, User Adjustable Markers
- Input: 1 3G-SDI, 1 HDMI 2.0 (4K), 3 HDMI 1080P, 1 DVI, 1 VGA, 1 Audio
- Loop Out: 1 3G-SDI • Compatibility: SDI A, SDI B limited to 1080i60

DELV-4KSDI28 • 28" Your Price \$1258.00

DELV-4KSDI24 • 24" Your Price \$1228.00

DELVCAM MONITORS

**Delvcam 12G-SDI 15" HD LCD Monitor
with Split View and Quad View**

This monitor is ready for on-location and post production applications featuring a 15" screen and a rackmount housing for easy integration into film and video flypacs.



- Split View and Quad View for monitoring multiple sources simultaneously between its dual 12G, dual 3G and HDMI inputs.
- Supports 12G to SD Sources
- Powerable via Anton Bauer, V-Mount batteries or XLR

- 6RU Frame with Tally Light • 3840x2160 Native Resolution

DELV-12GSDI-15 • Your Price \$2399.95

**Delvcam OctoMon 3G-SDI 8-Panel LCD
1RU Rackmount Video Monitor**



Monitor up to eight 3G-SDI channels at once with the DELV-8LCD-SDI OctoMon. Each 2-Inch monitor is a LED backlit LCD that supports resolutions up to 1920 x 1080 with a 4:3 aspect format.

- 8 2-inch LED backlit LCD monitors • Supports 3G-SDI • Looping Outputs
- Embedded Audio Meters • Equalization & Reclocking
- UMD 32 Half-Width Character Function • RS422 Input Computer Interface

DELV-8LCD-SDI • Your Price \$1733.00

**Delvcam 4K Compatible 1080P 7" 1920x1200 Camera
Top LCD Monitor with OSD Audio Metering**



What sets the DELV-HD7-4K apart from a standard camera-top monitor is the on-screen audio metering which includes indicators for numerical and headroom.

- 4K Compatible HDMI Input
- Embedded Audio Meter Displays dB and Peaking
- HDMI Cable Lock Ensures Constant Video Transmission

DELVCAM • High Resolution: 1920 x 1200

- High Contrast: 1200:1 • 160° Viewing Angles
- Built-in Speaker and Stereo Headphone Jack

DELV-HD7-4K • Your Price \$229.00

**Delvcam 1920x1080 HD 5.5" Camera-Top LCD Video Monitor
with HDMI/SDI Cross Conversion & Waveform**

- High Resolution: 1920 x 1080 • High Contrast: 1000:1 • 160° Wide Viewing Angles
- SDI and HDMI Cross Conversion Output
- Waveform, Vectorscope, and Time Code Displays
- Audio Level Meter, Histogram, and Waveform
- Right Channel Speaker and Stereo Earphone Jack • Two User Definable Buttons
- Rugged Metal Housing

DELV-HSW5-CC • Your Price \$850.00



Delvcam 5" Triple Rackmount 3G-SDI HDMI Video Monitor

Three 5-Inch LCD screens provide the ideal solution for fly-packs, production trucks and OB vans.

- 3 vibrant color 5-inch LCD screens
- Ultra-slim design with grip handles
- Durable black powder-coated steel 2RU cabinet
- Stereo earphone 3.5mm jack
- Customizable function buttons
- 3 color Tally Indicator controlled via DB-15 port
- 3G/HD/SD-SDI loop output • Camera 5D II Mode

- Resolution: 800 x 480 x 3 (RGB)
- Brightness: 500cd/m² • Contrast: 500:1
- Aspect Ratio: 16:9
- Viewing Angle: 70°/70°(L/R) 50°/70°(U/D)
- Color Format: PAL-4.43 / NTSC-3.58
- Power Input: 12VDC 4-pin XLR
- Each Screen: 3G/HD/SD-SDI input, 3G/HD/SD-SDI loop output, HDMI input, HDMI loop output, CVBS input, CVBS output, Audio(L/R) input, Stereo Earphone output

Delvcam 17.3" High Resolution 3G-SDI HDMI Rackmount LCD Monitor

The perfect solution when you need crystal clear broadcast quality imagery and format flexibility.

- Adjustable Tilt • 17.3-inch LCD screen
- Slim design with grip handles
- Durable black powder coated steel housing
- Multiple signal outputs • Stereo earphone jack
- 3 color Tally indicator • Customizable function buttons

- USB for software upgrade • Built-in speakers
- Display Screen: 17.3 inch TFT LCD screen
- Resolution: 1920 x 1080 • Brightness: 400cd/m²
- Contrast: 600:1 • Aspect Ratio: 16:9
- Viewing Angle: 80°/80°(L/R) 60°/80°(U/D)
- Input Signal: 3G-SDI, HDMI, YPbPr, Video, Audio(L/R), DVI-I
- Output Signal: 3G-SDI, HDMI, YPbPr, Video

Delvcam 15" 4K UHD HDMI 3G-SDI Quad View LED 6RU Broadcast Monitor

Get the immediate satisfaction of visualizing what your viewers will see and seize control of your imagery.

- Rack mountable - fits standard 19" 6RU equipment rack
- 15-Inch viewing screen
- Multiple viewing options - full screen, split, quad
- Multiple interfaces • 1 3G-SDI input
- 4 HDMI inputs: 1-4k, 3-1080p • High contrast
- Removable carrying case for 100x100 & 75x75 VESA mount and rack mounting

- Aspect ratio: 16:9 • Brightness: 330cd/m²
- Contrast: 1000:1 • Viewing Angle: 176°/176°(h/v)
- Native resolution: 4K, 3840x2160
- Special functions: tally interface, check field, image flip, overscan, underscan, image freeze, color temperature, user definable function buttons
- Image control: peaking, split screen, quad view, user adjustable markers
- Input: 1 3G-SDI, 1 HDMI 2.0 (4K), 3 HDMI 1080p, 1 DVI, 1 VGA, 1 Audio • Loop out: 1 3G-SDI

Delvcam Advanced Function 7" 3G-SDI Camera-Top LED Monitor

- Wide viewing angles
- High contrast 800:1
- Flexible frame rates 24FPS, 25FPS, 30FPS, 50FPS and 60FPS
- 5D-II camera mode
- 3G-SDI, YPbPr & HDMI input/output
- Flexible folding sunshade

- Wide voltage DC 7-24V
- Display Panel 7" LED backlight
- Physical Resolution 1024x600, support up to 1920x1080
- Aspect Ratio: 16:9 • Brightness 250cd/m²
- Contrast 800:1
- Viewing Angle 160°/150°(H/V)

Delvcam 3GHD/SD Multiformat Dual 7" Rackmount Video Monitor

- Dual 7" Rackmount
- SDI, HDMI, Composite or Component
- TALLY interface with Indicating Light
- 3RU Metal Housing • 178° Wide Viewing Angles
- High Contrast: 800:1 • Fast Response Time
- Ultra-slim Design • Active Buffered Outputs

- Panel: 7"x2 LED backlight
- Physical Resolution: 1280x800
- Aspect Ratio: 16:9
- Brightness: 400cd
- Contrast: 800:1
- Viewing Angle: 178°/178°(H/V) (IPS)

Delvcam Dual 7" 3RU VGA & DVI & Composite Monitor

Super-reliable and low-cost dual 7" rackmount IPS LCD monitors featuring DVI/VGA/Composite inputs pair broadcast performance with multi-format flexibility including a wide range of supported resolutions!

- Super slim and feature rich
- Wide viewing angles • LCD panel: 400cd/m²
- Dual VGA, Composite & DVI in/outputs
- Metal housing
- Independent power switches

- Panel: Dual 7" LED backlight
- Physical Resolution: 800x480
- Aspect Ratio: 16:9 • Brightness: 400cd/m²
- Contrast: 500:1
- Viewing Angle: 140°/120°(H/V)
- INPUT Composite: 2, VGA: 2, DVI: 2
- OUTPUT Composite: 2, VGA: 2, DVI: 2

DELVCAM



DELV-3LCD-3GHD • Your Price \$1047.00



DELV-3GHD-17RM • Your Price \$1218.00



DELV-4KSDI15 • Your Price \$972.00



DELV-SDI-7
7" Monitor

Your Price \$425.00

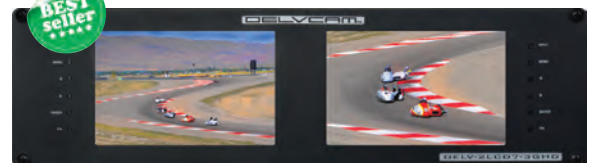
DELV-SDI-10

10" Monitor

Your Price \$666.00



DELVCAM



DELV-2LCD7-3GHD • Your Price \$693.00

DELVCAM



DELV-2LCD7-CVGAD • Your Price \$394.00

Plura 10x47" 3G Broadcast Monitor (1920x1080)

- LCM-147, FULL HD 47" 1920 x 1080 True 10 bit LED Panel • 3Gb/s ready - 1080/60P
- 2 x Auto-detect with active loops (3Gb/s ~ 1.485Gb/s ~ 270Mb/s)
- RGB, YUV, Y/C, Composite, UXGA, DVI & HDMI (HDCP)
- Complies with EBU-2330 TECH, SMPTE-C and ITU-R BT.709 standards
- (ICAC) - Plura Intelligent Connection for Alignment & Calibration
- Cutting edge De-interlacing and Scaling Technology • Fast Response Time for high Motion Video
- 12 Bit Color Processing • 178 Viewing Angle Display


plura
PLUR-LCM-147-3G • Reg. \$3884.00 Your Price \$3495.60
JVC DT-X93HX2 Dual 9" FHD Rack-Mount Video Monitor


- 9" IPS LCDx2, 1920x1200 pixels
- 19" 4U rack. mounting with +/-30 degree angle option
- 2K / 3G / HD/SD-SDI input and output loop
- HDMI inputs

JVC

- 2 channel embedded audio level indicator with alarm
- AFD, timecode, H/V delay
- TSL IMD control / Tally GPI • Zebra stripes, Peaking focus assist
- R/G/B/Mono, False color • Marker 4:3, 13:9, 14:9, 15:9, 1.85:1, 2.35:1

JVC-DT-X93HX2 • Reg. \$2950.00 Your Price \$2750.00
E2WORK EVE 3G/HD/SD-SDI 5 x 2.8" 1.5 RU Rack Mount Monitor with OSD Menu Key


Automatically detects SDI input format and supports a huge range of video formats SD, HD up to 3G-SDI and every channel has a active loop through-out. Other professional features, such as audio level meter, 2-color LED tally light, brightness, contrast, chroma, volume and individual adjustments.

- Size: 2.8 Inch • Resolution: 320 x 240 (16:9) • Display Colors:16.7M
- Luminance of White: 300 cd/m2 • Pixel Pitch: 0.192(H) X 0.143(V)
- Input : SDI 1 Channel Input SD-SDI(270Mdp/s); HD-SDI(1.485Gbps), 3G-SDI(2.970Gb/s)
- Output: SD/HD/3Gb/s SDI Active Loop Through

E2W-EVE • Reg. \$1795.00 Your Price \$1741.00
Blackmagic SmartView Dual 8" Intelligent SDI Rack Monitor

- Dual 8" LCD Monitors Large color LCD monitors with high quality video filtering for amazing images.



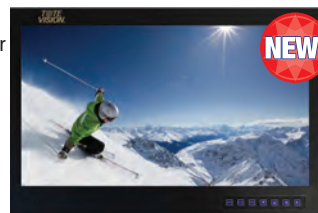
- Monitor 2 SDI In with Loop Out SDI/HD-SDI and 3 Gb/s SDI input connection for decks, routers or cameras in 10 bit SD, HD or even 2K.

Blackmagicdesign

- Tally Connection Industry standard tally inputs for each monitor allows independent tally to display red, green or blue.
- Ethernet In with Loop Out Control all your monitors from a single computer for easy matching between displays!

BMD-HDL-SMTVDU02 • Reg. \$495.00 Your Price \$470.25
ToteVision 19 Inch HD LCD Monitor with TV Tuner - 1080p

- The ToteVision LED-1906HDMT is a high-definition, LED-backlit, mid-size LCD monitor housed in a durable metal case with a front control membrane.
- Built for active use in public spaces, this monitor is versatile and effective for any commercial video application.
- Displays HD signals (1080i/p and 720p)
- 3D + 3D image processing with digital noise reduction
- Built-in ATSC/Clear QAM Tuner • Durable Metal Housing
- Built-in speakers • 75mm VESA pattern for mounting
- IR remote control


TOTE VISION®
TOV-LED-1906HDMT • Your Price \$500.00
Marshall Multi-Channel Digital Audio Monitor with Built-In Live Video Preview Confidence Screen


- 10-inch LCD Intuitive Touchscreen Panel displays up to 64 channels vertical or 2 detailed channels horizontal with LKFS bars and peak indicators

Marshall Electronics

- Built-in live video preview monitor
- Accepts inputs from multiple signal types with matrix conversion
- High-powered stereo speakers (up to 100 dB output) • Push-to-mute functionality
- Slim 1 RU Design • Support for all current Dolby formats including 7.1 Surround Sound

MAR-AR-DM61-BT • Reg. \$3845.00 Your Price \$3495.00
Wohler
Wohler iAM-MIX Multi-Source Mixing Audio Monitors with Analog Interface


- Fast selection and summing of up to 8 or 16 audio channels
- Intuitive front panel with 8 or 16 individual level controls and quick muting
- Channel names can be displayed for each input
- Store and retrieve presets via USB or remote software control
- Built-in speakers, headphone jack, USB and Ethernet ports
- A range of useful connectors, including SFP slots for future I/O support
- Open API for remote control, logging and setup
- Apply software feature upgrades with zero downtime
- Compact, space-saving units

WOH-IAM-MIX8 • 8 Output Controls • Reg. \$3295.00 Your Price \$3075.33
WOH-IAM-MIX16 • 16 Output Controls • Reg. \$3795.00 Your Price \$3542.00
Wohler 2 Channel 3G/HD/SD-SDI AES Analog Audio Monitor 1RU
Wohler


Provides instantaneous selection and monitoring of any available pair of audio from either a 16 channel SDI, 2 channel AES or 2 channel Analog source. Designed with simplicity in mind, the AMP1-2SDA provides two rotary controls that allow the user to easily select the source type with the first and move through corresponding audio pairs with the second.

WOH-AMP1-2SDA • \$300 Price Drop! Your Price \$1559.40

MULTIVIEWERS

**NEW FROM
NAB 2018**

markertek®

RGB QuadView UHD 4K Multiviewer for Quad Video Displays



Connect the QuadView UHD to any monitor or projector from XGA up to 4K resolution, and you're ready for the next generation in multiviewer performance. You can mix and match input resolutions, scale any video input up to UHD and route any input to any window. Both HD and UHD inputs can be displayed without downscaling, taking full advantage of the QuadView UHD's remarkable image processing.

- 7 multi-format inputs; 1 UHD/HD output; multiple audio outputs
- 4 windows up to 4K UHD resolution
- HDMI 1.4b output
- 16 preset layouts
- Auto scaler for every input
- HDCP compliance and EDID management
- Audio follow and audio breakaway modes
- Control via Web GUI, IR remote, and RS-232



RGB-QV-UHD • Your Price \$3995.00



Blackmagic Design SDI Video Multiviewers

- Advanced multi view allows the use of Ultra HD television for twice the image sharpness
- Display up to 4 SDI sources on a single HD or Ultra HD display via SDI or HDMI
- 4 multi rate 6G-SDI inputs with loop through outputs
- Compatible with all SD, HD and Ultra HD equipment and formats up to 2160p30
- Automatic frame re-sync allows simultaneous display of mixed SD, HD and Ultra HD formats
- Standard quad split view
- Supported output resolutions: 1920 x 1080 and 3840 x 2160
- Remote control via Ethernet using the included Mac and Windows software

BMD-MULTIVIEW4 • 4 Video Multiviewer 4-Chan SDI Your Price \$495.00
BMD-MULTIVIEW16 • 16 Video Multiviewer 16-Chan SDI Your Price \$1495.00

Matrox TripleHead2Go Thunderbolt/DisplayPort Multi-Display-PC and Mac



- Run two or three monitors from your laptop or desktop computer
- Supports a maximum resolution of 5760x1080 (3x 1920x1080)@50Hz 1, 2 across three monitors
- Supports a maximum resolution of 3840 x 1200 (2x 1920 x 1200)@60 Hz 2 across two monitors

- Works with LCDs, CRTs and projectors
- Uses your system's existing GPU to deliver a stable platform for office, 3D design, and multimedia applications
- Quick and easy to install; there's no need to open the computer case or insert components

MTX-T2G-DP-MIF • Your Price \$329.00

Gra-Vue MIO MVS-4HD Multiviewer Mini Box Quad HD/SD-SDI Multiviewer



- 3G/HD/SD auto sensing to 1080P • DVI+SDI output up to 1920x1080P • Configurable display layout • 90°, 180°, 270° screen rotation • Display template restore/recall • Video and audio signal auto survey • Alarm for video/audio lost, frozen, black video, EDH error • A/D Clock + count down timer • User defined LOGO display • Active Format Description (AFD) • Dynamic & programmable UMD

GFE-MVS-4HD • Your Price \$1499.95

Decimator 1 to 4 Channel MultiViewer / Quad-Split with SDI & HDMI Outputs for 3G/HD/SD



- Supports 3G level A and B on inputs and output, allowing conversion between 3G level A and B
- Custom Layouts with various standard layouts
- 16 Character UMD overlay per window with individual enables, custom positioning and size
- 8 Channel Audio Metering overlay per window with individual enables, custom positioning and size

- Horizontal and/or Vertical image flipping per window • Audio ID overlay
- Tallies can be applied to either Tally Boxes or Border • Up to 4 Tallies per window
- Fast switching between inputs using Full-Screen scaling

DEC-DMON-QUAD • Your Price \$295.00

Decimator Design DMON 3G/HD/SD Multiviewer/Multiplexers

- A fully portable converter incorporating an easy to use LCD and button control system
- Custom Layouts with various standard layouts
- Fast switching between inputs using Full-Screen scaling
- Selectable output format in both Full-Screen and Multi-Viewer mode
- Low latency buffering for each input allowing non-synchronous inputs
- Linked (3G/HD/SD)-SDI and HDMI outputs
- Each quadrant is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously



DEC-DMON-4S • 4-Chan Multiviewer Your Price \$495.00
DEC-DMON-6S • 6-Chan Multiviewer Your Price \$595.00
DEC-DMON-12S • 12-Chan Multiviewer Your Price \$1295.00
DEC-DMON-16SL • 16-Chan 3G/HD/SDI to HDMI Your Price \$795.00
DEC-DMON-16S • 16-Chan 3G/HD/SDI to 3G/HD/SDI & HDMI Your Price \$1495.00

Decimator MD-QUAD Miniature (3G/HD/SD) QUAD SPLIT



- Low cost miniature (3G/HD/SD)-SDI 4 to 1 Quad Split Multiviewer or 4 to 1 input multiplexer
- Selectable output format in Quad-Split mode
- Linked (3G/HD/SD)-SDI and HDMI outputs
- 4 x (3G/HD/SD)-SDI inputs with auto detection (26 Formats supported in total)
- 8-Channel Audio metering for each quadrant
- Each quadrant is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously

DEC-MD-QUAD • Your Price \$1295.00

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

GM 6840

greenMachine®
titan



LYNXTechnik AG®

LYNX GM-6840 Green Machine Titan

4-Channel 4K/12G-SDI Video & Audio Processing Platform

- Small footprint: 1RU high x half 19" rack width
- 4x 3G or 1x 4K/UHD general purpose A/V processing appliance

Internal input and output signal routers

Compatible with all downloadable APPs in the greenStore®

Integrated control panel with color display for live image monitoring, audio level meters, status indication and menu driven control interface

Small footprint: 1RU high x half 19" rack width

3x electrical SD/HD/3G SDI inputs. Level A and Level B DL

3x electrical SD/HD/3G SDI outputs. Level A and Level B DL

1x electrical SD/HD/3G/12G SDI Input. 12G Single Link / Quad Link 2SI Level A / BDL

1x electrical SD/HD/3G/12G SDI Output. 12G Single Link / Quad Link 2SI Level A / BDL
1x 4K/UHD HDMI input (1.4b) and 1x 4K/UHD HDMI output (1.4b)

LNK-GM-6840-US • Your Price \$3277.50



applications

APP Item #		Application	Your Price
LNK-GMAPP-FRASYN		Green Machine Frame Synchronizer	\$375.00
LNK-GMAPP-TIMING		Green Machine Timing APP	\$245.00
LNK-GMAPP-SCALER		Green Machine Scaler APP	\$615.00
LNK-GMAPP-DEINT		Green Machine De-Interlace APP	\$298.00
LNK-GMAPP-TESTGEN		Green Machine Test Generator APP	\$245.00
LNK-GMAPP-VIDADJ		Green Machine Video Adjustments	\$245.00
LNK-GMAPP-LEVLAB		3G SDI Level A/B Conversion APP	\$245.00
LNK-GMAPP-META		Green Machine Metadata Processing	\$375.00
LNK-GMAPP-DEEMB		Audio Embedder / De-Embedder	\$245.00
LNK-GMAPP-AUPROC		Green Machine Audio Processing	\$298.00
LNK-GMAPP-MINOVA		Green Machine MiniNova APP	\$375.00

NCEO NATIONAL CENTER FOR
EMPLOYEE OWNERSHIP

Meet Celeste!
A/P Clerical Support
since 2010

greenMachine is the first 100% APP driven AV appliance.

The LYNX greenMachine is not just another piece of terminal equipment... it is a revolutionary approach and brand new concept that allows near instant customization, reconfiguration and expansion of your signal processing workflow.

The greenMachine breaks the barrier of purchasing individual rack frames & dedicated boards for your processing requirements.

The hardware itself is a powerful all-purpose audio and video processing engine that is custom configured using a selection of APPs which are purchased and downloaded separately.

You are not limited to one APP per greenMachine, APPs can be mixed, matched and combined to custom build the desired functionality and work-flow in each individual processing channel.



greenMachine®
packages

greenMachine Titan - Quad Frame Sync Package

The greenMachine Quad Frame Synchronizer Package includes a greenMachine titan hardware appliance and the necessary APPs to form a fully featured quad channel frame synchronizer.

LNK-GMPQUADFSUS • Your Price \$5129.05

greenMachine Titan - 12G 4K Scaler Package

The greenMachine 4K Up/Down/Cross Converter Package includes a greenMachine titan hardware appliance and the necessary APPs to form a fully featured broadcast quality up/down/cross converter supporting formats up to 4K UHD.

LNK-GMP4KUPXDUS • Your Price \$7077.50

greenMachine Callisto Dual Frame Synchronizer Package

Includes a greenMachine callisto hardware appliance and the necessary APPs to form a fully featured dual channel frame synchronizer. This package is designed for applications that require compact, robust and dependable broadcast quality frame synchronization with full audio processing capability. Any video input (SDI, HDMI or Fiber) can be assigned to either video processing path.

LNK-GMP-DUALFS • Your Price \$3359.00

greenMachine Callisto Dual Transport Package

Includes two greenMachine callisto hardware appliances, two Dual Transport APPs (one per greenMachine), four Frame Synchronizer APPs (one per transported video signal) and two MiniNova APPs. Additionally the package includes a set of bidirectional video transceiver SFP fiber modules as well as a set of bidirectional Ethernet transceiver SFP modules

LNK-GMP-DUALTRAN • Your Price \$8949.00



LYNX 19" 1RU Rack Frame for Green Machine

- Standard 19" rack mount • Compact 1RU design
- Accommodates one or two greenMachines
- Innovative mounting options for up to two RPS 6120 power supplies (primary and redundant) • Forward rack position adjustable to recessed, flush or protruded
- Includes RPB 6000 power bridge cable

LNK-RFR-6000 • Your Price \$375.00

AJA HELO H.264 Recorder/Streamer - SDI and HDMI I/O

HELO is AJA's new H.264 recording and streaming stand-alone appliance. HELO brings both SDI and HDMI I/O into a single appliance with the ability to simultaneously stream out to your Content Delivery Network (CDN) as well as encode and record beautiful H.264 files to either SD cards, USB storage or network based storage simultaneously.



AJA-HELO • Your Price \$1295.00

AJA FS4 4-Channel 2K/HD/SD or 1-Channel 4K/UltraHD Frame Synchronizer and Up/Down Cross-Converter



FS4 is a 4-Channel 2K/HD/SD or 1-Channel 4K/UltraHD frame synchronizer and up, down, cross-converter. AJA's flagship frame synchronizer and converter offers incredible versatility and connectivity in a sleek 1RU frame for all your 4K/UltraHD and 2K/HD/SD conversion needs. Offering a wide range of connection options for both video and audio, FS4 can do the work of four separate devices in 2K/HD/SD or combine all processors and channels together for maximum flexibility for 4K/UltraHD productivity.

AJA-FS4 • Your Price \$4995.00



AJA FS2 Dual Channel HD/SD-SDI/Fiber Frame Synchronizer and Converter



The AJA Video FS2 Dual Channel HD/SD-SDI/Fiber Frame Synchronizer and Converter can simultaneously work with two independent streams of 3G/HD/SD 10-bit Broadcast quality video and two independent groups of 16 channel AES audio. Each FS2 video channel supports virtually any input or output: analog component or composite, 3G/HD/SD-SDI, Dual-Link and HDMI I/O. You can use the FS2 as two separate Frame Synchronizers/Format Converters, or combine the channels in a variety of powerful ways-for example HD sidebar keying where both the video and background graphics are upconverted and combined. To expand your possibilities further, each channel possesses its own still-store, keyer, and video proc amp/color corrector. The FS2 can up- or down-convert between SD and HD, and cross-convert between HD formats-including 3G 1080p50/60 formats. Additionally, the FS2 has full input and output signal routing, allowing any I/O port to be assigned to either processing channel.

AJA-FS2 • Your Price \$3995.00



AJA HDMI & SDI U-TAPS

- U-TAPS offer USB 3.0 connectivity including bus power and the ability to simply and easily bring in video and audio across HDMI for use with a wide range of software without any drivers to install, empowering your projects anywhere you travel.
- Small enough to carry anywhere with you, its bus powered USB connectivity ensures you will never be looking for a power source.

- U-TAP HDMI and SDI support frame rates up to 1080p 60, for your HD High Frame Rate (HFR) projects, perfect for live events and fast moving subjects.
- U-TAP SDI also provides a SDI looping output, allowing you to loop through the source SDI signal to monitors, switchers and more.

AJA-U-TAP-HDMI • Your Price \$345.00 **AJA-U-TAP-SDI • Your Price \$345.00**

AJA Ki Pro Ultra Plus Multi-Channel HD Recorder 4K/UltraHD/2K/HD Recorder and Player



Ki Pro Ultra Plus is a Multi-Channel Apple ProRes recorder offering up to 4-Channels of simultaneous HD recording, or in Single-Channel mode a 4K/ UltraHD/2K/HD Apple ProRes or Avid DNxHD MXF recorder and player

supporting the latest connectivity including 3G-SDI, Fiber and HDMI 2.0, as well as large raster high frame rate workflows, including 4K 60p.

Designed to be both portable with a built-in carry handle or rackmountable with half rack wide 2RU high dimensions, Ki Pro Ultra Plus suits a wide range of production and post environments.

- 4K, 12-bit Full Raster Workflows for Professionals
- ProRes 422 and 444 Recording
- Avid DNxHD MXF Recording • exFAT and HFS+ Support
- 2SI (Two Sample Interleave) • 16-Channel Audio Support
- Closed Caption Support • Reliable Storage Media • Pak-Adapt-eSATA
- High Quality LCD with Onscreen Intuitive UI

AJA-KIPROULTRAPL • Your Price \$3995.00



AJA Ki Pro Ultra 4K/UltraHD and 2K/HD Recorder/Player with 4K 60p & Avid MXF Support



Ki Pro Ultra records to five quality levels of Apple ProRes including Apple ProRes 4444. This lets you choose the balance of image fidelity and file size that's right for each individual production as well as having the flexibility to record directly to native file formats that are understood by most major editing systems. Next generation UltraHD 60p and 4K 60p recording is attainable all the way up to Apple ProRes HQ when using AJA Pak1000 SSD media.

- Avid DNxHD MXF Recording
- exFAT and HFS+ Support
- Includes Ki Protect
- Supports both Square Division Quad Split format and Two Sample Interleave
- Provides full 16-Channel audio support embedded over SDI or Fiber
- Closed Caption Support
- Full resolution outputs for 4K, UltraHD and HD over 3G-SDI, Fiber and HDMI

AJA-KIPROULTRA • Your Price \$2995.00



AJA Ki Pro Rack Ready-to-Edit Recorder in 1RU Rackmount



Ki Pro Rack offers a large number of unique features for optimum quality, ease of use, and support for a wide variety of workflows and environments. Ki Pro Rack provides flexible standard and high definition recording, with hardware up/down/cross conversion for versatile operation in a mixed SD/HD environment, plus a wide variety of control methods and storage options.

AJA-KIPRORACK • Your Price \$1995.00

**Epiphan ESP1137 DVI2USB 3.0
Portable USB Powered Video Grabber**

The DVI2USB 3.0 is a versatile and portable video grabber capable of capturing high quality video and images from any device with a DVI/VGA/HDMI™ signal. DVI2USB 3.0 transfers uncompressed video at 60 fps with resolutions up to 1920x1200 over USB 3.0.

- Interface: USB 3.0, USB 2.0
- Dimensions: 3.54" x 2.36" x 0.91"
- Connectors: DVI-I (integrated, digital & analog) USB 3.0 B-Type connector

EPIP-ESP1137 • Your Price \$699.95

**GNARBOX Portable Backup & Editing System
for Any Camera - 128GB**

Ruggedized, Portable, Mobile Solution for viewing, backing-up, editing, and sharing your HD footage from any YI 4K Action Camera, GoPro HERO or DSLR camera.



Upload up to 128GB of full resolution footage from any camera to the GNARBOX. Connect your phone to GNARBOX's WiFi hotspot, then open the app. Edit all your media instantly - even 4K and .RAW files, then share it with your friends.

GBX-GNARBOX128 • Your Price \$299.99
Blackmagic BMD-HYPERD/STM HyperDeck Studio Mini


• HyperDeck Studio Mini is a miniaturized broadcast deck that's so compact and portable you can use it anywhere!

- SD, HD and Ultra HD recorder and player • 1 x 6G-SDI input, 2 x 6G-SDI outputs, 1 x HDMI output
- Two SD card slots for continuous recording to regular SD cards or UHS-II cards

Blackmagicdesign



- ProRes and DNx codec support
- ProRes 4444 playback with fill and key

- LCD for monitoring, status information and menu settings
- FTP over ethernet • Remote control via ethernet or RS-422 connection
- Internal sync generator • Power over ethernet, PoE+ • Built in power supply

BMD-HYPERD-STM • Reg. \$695.00 Your Price \$695.00
Blackmagic Video Assist

- Now it's easy to add professional monitoring and recording to your camera
- Bright 5 inch high resolution 1920 x 1080 monitor
- Built in recorder uses high speed SD cards to record professional ProRes and DNxHD files with incredible quality and 10 bit color depth
- Works with everything from DSLR's to older tape based camcorders

**BMD-HYPDADAS5HD
Your Price \$495.00**

Blackmagicdesign



VIDEO RECORDERS

Blackmagic BMD-HYPERD/ST/12G HyperDeck Studio 12G


- Featuring 12G-SDI connections and HDMI 2.0, HyperDeck Studio 12G works with all SD, HD and Ultra HD formats up to 2160p60 over a single cable
- VTR style deck controls and broadcast quality compressed and uncompressed 10-bit 4:2:2 recording
- Supported Codecs: Uncompressed QuickTime, ProRes 422 HQ QuickTime, ProRes 422 QuickTime, ProRes 422 LT QuickTime, ProRes 422 Proxy QuickTime, Avid DNxHD/HR QuickTime and Avid DNxHD/HR MXF up to 1080i60
- Built in Control Panel: 12 buttons for transport and menu control, 2.2 inch color display • External Control: RS-422 deck control, SDI start/stop, timecode run. Includes Blackmagic HyperDeck SDK and Ethernet HyperDeck Control Protocol.

BMD-HYPERDST12G • Reg. \$1495.00 Your Price \$1495.00

**Blackmagic HyperDeck Studio Pro 2 Ultra
HD 4K 6G-SDI Solid State Disk Recorder**

Blackmagicdesign

- 6G-SDI, HDMI 4K and analog connections with standard XLR connectors for audio and timecode, and a built in Thunderbolt port
- Supports SD/HD and Ultra HD 4K capture and playback
- HyperDeck Studio disk recorders let you record the highest quality uncompressed and compressed ProRes and DNxHD video formats using fast 2.5" SSDs
- Designed with familiar VTR controls, HyperDeck Studio includes innovative features that extend beyond the capabilities of traditional decks

BMD-HYPERD-STP2 • Reg. \$1995.00 Your Price \$1995.00

**Blackmagic HyperDeck Studio 2 HDMI/3G-SDI
Solid State Disk Recorder**

Blackmagicdesign

- 1RU File-Based Video Recorder
- Records Uncompressed 10-bit 4:2:2
- Records Compressed in ProRes / DNxHD
- Records on Two 2.5" SSDs
- 1 x 3G-SDI Input, 3 x Outputs
- 1 x HDMI Input, 1 HDMI Output
- Outputs are Always Active
- Front Panel Button, Jog Wheel & RS-422
- Multi-Display Integrated LCD

BMD-HYPERD-ST2 • Reg. \$995.00 Your Price \$995.00
**Blackmagic Design Video Assist 4K 7" High Res Monitor
with Ultra HD Recorder**


- 1920 x 1200 high resolution monitor.
- «Professional 10-bit 4:2:2 HD ProRes or DNxHD recording.
- Dual high speed UHS-II SDHC card recorders use readily available, inexpensive SD card media.
- Dual recorders allow non-stop recording and provide a backup if one fails.
- 2 mini XLR connectors with 48V phantom power for connecting microphones.

Blackmagicdesign


BMD-VIDAS74K • Reg. \$895.00 Your Price \$895.00

VIDEO RECORDERS

**NEW FROM
NAB 2018**

markertek®



NEW! Atomos ATOMNJAV01 Ninja V 5 Inch 4Kp60 10bit HDR 1000nit Portable Monitor/Recorder



The Ninja V is a small form factor, 1" thick 5" monitor recorder that offers amazing features to DSLR/Cinema customers. Its weight and its size is perfect for those looking for a recorder to unleash their camera's potential, for those looking for a flexible monitor that gives them the HDR capability for a better performance. Record up to 4Kp60 10-bit HDR video direct from your camera's sensor, over HDMI 2.0. Store edit-ready ProRes or DNxHR on affordable SSD drives and bypass your camera's internal compression and record time limits. A tiny 1TB AtomX SSDmini will give you 2.5 hrs of 4K recording.

- HDR/SDR perfection every time • AtomOS Tools and Pocket Size Playback
- Edit, finish & upload on Mac & PC • Record HDR Games

ATO-MNJAV01 • Your Price \$695.00

Datavideo HDR-1 Standalone H.264 USB Recorder with HDMI Input and Output



- Capture HD Video Up to 1080p30
- Redundant Power recorder (UPS), will switch to power bank charging when main power is off



- Works without a PC • Record Format: MP4 (H.264+AAC)
- Record video to USB flash drive with NTFS file format • Instant & Timer Recording
- GPI and RS-232 control supported • Playback file formats: MP4 (H.264+AAC)
- Support 3D video Recorder (Top-and-bottom, Side-by-side Half)
- Built-in video Editor • HDMI 1.4b Compatibility

DV-HDR-1 • Your Price \$499.00



Atomos SUMO On-set & In-studio 4Kp60 HDR 19" Monitor-Recorder

Built for Production, Rugged construction.

- The Aluminium alloy chassis with built-in armor houses ten mounting points around the top/bottom/side, a rear panel VESA mount and an included stand for a variety of mounting configurations.
- The optional mounting plates connect dual V-Lock or Anton Bauer batteries work in tandem with our patent pending continuous power system. This allows batteries to be hot swapped to ensure you are never without power in the field.
- Seamlessly connect any SDI or HDMI device and convert between HDMI 2.0 and SDI (3G QuadLink/6G/12G) in any combination.
- Professional Recording-12-bit Raw, 10-bit ProRes/DNxHR up to 4Kp60
- Live Switch and Record up to four 1080/60p channels, 4 x ISO record and playback.
- We've tested and approved over 20 drives for Sumo (atomos.com/drives) that neatly slot into the provided Master Caddy.
- High Bright for Rec709 Outdoor Shooting
- Continuous Power
- Balanced XLR Monitor & Record with 48v Phantom
- 1200nit 19" Calibrated 1920x1080 Monitor
- Calibrate for Accurate Color



ATOMOS

ATO-SUMO • Your Price \$2495.00

Atomos Shogun Inferno2

1500nit/10bit/HDR 4Kp60 over Quad-SDI HDMI Recorder/Player/Monitor

AtomHDR image processing lets you shoot with the high brightness range of your camera's Log profile while maintaining vibrant true-to-life colors. Be at the forefront of the HDR revolution by having a field monitor capable of resolving HDR in the field as you see it in Post Production and record the original Log image direct from the sensor for HDR grading in post production.

The 1500nit panel brings HDR to life, accentuating high contrast scenes. While for regular SDR scenes, use the brightness slider to take advantage of the 1500nit screen for hood-free outdoor monitoring.

ATO-SHGNINFERNO2 • Your Price \$1295.00



ATOMOS



Convergent Design Odyssey7QPlus 4x2 HD/2K/UHD/4K Monitor/Recorder

- HD/2K/UHD/4K • 4K/UHD capture over HDMI or SDI
- SDI Single/Dual/Quad Link • RAW to Apple ProRes Conversion • 4K/UHD->2K/HD conversion • Low Power/Light Weight • Intuitive touchscreen interface • HDMI and SDI I/O - HD/2K/UHD/4K Recording over HDMI or SDI w/ conversion

CVD-ODYSSEY7QP • Your Price \$1495.00

Atomos Shogun Flame AtomHDR

4K Recorder/Player/Monitor/Editor

- Touchscreen Size: 7.1" • Resolution: 1920 x 1200 • PPI: 325
- Aspect ratio: 16:9 native • Color Gamut: REC709 HDTV • Look up table (LUT) support: 3D LUT
- Anamorphic de-squeeze: 2x, 1.5x, 1.33x, Panasonic 8:3 • Technology: SuperAtom IPS panel (capacitive touch), calibration to Rec.709 with optional calibration unit • AtomHDR: Yes • Supported Log formats: Sony SLog2 / SLog3, Canon CLog / CLog 2, Arri Log C, Panasonic Vlog, JVC JLog, Red LogFilm • Supported Gamuts: Sony SGamut / SGamut3 / SGamut3.cine, Canon Cinema / BT2020 / DCI P3 / DCI P3+, Panasonic V Gamut, Arri Alexa Wide Gamut • Bit depth: 10-bit (8+2 FRC) • Brightness: 1500nit (+/- 10%) • HDR input (PQ/HLG): Yes / Yes • HDR output (PQ/HLG): Yes / Yes



ATOMOS

ATO-SHGFL2 • Your Price \$995.00

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

Marshall V-MD241 24 Inch Modular Design Monitor with Composite and Component Inputs
NEW!


The V-MD241 is a 24 Inch, 1920x1080 Resolution Rack mountable Desktop / VESA Mount Monitor with Modular Inputs and Network Control.

- Swap and interchangeable video modules
- Native 1920 x 1080 resolution screen
- Two available input slots

MAR-V-MD241 • Your Price \$1801.25
Marshall
Marshall CV620-NDIW NDI-IP HD IP PTZ Camera 20xOptical Zoom with Auto-Focus (4.7-94mm F1.6-3.5) RS232/RS422

NEW!

- 2-Megapixel 1/2.8-inch Sensor
- Full-HD: 1920x1080i, 1920x1080p, 1280x720p
- High Speed: 60, 59.94, 50, 30, 29.97, 25 fps
- 20X Optical Zoom 4.7~94mm (F1.6~3.5) with 12x Digital
- Wide Pan-Tilt Range: 340-degree Horizontal Pan - 120-degree Vertical Tilt

Marshall

- Quiet, smooth, stable, synchronous PAN-TILT-ZOOM motor
- 3G/HD-SDI, HDMI, and NDI simultaneous outputs with support for POE+ (802.3af) Power over

 White • **MAR-CV620-NDIW • Your Price \$2699.00**

 Black • **MAR-CV620-NDI • Your Price \$2699.00**
Marshall ORCHID Fully Featured 18.5 Inch Master Confidence Desktop Monitor

Marshall OR-185-AFHD award winning monitor includes a range of professional production and analysis tools packed into an 18.5" best-of-breed IPS panel. As a master confidence monitor for broadcast control rooms, transfer facilities, and production editing areas, the OR-185-AFHD has been designed to offer the features and reliability required for mission-critical applications; all day, every day.

- Full HD 1920 x 1080 display
- Waveform Monitor
- Color Vectorscope
- 16CH Audio Level Meters
- Tri-Color Tally


NEW!
MAR-OR-185AFHD • Your Price \$2831.25
Marshall
Marshall VS-104-3GSDI 1080p/60 Full HD Video Encoder/Decoder with Stereo Embedded or Analog Audio

The Marshall VS-104-3GSDI is a 1080p/60 full HD video encoder/decoder with stereo embedded or analog audio. Supports 3GSDI, HDSDI, SDI, HDMI and CVBS formats.

- PoE+ (Power Over Ethernet) 802.3af)
- USB Recording
- Watchdog for System Recovery
- RS-232, RS-422/485 Communication
- Motion Detection


NEW!
Marshall
MAR-VS-104-3GSDI • Your Price \$3195.15

NEW!
Marshall CV-RCP-V2 Touchscreen RCP Camera Control Adjust & Match

- Easily convert to fiber using common fiber media converters for much longer distances.
- Seven cameras are select-able from ALL screen menus with intuitive navigation layout.
- Global or individual camera adjustment capability without OSD (On-screen Display) Menu appearing on video stream.
- Adjust Red/Blue, Brightness (AE Offset), Gain, Gamma, Iris, Shutter, Saturation, Hue, Optical/Digital Zoom, Pan-Tilt, Focus, and more.
- Rugged machined aluminum enclosure provides durability while a larger 5-inch screen provides easier access to digital buttons.

MAR-CV-RCP-V2 • Your Price \$1199.00
Marshall
Marshall VS-M226-M-IRIS CS Mount 3MP 2.2-6mm 2.7x Zoom Lens with Manual Iris Control

The Marshall VS-M226-M-IRIS is a 3 Megapixel HD VariFocal 1/3" CS mount lens is designed to deliver clear, crisp images with high optical MTF performance. High accuracy aspherical lens elements, low-dispersion, and high refractive-index glass best suited for high performing color 1/3" HD sensors.

- Focal Length: 2.2~6mm
- Horizontal AOV: 129°~50°
- Iris: Manual Control
- F-Stop: F1.3~close
- Focus Range from Front of Lens: 8 - 0.3m

MAR-VS-M22-MIRIS • Your Price \$171.49

NEW!
Marshall
Marshall CV502-U3BNL CV502-U3 USB-Powered HD POV Camera with MXL-AC-404 USB Microphone Combo
NEW!


The Marshall CV502-U3BNL is a bundle containing the CV502-U3 USB-powered, high-definition POV camera and the MXL-AC-404 USB-powered microphone. The CV502-U3 features an ultra-wide 126°-Angle-of-View lens, that offers

simple plug-and-play connectivity with any Mac, PC, or Linux system. The AC-404 is designed to capture crystal clear speech intelligibility for Houses of Worship, web conferencing, court reporting, and more with easy plug-and-play USB connectivity.

MAR-CV502-U3BNL • Your Price \$699.00
Marshall QVW-1708-3G-DT Desk Top Quad View 17 Inch Monitor with Native Resolution - 4K Quad 3GSDI (IMD)

- 1920 x 1080 Native Display (16 x 9)
- Accepts Input Resolutions Up to 4096 x 2160
- IMD - In Monitor Display Functions
- Area Markers
- Hard Tally + Soft Tally
- Network Control via Ethernet

MAR-QVW-17083GDT • Your Price \$3748.75

Marshall

HOT NEW PRODUCTS FROM **Marshall**

BROADCAST & **PRO AV**



CV620-NDI

The Marshall CV620-NDI Full-HD PTZ Camera combines the performance and versatility of the popular Marshall CV620 PTZ Camera with NewTek's NDI|HX technology for use with NDI compatible systems. The CV620-NDI is built around a professional grade 2-Megapixel 1/2.8-inch sensor with 20x optical zoom, 340-degree horizontal pan, and 120-degree vertical tilt for complete crisp video coverage of meeting rooms, connected classrooms, control rooms, live events, and more.

In addition to 3G/HD-SDI and HDMI outputs, the CV620-NDI's NDI capability enables this camera to be easily integrated, controlled, and managed using a range of NDI-enabled equipment for seamless IP-based workflows.

AR-DM61-BT



Experience versatile audio analysis functions, flexible matrix routing and format conversion tools, and a pair of powerful speakers packed into 1 RU with the new Marshall AR-DM61-BT Multi-Channel Digital Audio Monitor. The AR-DM61-BT is a powerful audio/video QC solution designed specifically for TV stations, broadcast trucks, transfer stations and house of worship facilities.

Marshall consulted directly with broadcast engineers and systems integrators to develop a practical and flexible solution that packs versatile audio analysis functions, flexible matrix conversion tools and a pair of powerful (~100 dB) speakers into a single rack unit (1 RU). The first audio rack unit with an intuitive 10" wide LCD touchscreen in the industry, the AR-DM61-BT can display up to 64 audio channels from multiple signal types and includes a built-in live video preview confidence monitor.



M-LYNX-702

The M-LYNX-702 V.3 Dual 7" LCD display is a feature-packed, economical solution perfect for fly-packs, control rooms, routing rooms and countless other video system applications. Dual looping video

inputs set this product apart from similar-looking products. With the M-LYNX-702 V.3, you are not limited to the single SDI connector you may find on competitor models. Standard power and tally connections as well as a logical menu structure make this display an easy choice for flexible system designs.

Marshall Full-HD (3G/HD-SDI) 2.5MP Mini-Broadcast POV Camera with 3.7mm 2MP Lens

Marshall



2.5 Megapixel 1/3-inch CMOS Sensor • 3.7mm Megapixel M12 Prime Lens installed (interchangeable) • 1920x1080p 59.94/29.97, 1920x1080i 59.94, 1280x720p 59.94/29.97fps • 3G/HD-SDI (BNC) & CVBS (BNC) built into rear panel • Captures sharp & vivid color images at 0.2 lux (low light sensitive) • WDR function supports high speed & high sensitivity to various light sources

MAR-CV502-MB • Your Price \$499.99

Marshall CV565-MGB MINI Genlock Broadcast Camera



2.5 Megapixel 1/3-inch CMOS Sensor • 3.7mm Megapixel M12 Prime Lens installed (interchangeable) • GENLOCK Tri-Level Sync at camera level to ensure clean switching between cameras • Sync in 3GSDI (1080p59.94/50/60fps) as well as HDSDI (1080i59.94/50/60fps and 1280x720p59.94/50/60fps) • Supports resolutions of 1920x1080p, 1920x1080i, and 1280x720p • Camera will adjust to Resolution & Framerate of Sync source • 3G/HD-SDI (BNC) &

Marshall

HDMI (full size v1.3) built into rear panel • Captures sharp & vivid color images at 0.2lux (low light sensitive) • New WDR function adjusts automatically to bright and dark areas in FOV

MAR-CV565-MGB • Your Price \$799.00

Marshall Mini Lipstick IP67 Weatherproof Full-HD Cameras 3GSDI / HDSDI (BNC)



Marshall

CV225-MB:
1080i59.94, 1080p59.94/29.97,
720p59.94/29.97 fps
CV225-M:
1080i60/50, 1080p60/50/30/25,
720p60/50/30/25 fps

1/3-inch 2.5 Megapixel CMOS Sensor 16:9 • 3.7mm MP M12 Mount Lens - interchangeable • IP67 weatherproof camera enclosure w/ 1/4"-20 mount (rear panel) • 118 inch (3m) Breakout Cable includes 12V power (2.1mm-center pin +) connector, RS485 phoenix connector, and 3G/HD-SDI (BNC) - 111 inch (2.8m) to OSD Joystick • 19.5mm diameter (0.76-inch) cylinder • 0.2Lux (COLOR-Day) / 0.1Lux (B/W-Night), 0.005Lux (DSS on) • Auto/Manual White Balance, Exposure, Gamma, Red/Blue Gain, Black Levels (Pedestal) • Wide Dynamic Range (ACCE), Digital Noise Reduction (DNR), Digital Defog, HLC • 19.5 x 62.5mm, Approx. 80grams (0.17lb) • OSD Joystick on Cable assembly

MAR-CV225-MB • 1080p59.94 FPS • Reg. \$599.99 Your Price \$499.99

MAR-CV225-M • 1080p50/60 FPS • Reg. \$599.99 Your Price \$499.99

Sony SRG300SEW 3G-SDI & Live IP Streaming Camera

1/2.8" Exmor CMOS Sensor - 1080/60p, 1080/60i, 720/60p • High 30x Optical Zoom • Simultaneous 3G-SDI and IP H.264 Full HD streaming • 65° Horizontal Wide Field of View • XDNR Technology helps to provide clear Images in low-light conditions • Network Port 10BASE-T / 100BASE-TX (RJ-45) • Up to 256 camera preset positions

SNY-SRG300SE • Black / SNY-SRG300SEW White • Reg \$3849.00 Your Price \$2690.00



SONY®

POV & PTZ CAMERAS

Marshall CV620-WH2 Broadcast PTZ Conference Camera 20x Optical Zoom - White

- 2 Megapixel 1/2.8-inch HD sensor
- 20X Optical Zoom 4.7~94mm (F1.6~3.5) with 12x Digital
- Quiet, smooth, stable PAN, TILT, ZOOM motor allows for quality transitions
- Simultaneous 4D Control for Pan, Tilt, Zoom, and Focus
- HD-SDI/3G-SDI (BNC) and DVI video outputs
- RS232/RS422 Remote Control Interface at High Comm Speeds
- Mountable via table, wall, ceiling mounts included with flip-able images
- Compatible with most integrated video management systems



Marshall

White • **MAR-CV620-WH2 • Your Price \$2399.00**

Black • **MAR-CV620-BK2 • Your Price \$2399.00**

AJA RovoCam Integrated 4K/HD Camera with HDBaseT

RovoCam is AJA's first compact block camera for industrial, corporate, security, ProAV and broadcast applications. RovoCam's HDBaseT interface supports control of 4K/ UltraHD video, power, audio and RS-232 over a single Cat 5e/6 cable.

- Superior Optics, Simply Delivered
- Distance, Power and Control. All Over a Single Cable
- Robust, Reliable, Desirable
- Powerful Optics meets Easy Transport.
- Complete Control



AJA VIDEO SYSTEMS

AJA-ROVOCAM • Your Price \$2495.00

Newtek NDIHX-PTZ1 NDI PTZ-1 NDI SDI and HDMI Camera



- Native support for HD video formats up to 1080p 60
- Integrated and automatic tally support via NDI
- Motor-driven pan-tilt-zoom operation with preset positions
- Remote control & monitoring via Web-based user interface
- Remote control over IP via NewTek Studio Monitor
- Remote capture & recording via NewTek Studio Monitor
- Power over Ethernet via POE+ (802.3at) or included DC 12V 1A external supply



TRI-NDIHX-PTZ1 • Your Price \$2699.00

Datavideo PTC-150 Pan Tilt Zoom Remote Controlled Camera

- 30x zoom allows cameras to be positioned near the action or far away while still obtaining good clarity and close-ups of the subject.
- Digital noise reduction for beautiful smooth image quality, even in low lighting conditions.
- Auto / Manual options for Iris Control and White Balance allows fine tuning for calibrating multiple cameras together.
- Built-in Tally Lights that interface natively with Datavideo Switchers. (Red for Live / Green for up-next).
- RMC-180 Controller compatible.



datavideo®

DV-PTC-150 • Your Price \$2499.00

CAMCORDERS

**NEW FROM
NAB 2018**

markertek®

Blackmagic Design Pocket Cinema Camera 4K



Blackmagicdesign

- **Effective Sensor Size** - 18.96mm x 10mm (Four Thirds)
- **Lens Mount** - Active MFT mount.
- **Lens Control** - Iris, focus and zoom on supported lenses.
- **Dynamic Range** - 13 Stops.
- **Shooting Resolutions** - 4096 x 2160 (4K DCI), 3840 x 2160 (Ultra HD), 1920 x 1080 (HD).
- **Frame Rates** - Maximum sensor frame rate dependent on resolution and codec selected. Project frame rates of 23.98, 24, 25, 29.97, 30, 50, 59.94 and 60 fps supported. Off-speed frame rates up to 60 fps in 4K DCI, 120 fps in HD windowed.
- **Focus button** turns on peaking, auto focus available using compatible lenses.
- **Iris Control** - Iris wheel and touchscreen slider for manual iris adjustment on electronically controllable lenses, iris button for instant auto iris settings on compatible lenses so no pixel is clipped in film mode. Scene average auto exposure in video mode.

BMD-POKETCINCM4K • Your Price \$1295.00

Blackmagic Design Studio Camera 4K 2

- The Blackmagic Studio Camera 4K is the live broadcast camera that's ready for multi camera Ultra HD production today.
- Featuring a massive 10 inch viewfinder, MFT lens mount, talkback, tally indicators, phantom powered microphone connections, 12G-SDI and user upgradeable optical fiber connections that let you connect to your switcher with a single cable!
- The advanced 4K model is switchable to 1080 HD, that means you can work in HD today and you're always ready for Ultra HD production.



Blackmagicdesign

CINSTUDMFT-UHD2 • Your Price \$1695.00

Blackmagic Micro Studio Camera 4K



Blackmagicdesign

- You get a full Ultra HD resolution camera that can be used in HD and Ultra HD video formats and it can be fully controlled from the switcher via the SDI control protocol.
- Micro Studio Camera 4K includes powerful features such as built in color corrector, talkback, tally indicator, PTZ control output, built in microphones, backup battery, an adaptable MFT lens mount and B4 lens control output.

BMD-CINSMFTUHD2 • Your Price \$1295.00

Blackmagic URSA Ultra HD Broadcast Camera

- 2/3 inch sensor size when using 4K B4 mount (Actual sensor size 13.056mm x 7.344mm)
- Electronic control via 12-pin broadcast connector. Control also possible via EF mount pins when using optional URSA Mini Pro EF Mount
- Built in Four position ND filter wheel with clear, 2-stop, 4-stop and 6-stop ND filters
- Focus button turns on peaking, auto focus available using compatible lenses with focus servo
- B4 2/3 inch Lens Mount • 4 inch LCD capacitive touchscreen



BMD-CINURSAMWC4K • Your Price \$3495.00

JVC GY-HC900C20 Connected Cam Full HD Broadcast Camcorder with Three 2/3-inch CMOS Sensors and 20x Fujinon Lens

Designed with ENG in mind the GY-HC900C20 delivers a stunning 20 mbps with SMPTE 2022 forward and Zixi error correction assuring reliable transmission. The camera body features an industry standard B4 Lens mount, OLED viewfinder, IPX2 splash-proof rating, a LAN terminal, USB 3.0 host port and dual SD card slots. With the C20 version you also receive a Fujinon XT20SX4.7BRM HDTV Zoom lens!



JVC-GY-HC900C20

Your Price \$17400.00

JVC GY-HM250U 4KCAM Streaming Sports Production Camcorder with AC Power Supply

- Single 1/2.3-inch CMOS image sensor with 12.4 million pixels
- High quality integrated 12x F1.2-3.5 zoom lens (35mm equivalent: 29.6-355mm)
- Graphic score overlay with custom logo option (HD mode only)
- **Dynamic Zoom** in HD mode combines optical zoom and pixel mapping to create seamless and lossless 24x zoom.
- 4K Ultra HD recording (150 Mbps, 24/30p) to SDXC(UHS-I Speed class3) card
- 4K Ultra HD recording (70 Mbps, 24/30p) to SDXC/SDHC(Class 10) card
- 4:2:2 Full HD (24-60p) recording at 50Mbps • 120fps HD recording



JVC-GY-HM250SP • Your Price \$2595.00

Sony PXWZ-280 4K Handheld Camcorder with 12G-SDI and Dual Link Cellular Connection

- Spectacular HDR performance
- Amazingly fast precision auto focus
- 12G-SDI accelerated workflow
- Dual Multi-Interface (MI) Shoe
- Dual XLR and 4 Channel Audio
- Dual SxS media slots
- Networked for high mobility
- High-quality XAVC Intra and XAVC Long GOP recordings
- Broadcast-standard MPEG HD422 and MPEG HD
- DVCAM at 25 Mbps in MXF file format • Built-in electronic Variable ND Filters



SONY-PXWZ280 • Your Price \$8499.00

Canon VIXIA HF R800 HD Camcorder - Black



Canon

- 57x (32.5-1853mm) Advanced Zoom and Super Range OIS
- SuperRange Optical Image Stabilization
- Canon 3.2 Megapixel Full HD CMOS Image Sensor
- DIGIC DV 4 Image Processor

You won't miss any of the action when shooting video with the VIXIA HF R800 camcorder and its impressive 57x Advanced Zoom range. Long-range shooting allows you to create videos with dynamic variety, and is less likely to disrupt the action you're shooting. It's ideal for formal ceremonies, animals in the wild, candid family videos and more.

CAN-HF-R800-BK • Your Price \$249.99

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

LiveU Solo Premium Video Encoder SDI & HDMI Version



LiveU Solo offers the best-in-class 'plug and play' live streaming bonding solution, bringing LiveU's broadcasting expertise to the online media market. As a professional streamer, you can't afford to lose viewers over a poor connection. Join a long list of professionals using LiveU Solo for a high-quality, robust live video stream: Publishers, Influencers, Photographers Educators, Vloggers and more!

- INTEGRATED UNIT: Audio/video encoder, micro SD card, internal battery
- VIDEO INPUT RESOLUTIONS: 1080p50/60/25/30/24, 1080i50/60, 720p50/60/25/30/24, PAL, NTSC
- HW INTERFACES: 4G on the HW interfaces

LU-LUSOLO • Your Price \$1399.00

VITEC 16647 MGW Ace Decoder

- HEVC & H.264 decoding of HD/SD feeds with optimal latency
- Broadcast quality decoding up to 4:2:2, 10 bits
- Broadcast quality decoding up to 4:2:2, 10 bits
- Reliable stream delivery with built-in Zixi stream protection
- Rich, Industry standard video and audio output interfaces to match any setup
- Up to 2 pairs of audio decoding
- Closed captioning and DVB-ASI support
- Audio Talkback / IFB for easy communication between teams
- Future-proof design with 4K support in the roadmap



VIT-16647 • Your Price \$3895.00

VITEC
VIDEO INNOVATIONS

Matrox MHDx/I Monarch HDX Dual-Channel H.264 Encoder for Broadcast Streaming and Recording



- Powerful, High Quality H.264 Encoding Engine
- Simultaneous Dual-Channel Streaming and Recording
- Selectable HDMI and SDI Inputs and Simultaneous Outputs

matrox®

- Easily Webcast to Your Audience
- Control from Anywhere
- H.264 Preview Stream
- Profiles and Presets
- Robust and Practical Design

MTX-MONARCH-HDX • Your Price \$1995.00

Blackmagic H.264 Pro Recorder



- Capture from Broadcast Decks Directly to SD & HD H.264 Files!
- Distribute video files to websites, YouTube, Facebook, iPhone and even iPad
- Handles capture from all popular video formats so you can encode directly from professional broadcast decks!
- Encoding from SDI, HDMI, analog component/composite and balanced audio!

Blackmagicdesign

BMD-H264PRO • Reg. \$495.00 Your Price \$495.00

StarTech Standalone Video Capture and Streaming Device HDMI or Component 1080p - USB 2.0

- Standalone video capture using SD storage
- Standalone video streaming using the built-in LAN port
- Capture video to your computer through USB
- Easy-to-use software included
- H.264 encoding
- HDMI video passthrough
- NTSC and PAL systems supported

ST-USB2HDCAPS • Your Price \$169.95



StarTech.com
Hard-to-find made easy™

Epiphan ESP1440 Pearl Mini All-In-One Video Production System



epiphan video



The ESP1440Pearl Mini is a reliable, all-in-one video production system that's small in size and big on pro features. With Pearl Mini, users will have a portable video production studio that records, streams, and

switches up to 2 HD inputs simultaneously.

- Video input: 2 x HDMI, 1 x 3G SDI • Connectors: Mic-level: 2 x XLR, 1 x 3.5mm Line-level: 1 x stereo RCA, 1 x stereo TRS • Input level max: 26 dBu
- Video outputs: On-board touch screen and 1 x HDMI for video output
- Video switching: During live streaming and recording via the touch screen or web UI
- Codecs: H.264, MPEG-4, Motion JPEG • Bitrate: 1 to 50 Mb/s
- Color resolution: 4:2:0 • Resolution: User selectable up to 1920 x 1200
- Encoded programs: 2 simultaneous 1080p programs at 30 fps (with up to 2 Full HD sources)

EPIP-ESP1440 • Your Price \$3495.00

Epiphan Webcaster X2 Facebook and YouTube Live Stream Video Encoder

The easiest way to live stream to Facebook and YouTube

Live streaming shouldn't be complicated! Webcaster X2 is a dedicated encoder designed from the ground-up for live streaming to YouTube and Facebook, making streaming a breeze. Pair your device once with your accounts and it remembers your settings for all future streams.

- Pro Video and audio with HDMI out
- Foldable WiFi antenna
- Status LED • LCD display
- Choose Ethernet or WiFi • Live monitoring

EPIP-ESP1382 • Your Price \$299.95

Epiphan VGADVI Broadcaster Portable Audio & Video Streaming Device

- Stream while recording
- Capture from screens or cameras at full HD resolution
- Manage and control either locally or over a network
- Capture presentation camera, slides and voice simultaneously
- Supports VGA, DVI, HDMI, S-Video, composite, & RGB component
- Use it everywhere - it's portable with no software to install
- Stream directly to set-top boxes, smart TVs, and electronic signs via MPEG-TS
- Two video input channels (1 HD, 1 SD)
- Single stream or independent streaming and recording

EPIP-ESP0440 • Your Price \$1600.00



epiphan video



epiphan video

Datavideo NVS-25 H.264 Video Streaming Server

- Standalone streaming encoder that can stream live video to a CDN and record to a removable USB drive simultaneously.
- SDI, HDMI, and Composite inputs. The versatility of the NVS-25 allows it fit into any application.



datavideo®

DV-NVS-25 • Your Price \$799.00

VIDEO STREAMING

Teradek Serv Pro Miniature SDI/HDMI Video Server GbE WiFi



The Teradek Serv Pro is a hardware streaming device that allows up to 10 iPhones and iPads to monitor a video feed in HD over WiFi. Perfect for script supervisors, hair & makeup, classrooms, and documentary shoots, Serv Pro offers a compelling monitoring alternative to zero delay wireless video systems.

- Serv connects to cameras via HDMI or 3G-SDI and streams over 2.4 / 5GHz WiFi or ethernet to iOS devices connected to the same network
- Each Serv Pro feed is streamed at 1080p with just a 2 frame delay
- Works harmoniously with Teradek Bolt and Paralinx products
- The VUER application for iOS puts an entire cinematographers toolset in your hands, allowing you to use vectorscopes, false color, focus peaking, and more on each Serv Pro feed you're monitoring
- Monitor up to 4 live feeds at one time

TER-SERV-PRO • Your Price \$1799.00

Teradek CUBE-655 HD-SDI Encoder 10/100 USB 2.4/5.8GHz

- H.264 encoder that transmits HD video over a/b/g/n WiFi, Ethernet, and cellular
- Includes ShareLink, a network aggregation service based on Teradek's bonding technology
- Encodes video at bitrates up to 15 Mbps for pristine quality in any application
- 3G-SDI and HDMI video input
- WiFi: 802.11 a/b/g/n/ac MIMO
- Hot Shoe Mount • Storage: microSD • Ethernet: 10/100BASE-T
- USB: USB 2.0 host port • Analog Line or Mic in • Headphone output

TER-CUBE-655 • Your Price \$1990.00



Teradek VidiU Camera-top HDMI H.264 Encoder



VidiU offers API level integration with the Ustream and new Livestream platforms, which makes streaming to your channel as easy as logging into your account.

VidiU's generic RTMP interface allows you to stream your live

video content to a Wowza server or the platform of your choice at any time.

- VidiU streams over dual band MIMO WiFi, Ethernet, or via a single 3G/4G USB modem. Rechargeable Li-Ion battery lets you roam cable-free for up to 60 minutes.
- VidiU offers a free application for iOS that allows you to stream a second video feed to your mobile device for monitoring your live broadcast.
- Connect your HDMI video source to VidiU and stream at resolutions up to 1080p. Embedded HDMI audio, headphone output, and a mic/line input are supported.

TER-VIDIU • Your Price \$699.00

VIDIU-PRO offers: Higher Bitrates • Enhanced WiFi • Internal Recording • Device Management using Core • Share Link Capability

TER-VIDIU-PRO • Your Price \$999.00

**NEW FROM
NAB 2018**

markertek®

BirdDog Mini HDMI to NDI Encoder with Tally and PoE

BirdDog Mini is the only product in the world to offer full-bit rate 1080p 60 NDI Encoding, 1080p60 NDI Decoding (using BirdDog Link), Tally, Comms, and Power over Ethernet.



NEW!



- With support for all resolutions from SD right through to 1080p and frame rates up to 60p, Mini is designed for maximum flexibility.
- Mini makes Tally easy. Zero configuration, built-in Tally display, selectable Tally borders on loop out, and an external Tally output.
- Mini can be powered by Power over Ethernet (PoE) or D-Tap from your camera battery. No need for a power adapter, although there is one available should you need it.
- Native support for the best and most intuitive Audio Intercom system on the planet; BirdDog Comms.
- Mini supports BirdDog Link. Encode from any BirdDog Studio NDI or Mini and play out to a TV or monitor.

BDS-BDMINIHDMI • Your Price \$595.00

Pico Digital HD-2.1 H.264 Decoder

- Decodes high-definition and standard-definition signals
- Decodes MPEG-2 / AVC / H.264 / MPEG-4 video
- Decodes MPEG-1 Layer I/II and Dolby AC3
- Clear QAM and Hollywood-approved CAS
- Supports 64 and 256 QAM inputs
- Elegant, intuitive, and simple high-definition user interface
- Auto scanning for QAM channels and programs
- Supports Electronic Program Guide (EPG)
- Multiple language support
- Firmware updates via cable TV network
- HDMI and analog composite video/audio outputs

PM-HD21 • Reg. \$99.95 Your Price \$84.95



PICO DIGITAL

Teradek CUBE Encoders

- Built-In OLED Screen for Instant Setting Changes
- Built-in rechargeable Li-Ion Battery
- MIMO for better WiFi performance
- SD card for Recording
- Headphone output
- Dual Band WiFi
- Two USB ports for Battery Charging & Connectivity
- External USB Port, Ethernet & "Go Live" Button
- Hot Shoe Mount with 1/4 20 screw
- Bullet Proof High Grade Aluminum
- HD-SDI Encoder
- Lemo Power Input

TER-CUBE-105 • 1 Channel 3G HD-SDI to h.264 Video Over Ethernet or 3G/4G LTE EncoderYour Price \$1690.00

TER-CUBE-155 • Dual Band WiFi 1-CH HD-SDI EncoderYour Price \$1990.00

TER-CUBE-255 • Dual Band WiFi 1-CH HDMI EncoderYour Price \$1590.00



TERADEK

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

Teradek CUBE 700 Series HD HEVC

- The 700 series supports up to 1080p60 streaming resolution/frame rates.
- Stream high quality video content at half the bandwidth required of AVC compression. Switch between AVC and HEVC compression whenever you like.
- Cube HEVC decoders support HEVC streams from 3rd party encoders.
- Fully compatible with Core and its new transcoding engine. This allows you to take advantage of HEVC encoding when streaming to Core, while delivering your content in AVC to your destination.
- Dual input (HDMI + SDI), compatible with the new Bond module, and available with GigE and dual band 802.11ac WiFi.

TER-CUBE-755 • HEVC Encoder
Your Price \$2990.00

TER-CUBE-775 • HEVC Decoder
Your Price \$2990.00

**Teradek Slice 700 Series
HD HEVC Rackmount Version**

TER-SLICE-756 • HEVC Encoder
Your Price \$3990.00

TER-SLICE-776 • HEVC Decoder
Your Price \$3990.00

Teradek CUBE 800 Series 4K HEVC

- The 800 series supports up to 2160p60 streaming resolution/frame rates
- With Cube, your IP video possibilities are practically endless
- Stream to any online video platform or to many at the same time using the Core cloud platform.
- Stream point-to-point using MPEG-TS, RTSP, or a variety of other supported protocols.
- Monitor your live video feed on an iOS device for confidence or local configuration.
- Turn your camera into a wireless video feed for Teradek's Live:Air iOS switcher application.
- Comprehensive protocol support: MPEG-TS, RTSP, RTMP, HLS, TDS.

TER-CUBE-855 • 4K HEVC Encoder
Your Price \$3990.00

TER-CUBE-875 • 4K HEVC Decoder
Your Price \$3990.00



HEVC, also known as H.265, is a next-generation compression standard that offers a number of enhancements over H.264. Compared to AVC (H.264) compression, HEVC is 50% more efficient, which translates into maintaining the same video quality at half the bitrate or double the video quality at the same bitrate. In other words, H.265 will save you on bandwidth overhead and cost, especially if you're transmitting over cellular networks.

**Teradek Slice 800 Series
4K HEVC Rackmount Version**

TER-SLICE-856 • HEVC Encoder
Your Price \$4990.00

TER-SLICE-876 • HEVC Decoder
Your Price \$4990.00

**Teradek VidiU Go HEVC / H.264 Encoder
with Bonded Cellular Technology**

VidiU Go is a live streaming encoder for businesses, freelancers, and enthusiasts seeking the cutting edge of broadcast technology. Built on Teradek's venerable Cube HEVC platform, VidiU Go streams to Facebook, YouTube, Twitch, and any other online video platform in pristine 1080p60 video quality.

- Stream with HEVC or H.264 compression

- Supports up to two high performance 3G / 4G / LTE Teradek Node modems
- 3G-SDI and HDMI inputs | USB-C power
- Streams to any online video platform, including Facebook, YouTube, Periscope, and more
- Streams to multiple video platforms simultaneously with Core and Sharelink

TER-VIDIU-GO • **Your Price \$1490.00**

**WellAV StreamCast Encoder with AV Component HDMI SDI in
and MPEG2 MPEG4SD HD Encode with IP out**

- Compact, all-in-one design
- H.264 HD/SD and MPEG2 HD/SD quality video encoder
- MPEG, AAC and AC3 audio encoding
- Rich IP streaming protocol support including UDP/RTP multicast or unicast, HLS-OTT, RTMP and RTSP
- QAM Annex A/B/C digital cable RF output
- Built-in Wi-Fi access point for web interface and for streaming

WAV-NB100A-01 • **Your Price \$999.00**

**Datavideo NVS-30 H.264 Video Streaming Encoder
with Streaming & Recording Simultaneously**

- Video Streaming Server
- Simultaneous Live Streaming & Recording
- HDMI Input and Output
- Up to 20Mbps Streaming/30Mbps Recording
- H.264 RTSP/RTMP Compliant Streaming
- H.264 MP4 Recording with 2 Ch AAC Audio
- Multi-Tap 10-Bit Scaler & De-Interlacer • Web UI for system configuration
- Start/Stop - Front Panel Push Buttons

DV-NVS-30 • **Your Price \$799.00**

**Marshall VS-11 H.264 Encoder / Decoder**

- A/V Encoder/Decoder
- Up to 30fps / 25 fps @ Full D1 resolution
- H.264/H.264, H.264/MJPEG Dual Streaming
- Encoder / Decoder Selectable
- Two-Way Audio Communication (G.711, AAC)
- Composite Video Input / Output • Instant Recording (to optional USB 2.0)
- DDNS (Dynamic Domain Name Server) • PoE (Power Over Ethernet) : 802.3af
- Watchdog for system recovery • Integrated Video Motion Detection
- Transmission of Video Data through FTP server • Audio Input / Output

MAR-VS-11 • **Your Price \$364.65**



Marshall

BLACKMAGIC VIDEO CARDS **NEW FROM NAB 2018**

Blackmagic DeckLink Mini Recorder 4K Low Profile PCIe Capture Card

DeckLink Mini Recorder 4K is a low profile PCIe capture card, featuring 6G-SDI and the latest HDMI 2.0a connections so you can record all formats up to 2160p30 on your computer! The SDI and HDMI inputs automatically detect and switch between all video formats. You even get high dynamic range recording and metadata over HDMI, along with support for Rec. 2020 color space. The DeckLink Mini Recorder 4K is perfect for integrating into mobile live capture environments, broadcast trucks and more!

BMD-DLMR4K • Reg. \$195.00 Your Price \$195.00

Blackmagicdesign

Blackmagic DeckLink Mini Monitor 4K Low Profile PCIe Playback Card

DeckLink Mini Monitor 4K is a low profile PCIe playback card, featuring 6G-SDI and the latest HDMI 2.0a connections so you can monitor all formats up to 2160p30 from your computer! The SDI and HDMI outputs let you connect to any television or monitor and automatically detect and switch between all video formats. You even get high dynamic range playback and metadata over HDMI, along with support for Rec. 2020 color space.

BMD-DLMM4K • Reg. \$195.00 Your Price \$195.00

Blackmagicdesign



Blackmagic Design BDLKDUO2 DeckLink Duo 2 PCIe Capture and Playback Card

Featuring 4 independent 3G-SDI connections, DeckLink Duo 2 is a PCIe capture and playback card that supports SDI formats in SD and HD up to 1080p60! You get the flexibility of 4 separate capture or playback cards in one! Plus, it's completely customizable so it's perfect for media play-out systems, multi screen digital signage servers, real time multi channel capture systems and more!

BMD-BDLKDUO2 • Reg. \$495.00 Your Price \$495.00

Blackmagicdesign



Blackmagic BMD-BINTSPRO4K Intensity Pro 4K Capture Card

Intensity Pro 4K lets you capture and playback on PCIe Mac, Windows and Linux computers. Featuring HDMI and analog breakout connections, Intensity Pro 4K works with NTSC/PAL, HD and Ultra HD video with or without compression and is compatible with all popular video editing, audio, and streaming software. DaVinci Resolve Lite and Media Express software are included free so you get professional editing, grading and media management without having to buy extra software!

BMD-BINTSPRO4K • Reg. \$199.00 Your Price \$199.00

Blackmagicdesign



Blackmagic Design BDLKDVQD2 DeckLink Quad 2 PCIe 4 Lane

This new model of DeckLink Quad 2 features 8 independent 3G-SDI connections so it can now work in high HD frame rates and it supports SDI formats in SD and HD up to 1080p60. Each SDI connection is completely independent, meaning that each of the 8 connections can input or output entirely different video standards and content streams, all at the same time. DeckLink Quad 2 can also capture and playback at the same time, and also includes a reference connection for black burst/tri-sync.

BMD-BDLKDVQD2 • Reg. \$995.00 Your Price \$995.00

Blackmagicdesign

Blackmagic DeckLink Mini Recorder PCIe Capture for 3G-SDI and HDMI

Record uncompressed 10-bit video using from 3G-SDI and HDMI video sources. DeckLink Mini Recorder switches between SD and HD video formats and is perfect for building ingest servers or other video solutions where you need to capture only in a low profile card! Includes two PCIe shields for both full height and low profile slots.

BMD-DLMR • Your Price \$145.00

Blackmagicdesign

Blackmagic Design BDLKSTUDIO4K DeckLink Studio 4K

If you work with a wide range of analog video and audio gear, and need to move seamlessly between SD, HD, 2K and Ultra HD, then DeckLink Studio 4K is perfect! DeckLink Studio 4K includes a massive number of analog and digital video connections including SD/HD/Ultra HD 6G-SDI, HDMI 1.4b, SD/HD component, composite, S-video, 4 ch balanced analog audio, 2 ch AES/EBU switchable to 6 ch out, black burst and tri-sync reference input, RS-422 deck control connections, keying in SD and a hardware down converter.

BMD-BDLKSTUDIO4K • Reg. \$595.00 Your Price \$595.00

Blackmagicdesign

Blackmagic Design BDLKSDI4K DeckLink SDI 4K

DeckLink SDI 4K is perfect when you need an SDI only solution but demand the highest quality SDI capture and playback. You get incredible quality 6G-SDI on any PCI Express Mac, Windows or Linux computer. DeckLink SDI 4K is the world's smallest and most affordable multi rate SD/HD and Ultra HD SDI video card that lets you connect to any SD, HD, 2K and Ultra HD equipment. You also get RS422 deck control, internal keying and reference input for a complete solution for editing, paint and design.

BMD-BDLKSDI4K • Your Price \$295.00

Blackmagicdesign



WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

Contemporary Research QMOD Encoders

- Set up with front-panel buttons and easy to use menus or use onboard Web page for setup and monitoring
- Update firmware from USB or Ethernet
- Fan cooled, with variable speeds
- Includes compact switching power supply
- Saves power and rack space using efficient 1/2 rack width design
- Mounts in included RKU 19" rack mount kit
- Meets RoHS safety and California energy standards



- CRC-QMOD-SDIHDMI** • Dual-channel RF or IPTV Encoder with SDI and HDMI Inputs **Your Price \$2333.00**
- CRC-QMOD-HDMI2** • Dual-Channel RF or IPTV Encoder with HDMI Inputs **Your Price \$2172.00**
- CRC-QMOD-SDI2** • Encoder with Dual SDI and Composite In and Agile QAM Output **Your Price \$2725.00**
- CRC-QMOD-HDMIRGB** • Dual-channel Encoder with one Non-HDCP HDMI & RGBHV/Component input **Your Price \$1892.00**

NEW!

**Contemporary Research QIP Encoders**

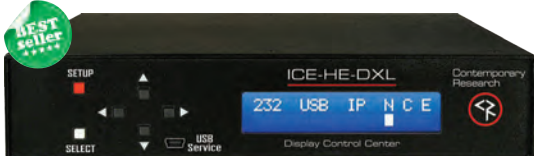
- Sets up with front-panel buttons and easy to use menus, including inputs, encoding, channel, and RF options.
- Onboard Web page for setup and monitoring, also accessible from front-panel USB port - an Ethernet connection is not required
- Updates firmware via USB and Ethernet
- Fan cooled, with adjustable speed
- Saves power and rack space using efficient design
- Includes compact switching power supply
- Mounts in optional 1RU single (RK1) or dual (RK2EZ) 19" rack kits
- Meets RoHS safety and California energy standards



- CRC-QIP-SDI-HDMI** • IPTV Encoder with H.264 - HD-SDI/HDMI/Composite/Analog Stereo/SPDIF Inputs **Your Price \$2147.00**
- CRC-QIP-HDMI2** • IPTV Encoder with H.264 - HDMI/Composite/Analog Stereo/SPDIF Inputs **Your Price \$1828.00**
- CRC-QIP-SDI2** • IPTV Encoder with H.264 HD-SDI/Composite/Analog Stereo/SPDIF Inputs **Your Price \$2725.00**

Contemporary Research ICE-HE-DXL Display Control Center

- Receives commands via RS-232, USB, or Ethernet
- Networks up to 4,000 TVs through an in-house RF coax system
- Sends commands to individual devices, zones, or all units
- Interacts with CR Display Express software, onboard DX Lite software, or custom control systems
- Employs a front-panel LCD display for setup and status information

**CRC-ICE-HE-DXL • Your Price \$1275.00****Contemporary Research 232-ATSC 4 HDTV Tuner with MPEG4**

- Tunes analog and digital channels in ATSC, NTSC, and clear QAM formats
- Accepts MPEG-4 TV channels, as well as standard MPEG-2
- Scales video output from 480p to 1080p
- Simulcasts from HDMI and composite video ports, as well as stereo, and digital coax and Toslink optical audio ports
- Switches to RGBHV or Component output from front-panel settings, Web page or control commands
- Dolby 5.1 or PCM/Variable PCM digital audio formats for digital audio ports and HDMI

**CRC-232-ATSC-4 • Your Price \$935.00****Contemporary Research ATSC-SDI 4 - HDTV Tuner SDI**

- The ATSC-SDI 4 is the first HDTV Tuner that features a native HD-SDI port, as well as MPEG2 and MPEG4 decoding.



- Tunes analog and digital channels in ATSC, NTSC, and clear QAM formats
- An HD-SDI port outputs the tuned program, with captioning and V-Chip data, scaled to a set resolution up to 1080p
- Component, and composite video ports, as well as stereo, and digital coax and Toslink optical audio ports
- Dolby 5.1 or PCM/Variable PCM digital audio formats for digital audio ports
- HD-SDI selectable to pass through Dolby 5.1 as AC-3 or decode to stereo AES audio

CRC-ATSC-SDI4 • Your Price \$1254.00

VIDEO TESTERS

**NEW FROM
NAB 2018**

markertek®

Securitytronix 7" Touch Screen IP Camera Monitor and Tester

- The ST-IP-TEST2 7 inch touch screen IP camera tester is designed for maintenance and installation of both IP cameras and analog cameras as well as other security equipment.
- It's 1920 x 1200 resolution enables it to display images from network HD cameras and analog cameras in top quality.



- The unit supports both ONVIF PTZ and analog PTZ control.
- A combination of touch screen and push buttons make the IP camera tester very user friendly.
- In addition the tester is also a great tool for Ethernet networks and cabling systems.

ST-IP-TEST2 • Your Price \$490.00

Tresent IPQ-1000 Handheld Video Over IP MPEG Transport Stream Analyzer with Internal Hard Drive & Case

- Alarms on all streams simultaneously can monitor both ASI and IP streams at the same time
- Auto discovery of all transport streams on both ASI and IP interfaces (no specific IP setup necessary)
- The device utilizes a 5" touch screen for its graphical interface to make setup and configuration more recognizable to video professionals
- MPEG2 / H.264 Video decoder to verify contents on the LCD screen
- Unique hardware accelerated design allows for multi-stream alarm evaluation ATSC A/78 and ETSI TR-101-290.
- Internal rechargeable battery provides a runtime of over 5 hours under typical use.
- Updatable via the USB port

TRES-IPQ-1000 • Your Price \$5495.00



Blonder Tongue 8VSB Digital / QAM / CATV Analog TV Analyzer

The Blonder Tongue BT-QAM-PRO is an economical

feature packed test instrument for analyzing CATV QAM and Broadcast 8VSB digital channels, as well as NTSC analog channels. This compact instrument is designed with field service technicians in mind, and provides many of the features that are typically only found in much higher priced units. The BT-QAM-PRO comes complete with a soft water resistant case and a micro USB charging/PC cable.

- MER, aBER, bBER, Noise Margin & Level/Power measurements plus Spectrum Analysis
- Spectrum Display • Constellation Display • Barscan Display
- Data Logger • Custom Memory Plans • Leakage/Ingress Measurements
- Frequency Range: 5 KHz to 1,000 MHz (Channels T7 to 158)
- 75 ohm (interchangeable "F" connector) • Power range: -50 dBmV to 40 dBmV

BT-QAM-PRO • Reg. \$869.00 • Your Price \$779.99

Securitytronix ST-ALLIN1-TEST2 7 Inch Touch Screen IP Camera Monitor and Tester



- Easily aim and focus your camera at the camera
- View IP, TVI, SDI, CVI, AHD & Analog cameras
- HDMI Input & HDMI output
- H.264 / H.265
- IP Camera discovery
- IP address scanning
- ONVIF 2.4 & RTSP compatible
- PoE and 12VDC 2A power outputs supply power directly to cameras
- Built-in WiFi

• Built-in web browser • CoC (Control over Coax) • PTZ Control: pan, tilt & zoom, focus adjustment • Supports Pelco D/P • Video record and playback, camera image snapshot • 8GB Micro SD card (included)

ST-ALLIN1-TEST2 • Your Price \$689.00

Murideo Fox & Hound Video and Audio 18Ghz HDMI Distribution Testing Kit

This 18Gbps Generator and Analyzer Testing Kit was built as the ideal testing unit for all custom and commercial integrators. The Fox & Hound Test Kit comes with an 18Gbps Generator and 18Gbps Analyzer. these tools allow you to confirm correct bandwidth, HDCP, resolution, timing, HDR metadata and many more options that could cause system hiccups if not treated correctly.

Generator

- HDCP select-able - 2.2, 1.4, none - confirms if the system will work or not
- Hot plug detect & hdcp lights
- Portable/battery operated • EDID read functionality

Analyzer

- Analyze any HDMI/DVI signals up to 18Gbps (4096x2160p60 4:4:4)
- Test HDMI/DVI cables up to 18Gbps
- View up to 18Gbps video content & format info anywhere

MUR-AC-FXHD-KIT • Your Price \$2495.00



Digital Forecast Bridge X-TS Troubleshooter BUNDLE

Multi Platform A/V Signal Converter - Analyzer SDI HDMI VGA RGB AES

The Bridge X-TS is a multi-platform signal converter/analyzer/test-pattern generator and a whole lot more! The X-TS Bundle! Digital Forecast has put together a package that will make it easy for installers or any user to grab and go. The bundled package includes a "high impact" hard shell case, a Sony battery adapter, HDMI, SDI, Component video cables, 3.5mm audio cable, ac adapter, a desktop mount and more!

- Up/Down/Cross/Scan converter
- Multiple standard Video / Audio signal - (CVBS, AES/EBU, SDI, VGA, COMPONENT, Analog audio, HDMI)
- Analog audio MUX / DEMUX • User selectable output format
- Test Pattern Generator (Stop screen and Moving Box screen)
- Menu OSD function • Audio level check (Most 8 channels are monitored)
- Touch Screen LCD Built in For Input signal monitoring • External Battery

DF-X-TS-BUNDLE • Reg. \$1199.00 • Your Price \$1139.00



WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

Roland V-1SDI-W Roland V-1SDI Web Streaming Bundle

The V-1SDIW package combines an SDI to USB 3.0 capture device and the powerful V-1SDI with scaled HDMI input providing an affordable streaming/recording live production system.

- 3 x 3G-SDI and 2 x HDMI inputs
- 2 x 3G-SDI and 1 x HDMI outputs
- Supports full 1080p
- Compact with hardware control
- Multiviewer with audio metering DSK (downstream keyer)
- PiP, Split, Quad, and Chromakey effects
- 14-channel audio mixer
- Remote software control Mac/PC

NEW!



Roland
Professional AV

ROL-V-1SDI-W • Your Price \$1595.00

Roland XS-1HD Table Top 4x4 Multiformat HDMI Matrix Switcher

Roland
Professional AV

- A table-top matrix switcher that's the width of a 13" laptop, equipped with four HDMI inputs and outputs
- High-quality 4:4:4/10-bit processing at up to WUXGA/1080p
- Frame synchronizer and scaler on all inputs
- Three operation modes Matrix Mode allow switching of 4 sources to any of 4 outputs

- Switcher Mode allows PinP, key-compositing, and dissolve transitions
- Split Mode allows PinP of up to three inset windows
- Built-in eight-channel digital audio mixer handles audio from four HDMI signals and stereo analog input • Built-in EDID emulator, and HDCP-compliant
- Still images can be loaded from a USB flash drive

ROL-XS-1HD • Your Price \$2495.00

Roland V-1HD Portable Compact Live HD Video Mixer & Production Switcher

The V-1HD makes it easy to connect and switch video cameras, smart phones, computers, tablets, Blu-ray players and other HDMI video sources with a simple push of a button or slide of the T-Fader. It supports professional compositing effects such as picture-in-picture and keying allowing for graphic insets, titling or even "green screen" ideal for news broadcast or corporate training productions.



Roland
Professional AV

- Supports up to Full HD 1080p • Easy to Use Interface
- Picture-in-picture and split functions
- Two EFFECTS knobs deliver genuine visual performance

ROL-V-1HD • Your Price \$995.00

Kramer Remote Control Console with T-Bar for VP-772

Kramer VP-772T is a dedicated remote control console for the VP-772 dual scaler seamless switcher. It is designed for use at live production events that require remote operation of the seamless switcher from a T-Bar for precise switching and transition control.



NEW!

- Convenient Switching Control - Via T-bar or Take button with selectable transition speed control • Menu Button - Control the VP-772 via an on-screen display on the preview output • Wipe Direction Control - Via front panel buttons • Control Multiple Units - Up to 4 VP-772 Seamless Switchers can be controlled from one VP-772T

KR-VP-772T • Reg. \$2500.00 Your Price \$2000.00



NEW!

Telestream Wirecast Gear Live Streaming Hardware and Xkeys Controller

- The Wirecast Gear is an extremely portable computer workstation designed to run Wirecast Pro, for live event production and streaming.
- Plug your cameras into one of the inputs and you're ready to go.

telestream

- Installed with Windows 10 Pro 64bit OS and also includes Telestream Wirecast Pro live streaming production software, Telestream Switch Plus and NewBlue Titler Live
- Includes robust connections including multiple LAN/Wifi ports, USB-C and three display outputs to create an optimal production environment

TEL-WCGEAR110XKI • 110 - 4 HDMI Inputs • Your Price \$5295.00

TEL-WCGEAR210XKI • 210 - 4 SDI Ports • Your Price \$6295.00

TEL-WCGEAR230XKI • 230 - 4 HD-SDI I/O Ports • Your Price \$7995.00

NewTek NC1 Studio I/O IP Module

NEW!



NewTek

- 4 streams of ST 2110 IN and OUT
- Built-in video servers
- SMPTE 2110 input/output module for TriCaster TC1 and IP Series
- Flexible audio connectivity and configuration, including Dante and AES67
- Professional color correction tools
- Integrated waveform and vectorscope • Gateway to Virtualization

TRI-NC1-I0IP • Your Price \$14999.00

**SlingStudio Hub 210236 Live Multi-Camera Switcher/Recorder/Streaming Wireless Video Production System**

- Connect up to 10 video sources and monitor up to 4 using the Console app running on iPad Air 2 or above (free download from the Apple App Store)
- Switcher supports cut, dissolve and wipe transitions as well as Picture-in-picture (PiP), multiple split views
- Full audio mixer functionality with monitoring mode support and adjustable audio delay up to 330 milliseconds to synchronize line-in audio with video
- Overlays Text overlays, lower-thirds (title and scoreboard)

SLING-STUDIO • Your Price \$999.00

SlingStudio

Blackmagic Design ATEM Television Studio Pro 4K

The ATEM Television Studio Pro 4K by BlackMagic Design features 8 independent 12G-SDI inputs, for working in all popular HD and Ultra HD formats up to 2160p60. Each input features re-sync as well as a full low latency standards converter, which means the input is automatically adapted to the switchers format. You can even have 8 inputs, all running different video formats! The upgraded Fairlight audio mixer features dynamics, 6 band parametric EQ, dual mono channel split and stereo simulator with audio delay on the analog inputs. ATEM Television Studio Pro 4K also features the ATEM Advanced Chroma Key, Ultra HD multi-view and motion clips in the media pool.

BMD-ATEMSTUDPR4K • Your Price \$2995.00



Blackmagicdesign

Blackmagicdesign

Blackmagic Television Studio Pro HD Live Production Switcher



- Integrated broadcast switcher and professional hardware control panel.
- 4 x 3G-SDI and 4 x HDMI inputs for a total of 8 inputs, all with auto re sync.
- Supports all video formats from SD to 720p, 1080i and 1080p HD up to 60fps.

- 1x built in multi view for 8 sources, as well as preview and program.
- Built in media pool graphics storage for 20 RGBA stills.
- Built in DVE with borders and drop shadow.
- Transitions include cut, mix, dip, SMPTE wipes and more.
- 1 upstream keyer including chroma keyer plus 2 downstream keyers.
- 1 auxiliary output with aux switching buttons and LCD screen for viewing.
- Built in audio mixer live mixes embedded audio from all video inputs and independent audio inputs.
- Balanced XLR stereo analog audio inputs.
- Internal sources include black, color bars, two color generators and 2 media player outputs.
- Ethernet connection for computer connection.

BMD-SWATEMTVSTPR • Your Price \$2295.00

Blackmagic ATEM 2 M/E Production Studio 4K

The new ATEM 2 M/E Production Studio 4K lets you produce broadcast quality live multi camera production in SD, HD or amazing Ultra HD! Featuring 20 inputs with built in re-synchronizers so you can connect the widest range of video sources such as cameras, disk recorders and computers for incredible live music, sport and more! ATEM 2 M/E Production Studio 4K has advanced broadcast features such as chroma key, customizable transitions, upstream and downstream keyers, DVE, Super Source, audio mixer, 2 x multi views, media pool and more! You also get 6G-SDI and HDMI 4K connections and 6 auxiliary outputs for the most advanced live production switching!

SWATEMPSW2ME4K • Your Price \$3995.00



Blackmagicdesign

Blackmagic ATEM Production Studio 4K



Blackmagicdesign

ATEM Production Studio 4K lets you connect

up to 8 SD, HD or Ultra HD 4K video cameras, disk recorders and computers to do true broadcast quality work. You get all the features you expect from a professional switcher including chroma key, transitions, media pool, downstream keyers, audio mixer, multi view and the world's first 6G-SDI and HDMI 4K video connections. SDI Video Input 4 x 10-bit SD/HD/Ultra HD 4K switchable. 2 channel embedded audio. HDMI Video Input 4 x HDMI type A, 10-bit SD/HD/Ultra HD 4K switchable. 2 channel embedded audio.

BMD-SWATEMPSW04K • Your Price \$1695.00

Blackmagic ATEM Television Studio HD Live Production Switcher

- ATEM Television Studio HD is the first live production switcher designed for both broadcasters and AV professionals
- 4 x 3G-SDI and 4 x HDMI inputs for a total of 8 inputs, all with auto re-sync
- Supports all video formats from SD to 720p, 1080i and 1080p HD up to 60fps
- 1 x built in multi view for 8 sources, as well as preview and program
- Built in media pool graphics storage for 20 RGBA stills
- Built in DVE with 3D borders and drop shadow
- Transitions include cut, mix, dip, SMPTE wipes and more

BMD-SWATEMTVSTHD • Reg. \$995.00 Your Price \$995.00



Blackmagicdesign

Blackmagic ATEM 1 M/E Broadcast Panel

When the software control panel is too limited, then the ATEM 1 M/E Broadcast Panel is a professional panel with the highest quality buttons, knobs and controls for the most demanding live 24/7 live production environment. The ATEM 1 M/E Broadcast Panel is compact so it fits within a rack width! You get full control of your switcher, including cameras, transitions, keyers, fader, DVE control and more. ATEM 1 M/E Broadcast Panel connects via ethernet, and includes a loop thru connection for more than one panel or computer.

BMD-SWPANEL1ME • Your Price \$4995.00



Blackmagicdesign

Blackmagic ATEM 1 M/E Production Studio 4K Switcher

Raise the production standard of any live event with the amazing built in features of ATEM Production Studio 4K switchers! You get upstream luma, linear, pattern and chroma keying for special effects, as well as downstream keying for logos and lower thirds. You also get 2 built in media players with media storage in the switcher for professional broadcast graphics. Advanced 1 M/E live production switcher with DVE, stingers and 6G-SDI so you can work in SD, HD and Ultra HD! ATEM Production Studio 4K switchers have an amazing choice of transitions including Cut, Mix, Dip and Wipe patterns. Every transition is instantly available and you get full control of the transition type, pattern, length and more.

BMD-ATEM-1MEPS4K • Your Price \$2495.00



4K

Datavideo HS-1500T HD/SD 4-Channel HDBaseT Portable Video Studio

datavideo®

NEW!



- Supports up to FHD 1080p
- Built-in HDBaseT technology allows control of up to three PTC-150TL Pan, Tilt, and
- Zoom cameras, as well as send power to PTC-150Ts by PoE.
- Pan, tilt, and zoom with speed control by Joystick
- 4 video inputs (RJ-45 x 3 + HDMI x 1)
- 3 video outputs (HDMI x 3)
- Audio inputs: XLR Analogue x 2 + RCA Analogue (L/R) x 2
- Flexible Mix/Effects : PIP, WIPE, Mix, Fade
- One 17.3-inch with a resolution of 1920x1080 dots
- Tally Output
- Built-in Tally Lights that interface natively with Datavideo Switchers.

DV-HS-1500T-2C • With 2 PTC-150TL • Your Price \$10499.00

DV-HS-1500T-3C • With 3 PTC-150TL • Your Price \$13494.00

Datavideo HS-2850 HD/SD 8 or 12-Channel Portable Video Studio

- 6 user-defined output options on 3 SDI output channels
- 1 HDMI output for multi-view monitoring
- 4x XLR Analog Audio Inputs, 2x XLR Analog Audio Outputs,
- User defined and positioned dual PIP
- Two DSK with a set up choice of basic Luma key or alpha channel
- Built-in title overlay system (TC-200) that works with CG systems
- Cut, Mix and Wipe with border
- Logo and Clock on screen
- XPT (Cross Point Assignment)

8-Channel • DV-HS-2850-8 • Your Price \$6749.00

12-Channel • DV-HS-2850 • Your Price \$7249.00

datavideo®



NEW!

This workflow lets students learn how to switch, record, and stream live video. In addition, by incorporating an easy-to-understand curriculum, the Video

Production Teacher's Guide, datavideo has made teaching and learning even easier, with recommended lesson plans and step-by-step how-tos backed by professional videographers, show hosts, and producers.

- 2x PTC-150 cameras • RMC-180 PTZ controller • 2x 50 ft SDI cables
- 2x 100 ft Cat6 cables • BB-MMBARR BNC barrel
- HC-800 carry case with foam insert • SE-650 4 input HD switcher
- TLM-102 dual 10 inch LCD monitors • HDR-1 MP4 recorder
- NVS-25 H.264 Encoder • HC-800 carry case with foam insert
- TP-150 teleprompter mount for PTZ cameras
- Video production teaching guide • Activity book

DV-EPB-2050 • Your Price \$11449.00

datavideo®

**Datavideo TVS-2000A 3D Tracking Virtual Studio System with 2 Camera Inputs**

- Worlds first and only 3D Tracking Virtual Studio System using PTZ camera as tracking camera

- Integrated whole 3D tracking virtual studio system into a rack mount/desktop style, RMC-280 control panel included for live virtual show and cameras control

- Supports Tracking Virtual Studio and Trackless Virtual Studio simultaneously
- With 2 channels SDI input, can simulate 4 camera studio operation (Trackless Mode)

- All 4 virtual cameras have real pan, tilt, zoom movements

DV-TVS-2000A • Your Price \$14999.00

NEW!



datavideo®

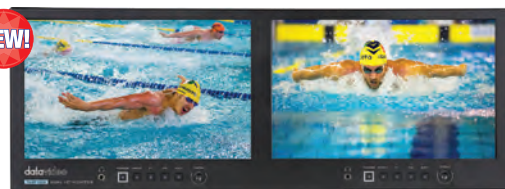
Datavideo TLM-102 Dual 10.1" LCD Monitor with built-in Vectorscope and Waveform

- 1280x800 IPS Panel resolution
- Dual monitor, 4RU rack mount
- Support 3G-SDI video input with loop-through output
- Support HDMI input with loop-through output

- Support column (YRGB peak), time code, waveform, vector scope & audio level meter, peaking, zoom, pix to pix, underscan, check field, etc
- SDI, HDMI cross conversion
- Individual adjustments of Brightness, Contrast, Color Saturation and LED Backlight Level for each monitor

DV-TLM-102 • Your Price \$1199.00

NEW!



datavideo®

Datavideo SE2850-12 12 Input HD Video Switcher with HD-SDI and HDMI Inputs - Outputs include 2 HDMI / 3 HD-SDI

The SE-2850 is a multi-definition switcher designed for productions requiring 12 channels of HD or SD inputs. Being one of Datavideo's most flexible switcher solutions, the SE-2850 is able to accept inputs in varying combinations of HD/SD SDI and HDMI.

- Supports 12 HD or SD Inputs in a variety of configurations:
- HD Mode: (1) 8/12 HD-SDI, (2) 6/9 HD-SDI + 2/3 HDMI
- SD Mode: (1) 8/12 SD-SDI, (2) 6/9 SDI + 2/3 HDMI
- 6 user-defined output options on 4 SDI output channels

DV-SE2850-12 • Your Price \$4999.00



NEW!

datavideo®

Datavideo NVS-200-4SDI Video Streaming Distribution System with TurnKey Solution - 8-Channel

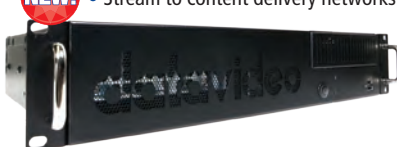
- Media Encoding, Trans-coding, Decoding, Recording and Streaming Platform
- Pull in RTMP, RTSP, HTTP, UDP and TCP; Push out RTMP, UDP unicast and multicast
- Stream directly to devices with our white labelled web player, eg. Datavideo NVD-20/25/30/35

- Stream to content delivery networks like Youtube, Facebook Live and more

- Record streams in DVS-200 for later on-demand playback
- Run a multi-channel on-demand IPTV network

DV-NVS-200-4SDI • Your Price \$4995.00

NEW!



datavideo

HS-1300

6-Channel HD Streaming Studio



***SWITCH, STREAM, RECORD & MONITOR
your next production; all from a portable briefcase***



HS-1300 is an all-in one 6-input, 10-bit, HD switcher loaded with features including

- Record program output directly to an SD card
- Stream with a push of a button
- Complete multi-view with preview/program
- 2-chroma key, 1-luma key for graphic overlay
- Integrated 17" broadcast quality reference monitor

www.datavideo.com

**Clear-Com CC-400-X4
Double-Ear Headset**

The CC-400 double-ear headset features high ambient-noise attenuation headphones and a hyper-cardioid dynamic microphone that provide high quality audio. The headset has a flexible design and soft-ear pads to offer superior comfort. Able to rotate 300 degrees, the microphone boom acts as an On/Off switch for quick microphone muting. Clear-Com's full range of professional headsets are made for users of wired or wireless intercom systems. Our headsets feature durable and comfort wear for prolonged use, noise reduction/cancellation for superior audio intelligibility and/or excellent acoustic isolation.



Clear-Com®

Double Ear with 4-pin Female XLR • **CLCM-CC-400-X4** • **Your Price \$333.00**

Double Ear with 5-pin Male XLR • **CLCM-CC-400-X5** • **Your Price \$373.50**

Single Ear Headset with 4-pin Female XLR • **CLCM-CC-300-X4** • **Your Price \$279.00**

Single Ear Headset with 5-pin Male XLR • **CLCM-CC-300-X5** • **Your Price \$315.00**

Telex Full Cushion Headsets

The HR-1 is a single-sided, medium-weight passive noise reduction headset with dynamic noise-canceling microphones. The headset has a noise reduction rating of 21dB; suitable for use in a moderately noisy environment. The ergonomic moleskin-covered headband design distributes the ear cushion pressure evenly over the entire ear with no pressure points, ensuring hours of comfortable wear. An added advantage of this headset design is that it folds into compact form for ease of transport and storage.

TX-HR1 • Single Sided • **Your Price \$247.00**

TX-HR2 • Dual Sided • **Your Price \$273.00**



TELEX®

Telex Lightweight Headsets

The PH-44 headset is a dual-sided lightweight headset for the ultimate in daylong comfort. It offers a dynamic noise-canceling gooseneck microphone with a semi-rigid, fully adjustable boom for precise positioning.

- Cord Length: 6 ft (1.8288 m) • Impedance: 300
- Microphone Impedance: 200
- Microphone Sensitivity: -65 dBV/Pa
- Microphone Type: Dynamic Noise-Cancelling
- Speaker: Dynamic • Speaker Sens: 109dB SPL/mW

PH-44 • Dual Sided • **Your Price \$199.00**

PH-88 • Single Sided • **Your Price \$192.00**

PH-88R5 • w/5-Pin XLR • **Your Price \$192.00**



TELEX®

Telex PH-1 Single Sided Headset w/4 Pin XLR

The PH-1 is a medium-weight single-sided headset with foam-filled cushions that offer a light feel with moderate isolation from ambient noise. The dynamic noise-canceling mic is easily positioned with a unique ball joint for continuous adjust-ability.

- Mic Sensitivity: -65dBV/Pa @1cm
- Mic Frequency Range: 200Hz - 6kHz
- Mic Impedance: 150ohm
- Speaker Sensitivity: 95dB SPL @1kHz, 1mW
- Speaker Frequency Range: 100Hz - 10kHz
- Speaker Impedance: 300ohm

PH-1 • **Your Price \$214.00**



TELEX®

INTERCOM HEADSETS

**Clear-Com CC-26 Single-Ear
Lightweight Headset**

Clear-Com®

The CC-26 is a single-ear, 300-Ohm ultra-lightweight (1.3 oz) headset with dynamic, noise-cancelling mic element on a flexible boom. Straight 5.5-foot cord (1.67 meter) with 4-pin female XLR connector. CC-26-X5 (5 pin Male XLR connector).

- Single or Double Ear Headset: Single
 - Open or Enclosed Ear Phone: Open
 - Weight: 39g
 - Earpads Foam or Leatherette: Foam
 - Type of Microphone: Dynamic
 - Impedance Mic/Earpiece: 200ohms/200ohms
- CC-26** • Reg. \$205.00 **Your Price \$184.50**


**Clear-Com CC-27 Single Ear
Wraparound Headset 4-Pin XLR**

The CC-27 is a contemporary design, single-ear, wrap around ear worn headset. The dynamic noise cancellation microphone offers excellent frequency response and accurate voice pick-up. This headset offers great comfort during prolonged use. Fitted with a 4 Pin Female XLR connector.

- Weight: 30g
- Earpads Foam or Leatherette: Foam
- Type of Microphone: Dynamic
- Impedance Mic/Earpiece: 200ohms/90ohm

CC-27 • Reg. \$153.00 **Your Price \$137.70**



Clear-Com®

**Pliant SmartBoom PRO
Single Ear Headset**

- Outstanding audio quality with enhanced acoustic isolation
- Sleek, low profile design
- Dynamic, noise-cancelling cardioid microphone
- Flexible, ambidextrous swiveling mic boom
- Flip-up microphone mute function
- Collapsible design for easy storage
- Detachable cable
- Cable terminated with 4-PIN female XLR connector

PLI-PHS-SB100-4F • Reg. \$275.00 **Your Price \$247.50**



**PLIANT
TECHNOLOGIES**

**Eartec UltraLITE 4 Person Intercom System
with 4 Single Headsets**

The Eartec UL4S UltraLITE is a 4-Person Wireless Intercom system for use in mobile video production, field production, live sports, theater sets & sounds stages.

- Links 2, 3 or 4 Users
- Self Contained - No Base Stations or Beltpacks
- Auto-Mute - Mic Boom Swivels 270 Degrees Up for Shutoff
- Field Programmable - Start with just a Pair & Add More Later
- 6-Hour Rechargeable Lithium Batteries Change in Seconds
- Silicone Sealed On/Off & Volume Controls • - Just 4 Oz.



EARTEC®

EAR-UL4S • **Your Price \$635.00**

INTERCOM SYSTEMS



Clear-Com WH301 Two Channel All-in-One Headset

Use with MB300ES Base Station Only

NEW!

The WH301 is a light-weight, single-ear, all-in-one wireless headset that operates in the 2.4GHz frequency range. This headset is used with the MB300ES and EB300 base stations. The WH301 uses the BAT50 Li-Ion Batteries and AC50 Battery Charger.

- Two-channel • 2.4GHz frequency range • 3.5 kHz wide band audio • Up to 15 beltacks and/or all-in-one headsets on a single system • Up to 12 hours of battery life • Antenna: Internal, horizontal/vertical diversity

CLCM-CZ-WH301 • Reg. \$700.00 Your Price \$630.00

Clear-Com CZ11467 MB300ES Intercom System Base Station with 115-230 VAC Power

- Triple diversity design: transmits the audio signal twice, at different times and frequencies, and selects the strongest signal from two different antennas for uninterrupted communication.
- Flexible power options : enable the MB300 Base Station to operate on 100-240 VAC, 12-14 VDC, 1.5V "AA" batteries or an optional rechargeable BAT850 battery.
- Simple system expansion: with a standard data cable enables connection of multiple MB300 Base Stations to accommodate expanding production crew requirements.



NEW!



CLCM-CZ11467 • Reg. \$3160.00 Your Price \$2844.00



Clear-Com RS-701 Single-Channel Standard Beltack

- The RS-701 is a single channel beltack, equipped with an XLR-3 line connector that serves the needs of all users, be it first timers or experienced professionals.
- It combines high headroom with low-noise audio to deliver the exclusive, crystal-clear "Clear-Com Sound" that is familiar to users around the world.

- Swappable microphone options and built-in limiters in the headsets support a pristine sound. The beltack's wide dynamic range and audio contouring enable intelligible voice communication for every audio level, from a whisper to a shout.

CLCM-RS-701 • Reg. \$325.00 Your Price \$292.50

Clear-Com FreeSpeak II 1.9GHz Digital Wireless Belt Pack

- Up to five communication routes per beltack, each with a 5 or 10 character label
- Four programmable pushbuttons, two rotary encoders and a reply button
- Menu driven display, which can be partially or completely restricted
- Secure system - beltacks are registered to a particular base station or Matrix



BEST seller



- Internal antenna - no antenna breakage or damage
- Long battery usage - typically 18 hours of continuous talk time
- Two battery options - rechargeable Li-Ion cells or disposable Alkaline AA Batteries
- Drop-in charging port with built-in USB battery and beltack charging capability
- Strong metallic beltclip and shoulder strap points

CLCM-FSIBP19X4U • Reg. \$1765.00 Your Price \$1588.50

**NEW FROM
NAB 2018**

markertek®

JK Audio Outerloop 3.5 Universal Intercom Beltack for 5 Pin or 4 Pin XLR Headsets

Outerloop 3.5 includes a cable that plugs into the 3.5 mm TRRS headset/earbud jack of your mobile device, providing two-way communications. Separate Send and Receive level controls, a push-on, push-off Talk button, as well as a recessed sidetone level control let you adapt to any situation whether you are around the corner or around the world.

JK Audio

NEW!



- HD Voice Compatible (7 kHz Wide-Band Speech)
- Connects to Phones and Notebooks with 4-conductor 3.5mm Headset Interface
- 4-pin and 5-pin Male or Female Headset Jacks
- Send and Receive Volume Controls
- Push-On, Push-Off Talk Button
- Recessed Sidetone Level control
- Made in America

JK-OUTERLOOP-35F • Female Version • Reg. \$355.00 Your Price \$337.25

JK-OUTERLOOP-35M • Male Version • Reg. \$355.00 Your Price \$337.25

Sonifex 20 Button Advanced Talkback Intercom

- 20 illuminated key-cap Talk buttons plus Listen & Page buttons
- Phone button for remote dialing and control of an external telephone hybrid
- Page button and Group Talk facilities
- Callback button with callback source display
- Three user definable buttons
- Speaker & microphone mute buttons
- Mic & headset inputs, headphone & speaker outputs
- Front panel volume control which operates on speaker/ headphone outputs and incoming source levels
- +48V phantom power for the mic inputs
- Ethernet webserver and front panel control & configuration
- Front panel display providing source & destination information



NEW!

SONIFEX

SON-AVN-TB20AD • Desktop Version • Your Price \$3238.00

SON-AVN-TB20AR • Rackmount Version • Your Price \$3432.00



NEW!

RTS BP6000 2-Channel Universal Beltack 4-pin Male XLR Headset

- The BP-6000-A4M is a portable user station compatible with Audiocom and Clear-Com party line systems.
- The BP-6000 is a 2-channel beltack equipped with a mode-sensing system configuration, meaning the beltack determines what type of system it is installed into and configures itself according to the system.
- The BP-6000 has a 4-pin male XLR connector with auto-sensing headset inputs.
- Dynamic and electret headset microphones are supported. The loop and line connection both use 6-pin.

RTS-BP6000-A4M • Your Price \$436.00

RTS 8-Channel IFB Panel with Volume Controls

The IFB-828 interfaces up to eight RTS IFB-325 or 4030 IFB beltacks to any RTS Digital Matrix Intercom system, and it provides power to the beltacks. The IFB-828 may also be used as a simple program interface to feed two separate program sources to each of eight or 4030 beltacks.



NEW!

RTS-IFB-828 • Your Price \$1795.00

RTS

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

**Listen LKS-1 ListenTALK 4-Person
Assistive Listening & Intercom System**
LISTEN
TECHNOLOGIES

An ideal starter system for incorporating two-way communications, the LKS-1 ListenTALK System from Listen Technologies comes with everything you need. Each system includes four ListenTALK Transceivers (with Leader Clips), one Headset-2, and one 4-Port USB Charger, all designed to enable convenient communication between one leader and up to three additional team members at a time. The LKS-1 is expandable to meet the growing needs of your venue, and more transceivers can be added at any time.

LSTN-LKS-1 • Reg. \$1447.00 Your Price \$1302.30
**Listen LKS-2 ListenTALK 8-Person
Assistive Listening & Intercom System**
LISTEN
TECHNOLOGIES

The LKS-2 ListenTalk System is a perfect solution for organizations that require a higher-capacity two-way communications solution right out of the package. Complete with one Headset-2, eight ListenTalk Transceivers (with Leader Clips), and a convenient docking station case (LA-481), the LKS-2 comes with everything needed to power two-way communications between one leader and up to seven additional team members. The LKS-2 is also expandable to meet the growing needs of your organization, business, or venue, and additional transceivers can be added at any time.

LSTN-LKS-2 • Reg. \$3330.00 Your Price \$2997.00
**Listen LKS-3 ListenTALK Collabor-8 System 8-Person
Assistive Listening & Intercom System with 8 Headsets**

Perfect for setups where multiple team leaders or representatives have to be in communication with the entire team, the LKS-3 Listen Talk System includes all the equipment needed to meet those needs immediately. The LKS-3 includes eight ListenTALK transceivers (with Leader Clips), eight Headset-2s, and one LA-481 Docking Station Case for convenient storage and transportation of all components. Meet the needs of your larger team or prepare for growing needs with the complete and expandable ListenTALK System 3.

LSTN-LKS-3 • Reg. \$4023.00 Your Price \$3620.70
ListenTALK 16 Space Docking Station & Secure Carry Case

- Specifically designed for ListenTALK units •
- Charges, stores, programs, and transports up to 16 transceivers •
- Secure charging slots ensure a direct connection

LSTN-LA-481 • Reg. \$599.00 Your Price \$539.10
ListenTALK 16 Space Docking Station

- Each charging slot securely locks and holds units for a reliable connection each time •
- Easily mounted in a variety of ways depending on your installation and needs

LSTN-LA-480 • Reg. \$399.00 Your Price \$359.10

INTERCOM SYSTEMS

**Listen LK-1 ListenTALK Assistive
Listening & Intercom Transceiver**
LISTEN
TECHNOLOGIES

- Fast and simple two-way communication
- Push-to-talk functionality
- Exclusive encryption technology for added security
- Compatible with standard earbuds and Listen Technologies headsets
- Long-lasting lithium ion rechargeable batteries
- Optional Alkaline Battery Compartment

LSTN-LK-1 • Reg. \$329.00 • Your Price \$296.10

Listen LR-400-072 Portable Display RF Receiver (72 MHz)

LISTEN
TECHNOLOGIES

- Superior audio quality - 80 dB (70 dB with 863 MHz) signal-to-noise ratio (SNR), setting the industry's sound quality standard.
- 57 channels (33 channels with 150 MHz and 17 channels with 863 MHz).
- 100 % Digital - Listen receivers are digitally-tuned so the transmission won't drift.
- Limited Lifetime Warranty with hassle-free support.
- Look & Listen LCD shows channel, battery status, and signal strength.

LR-400-072 • Your Price \$170.10
Listen LT-800-072-01 Stationary RF Transmitter (72 MHz)

- Superior audio quality - 80 dB signal-to-noise ratio (SNR)
- Limited Lifetime Warranty
- 57 channels
- Use up to six (6) simultaneously on 72 MHz
- Look & Listen LCD shows channel, channel lock, and programming information
- Balanced/Unbalanced Inputs - you can interface with any audio source on the market


LISTEN
TECHNOLOGIES

LSTN-800-072-01 • Your Price \$649.00
Listen ListenTALK Headset 2 (Over Head with Boom Mic)

- Polar Pattern: Unidirectional - Noise Canceling
- Impedance: 1.5 kOhms typical
- Sensitivity: -40 dBV/Pa @ 1 kHz
- Bandwidth: 200 Hz - 6.8 kHz
- Bias: 1.5 - 3 VDC
- Headphone Impedance: 140 Ohms
- Headphone Bandwidth: 200 Hz - 6.8 kHz

LSTN-LA-452 • Your Price \$99.00
LISTEN
TECHNOLOGIES

Listen ListenTALK Headset 4 (Over Ears Dual with Boom Mic)

- Polar Pattern: Unidirectional - Noise Canceling
- Impedance: 1.2 kOhms typical
- Sensitivity: -45 dBV/Pa @ 1 kHz
- Bandwidth: 120 Hz - 6 kHz
- Bias: 3 - 5 VDC
- Headphone Impedance: 250 Ohms
- Headphone Bandwidth: 80 Hz - 15 kHz
- Headphone Acoustic Noise Reduction: 14 dB typical

LSTN-LA-454 • Your Price \$159.00
LISTEN
TECHNOLOGIES


DSan PRO-2000KIT Limitimer Professional Staging Kit

Includes Speaker Timer / Audience Signal Light / Large Carry Case

- Easy-to-use: Set Total Time. Set Sum-Up Time. Start.
- Digital clock displays Time Remaining; Green-Yellow-Red lights cue phase: Talk, Sum-Up, Stop.
- Pre-set up to 4 timing programs.
- Run a session timer in background to other programs.
- Select from 3-different beep sounds.
- Connect two or more timers to a single signal light for multi-point start/stop control.



DSA-PRO-2000KIT • Your Price \$1894.00

DSA-PRO2000BTKIT • Wireless Version • Your Price \$2254.00

DSan PerfectCue System Wireless Cue Light Cue Prompter with Case

- Activate / isolate multiple cue lights on a single line.
- Match cue light and actuator communications on 16 selectable channels.
- Connect hand-held actuator for hard-wire backup.
- Connect multiple cue lights via Cat 5 or XLR cable. Only one unit requires power.
- Remotely control presentation software via programmable keyboard commands delivered through two USB ports. Maintain mouse functionality



DSA-PCUE • Your Price \$895.00

DSan PC-MICRO Ultra Compact Cue Light with 2-Button Wireless Actuator (2-Commands)



- The DSAN PC-Micro is a compact, remote, programmable computer controller.
- The PC-Micro has two on-board USB drivers to sync two computer presentations.
- The cue light responds reliably over distances of 250+ feet to the included transmitter and includes handy canvas pouch for storing and 2 USB mini cables.

DSAN PerfectCue Micro is a light signaling system.

- It enables a presenter to send cues to a projectionist using a wireless hand-held transmitter.

DSA-PC-MICRO • Your Price \$359.00

Interspace Industries MICROCUE2-L (3B) Pro Dual USB Cueing System - Green Laser Pointer

A new style enclosure which is narrow and longer to fit in the hand better.

A finger notch on the rear holds the handset in position whether you are left or right handed.

The same tactile buttons with the addition of a 4th tear drop shaped button to activate the Green Laser.

MicroCue2 utilizes the renowned Interspace Industries wireless remote cueing system which allows for full presenter mobility on stage.

INTI-MICROCUE2-L • Your Price \$519.49



ESE ES-161UEP Time Code Remote Display with 19" Front Mount Rack Panel

- Reads SMPTE/EBU, ASCII & ESE Time Code™
- Automatic Code Detection
- Six .56" Yellow LED Displays
- Viewing Distance 20' • Switchable Between 12 & 24 Hour Format Display
- Switchable to Date Display • Optional Time Zone Offset
- Optional RS-232 ASCII Output • NPR Code Input / ESE TC90™ Output Option Available • NTP Option Available • UL & 220-240 VAC options available

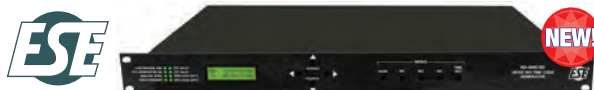
ESE-ES-161UEP • Your Price \$270.95



ESE HD-488E HD SDI Time Code Generator/Reader/Insertor with IRIG-A/B/G Input plus IRIG-B Analog & TTL Outputs

- Accepts Multiple HD Formats • Generates/Reads/Inserts LTC/EP188 Time Code
- Dual LTC Output • USB Setup Interface • User Friendly Control
- Time Zone Offset • Compatible with ES-466E (Up/Down Presettable Timer)
- LCD Setup/Status Display • Seven Selectable Font Colors
- Selectable Onscreen Date Formats (YMD, DMY, MDY)
- Front Panel User Text Entry • Universal Power Supply (90-264 VAC)

ESE-HD-488E-IRIG • Your Price \$4500.00



ESE ES-520UEP 60 Minute Up Timer with 19" Front Panel Rack Mount Option

- .56" Yellow LED Display
- 60 Minute Up count range
- Start, Stop, Reset functions

- Remote control input • 4 Isolated Trigger Reset inputs
- Optional Tenths of Seconds display • ESE Timer Code™ output
- Optional 1.75" Rackmount enclosure (option "P")
- 220-240 VAC (110-120 VAC is standard) & UL options available

ESE-ES-520UEP • Your Price \$240.00



Titus HPL ON AIR Hanging Plexiglas Light Fixture - 12 VDC Red LED

- The HPL "ON AIR" hanging Plexiglas light fixture measures 12 in. x 8 1/2 in. and is edge lit with standard red LEDs.
- Conveniently mounts to your wall using a steel plate (supplied) and a magnet on the back of the aluminum top frame.
- Power required: 12VDC - 250mA (Red LEDs)

HPL • Your Price \$174.00



Interspace Industries MC6 MasterCue V6 Professional Cueing System - 3 USB Ports

- Our Flagship product, MasterCue V6, now has 3 USB ports for multiple computers. such as Main, Back up and Next configurations.
- The 4 pin and 5 pin loop now on the front of the unit allows for easy access to the intercom belt-pack.
- The V6 displays cues visually as well as producing audible cue sounds via the in-built speaker or headphone output.

INTI-MCV6 • Your Price \$1519.90



ARRI

ARRI SkyPanel Light Panel Series with Edison powerCON



The ARRI SkyPanel is one of the most versatile and brightest soft lights on the market! Available in fully color tuneable and remote phosphor versions. Unlike other tuneable fixtures, SkyPanel makes no sacrifice when it comes to light output. SkyPanel puts out a tremendous amount of light, in a soft and uniform beam field. Brighter than a 2 kW tungsten soft light or a 6 kW tungsten space light, the SkyPanel has more than enough light for most applications. In some cases the fixture can even compete with natural sunlight; at the same time, it is able to perform beautifully at lower light levels.

SkyPanel is available in three sizes: the S120, S60 and S30. The S60 is a mid-range model, featuring a light aperture of 645 x 300 mm and accommodating the vast majority of applications. The S30 is a smaller, more portable version; half the length of the S60, it is perfect for on-the-go mobile applications. The S120 is twice as long as the S60, but weighs nearly the same.

- Fully Tuneable - between 2,800 K and 10,000 K - Get the color you want in seconds.
- Tremendous Output. One of the brightest soft lights on the market.
- True Soft Light Beam Quality. Soft and uniform is the name of the game.
- Outstanding Color Rendition.
- LED white light without sacrifices.
- A Single Soft, Clean Shadow. The proof is in the shadows.
- Interchangeable Front Diffuser Panels
- Operate on Location with On-Board Battery Input
- Largest Light Aperture in its Power Class
- Thin 5.1" Profile fits into Tight Locations

ARR-L00007711 • S30-C Color Standard Diffusion Light Panel
Reg. \$4570.00 **Your Price \$4113.00**

ARR-L00007714 • S30-C Pole Op Color Standard Diffusion Light Panel
Reg. \$4570.00 **Your Price \$4113.00**

ARR-L00007717 • S30-RP 3200K Remote Phosphor Light Panel
Reg. \$3170.00 **Your Price \$2853.00**

ARR-L00007723 • S30-RP 5600K Remote Phosphor Light Panel
Reg. \$3170.00 **Your Price \$2853.00**

ARR-L00012956 • S120-C Color Standard Diffusion Light Panel
Reg. \$7600.00 **Your Price \$6840.00**

ARRI SkyLink Receiver and Base Station for L-Series and Skypanels

ARRI and Innovative Dimmers have teamed up to create SkyLink: a two-part system that allows for wireless DMX and RDM communication to SkyPanels. The SkyLink Receiver and the SkyLink Base Station use LumenRadio for DMX/RDM communication and a WiFi chip in the Base Station allows for direct control from a DMX control application on a tablet or computer. Setting up a control network has never been easier.

- Two part system: SkyLink Receiver & SkyLink Base Station
- Wireless for all SkyPanels
- WiFi to Wireless DMX
- Fully RDM capable
- Compact and rugged design
- Power via USB port
- Outstanding range
- LumenRadio wireless technology


ARRI

ARR-L2-0016357 SkyLink Receiver **Your Price \$495.00**

ARR-L2-0016359 SkyLink Base Station **Your Price \$1790.00**

ARR-L2-0016361 3 Receiver Kit and Base **Your Price \$3800.00**

ARR-L2-0016363 10 Receiver Kit and Base **Your Price \$7850.00**

ARR-L00007063 • S60-C Color Standard Diffusion Light Panel
Reg. \$6340.00 **Your Price \$5706.00**

ARR-L00007068 • S60-RP 3200K Remote Phosphor Light Panel
Reg. \$4570.00 **Your Price \$4113.00**

ARR-L00007066 • S60-C Pole Op Color Standard Diffusion Light Panel
Reg. \$6340.00 **Your Price \$5706.00**

ARR-L00007073 • S60-RP 5600K Remote Phosphor Light Panel
Reg. \$4570.00 **Your Price \$4113.00**

ARRI L2.0008196 Chimera Lightbank with Frame S30


ARRI

The ARRI L2.0008196 is a Chimera Lightbank with Frame for the SkyPanel S30. This is a professional grade soft box that increases the light aperture of the SkyPanel by roughly 100%. The lightbank comes with several diffusions and folds away for storage. The frame slides directly into the SkyPanel accessory slot.

- Specially made for SkyPanel S60
- Professional Grade Construction
- Medium Video Pro front
- Includes Lightbank, frame, and three diffusions

ARR-L20008196 • **Your Price \$666.00**

ARRI 4-Leaf Barndoors for SkyPanel



Barndoor for SkyPanel Light allows for control of light spill and narrowing of the beam angle. Additional small flaps protect against light leak between the lamphead and the barndoors.

ARR-L20008187 • Barndoor for S30
Your Price \$220.50

ARR-L20010114 • Barndoor for S120
Your Price \$648.00

ARRI



FW
4

SkyPanel: At your command.

Advanced Control. Simple Design.

SkyPanel Firmware updates are all about adding versatility and control - harnessing the awesome power of the SkyPanel and putting that potential into the hands of the gaffer, lighting designer, or programmer. SkyPanel Firmware 4 takes this ability to new heights with features such as Extended Color Control, light engine DMX control, additional lighting effects, Stage Mode, SkyPanel Web Portal, and much more.



SKYPANEL 
SOFT LIGHTING | REDEFINED

Litepanels Astra Family LED Panels



The ASTRA Panels are designed with upgraded technology, featuring select premium quality, high CRI surface mount LEDs, paired with

custom designed optics. These tightly binned LEDs provide the ASTRA with superior color reproduction and a light output that is brighter than the original 1x1 panel and the first generation of ASTRA, providing greater flexibility than ever before.

Astra 6X

- 6X brighter than the original 1x1 50% brighter than the previous Astra
- Offers up to 614 Footcandles at 5 feet/1.5m
- Intelligent thermal management system passive or active cooling
- Max power draw 105W
- CRI/TLCI: Daylight 95 / Tungsten 98

LPAN-935-1023 • Bi-Color • Your Price \$1425.00

LPAN-935-1021 • Daylight • Your Price \$1235.00



Astra 3X

- 3X brighter than the original 1x1 50% brighter than the Astra EP series
- Offers up to 364 Footcandles at 5 feet/1.5m
- Passive cooling
- Max power draw 55W
- CRI/TLCI: Daylight 95 / Tungsten 98

LPAN-935-2023 • Bi-Color • Your Price \$1045.00

LPAN-935-2021 • Daylight • Your Price \$855.00



Astra 1x1

- Output is up to 4X brighter than traditional LED panels: High performance LEDs with custom paired optics
- Offers up to 364 Footcandles at 5 feet/1.5m
- Passive cooling
- Max power draw 55W
- CRI/TLCI: Daylight 95 / Tungsten 98

LPAN-935-1003 • Bi-Color • Your Price \$1425.00

LPAN-935-1001 • Daylight • Your Price \$1235.00



Litepanels Brick Bi-Color On-Camera LED 1 Light Kit

The Litepanels Brick builds on the legacy of the original MiniPlus which revolutionized the lighting industry. Now more robust, Bi-Color and IP-65 rated, the Brick is a perfect on-camera solution for ENG camera operators on the go or who need full spectrum lighting during wet conditions.

- Output is up to 4X brighter than the original MiniPlus
- High performance LEDs with custom paired optics
- Higher intensity = Longer throw = Wider effective beam spread
- Adjustable (daylight to tungsten), accurate color temperatures

- Superior color reproduction
- High color rendition (CRI)
- Efficient thermal management
- Completely silent passive cooling
- Ultra-smooth dimming from 100% to 0

LPAN-910-0001 • Reg. 699.00 Your Price \$664.05



Litepanels Sola 9 LED 9 Inch Fresnel Light

- Custom 9" Fresnel lens produces full spectrum, directional illumination.
- Proprietary DMX module allows for both remote dimming and remote focusing.
- Ultra-smooth dimming from 100% to 0, with no noticeable color shift throughout the entire range.
- Flicker-free at any frame rate or shutter angle.
- Robust, lightweight composite housing and Standard Yoke with Junior Pin enable easy mounting and positioning
- Incredibly energy efficient, these fixtures draw only 190W but are brighter and stronger than a 1K tungsten Fresnel.
- Low power consumption, reduced HVAC requirements, and no associated bulb replacement costs contribute to a return on your investment (ROI) in less than three years for typical studio applications.

LPAN-SOLA9 • Reg. 3150.00 Your Price \$2992.50



CAMERA SUPPORT

**NEW FROM
NAB 2018**

markertek®

Sachtler 5590 Speed-Lock CF HD Carbon Fiber 2-Stage Heavy-Duty Tripod Legs - Supports 209 lbs

- The 5590 heavy duty version of the popular tripod Speed Lock CF is extremely stable and has a maximum load of 95 kg.
- As the fastest Sachtler tripod, it is the perfect solution for the EB/EF/FP/film area.
- The dual extractable tripod is locked with just three simple steps thanks to the patented quick clamping system.
- Weight: 9.9 lbs • Payload: 0-209 lbs
- Material: Carbon Fibre • Height range: 21.7 - 63.4 in
- Head fitting: 100 mm • Transport length: 29.5 in



SACH-5590 • Reg. \$2600.00 Your Price \$2470.00

Miller 1096 CX10 Fluid Tripod Head

- Affordable, Stable, Robust
- Perfect for payloads to 0-12kg (26.4lbs)
- 15+0 CB Plus selectable counterbalance positions
- Ergonomically located CB Plus switch
- 5+0 selectable positions of fluid pan and tilt drag
- Positive selection radial ring controls
- Illuminated bubble level
- Precise floating pan-tilt calliper locks ensure bounce free on-off performance
- Side loading, 60mm balance travel camera plate with 1/4 inch and 3/8 inch screws



MIL-1096 • Reg. \$2144.00 Your Price \$1736.64

Miller 2110G HD Mitchell Base Single Stage Tripod

- The Heavy Duty ENG/FP Tripod Series from Miller offer a die-cast alloy, reinforced 100/150mm bowl design for industry-standard compatibility.
- Mid-Level Spreader for infinite footprint adjustment, *Split Carry Handle for balance, Adjustable Flip Locks for quick set-up and easy maintenance
- Forever-Flat Detachable Rubber Foot Design

MIL-2110G • Reg. \$2470.00 Your Price \$2000.70



Libec ALX KIT - ALX H Head / ALX T Tripod with Mid-level spreader / RC-20 Case

- The Libec ALX KIT with Head and Tripod consists of the ALX H Head and ALX T Tripod, and allows you to pan and tilt your camera elevated on a tripod.
- A padded carrying case with shoulder strap is included.
- All components are modular allowing users to have multi style configurations for any shooting environment.

LIB-ALXKIT • Reg. \$450.00 Your Price \$349.00



Sachtler 1019C Ace XL Carbon Fiber Tripod System with Ground Spreader

Introducing the new Sachtler Ace XL premium tripod system. Ideally suited for digital cine style cameras like Blackmagic Ursa Mini Pro, Canon C200 and C300 Mark 2, Panasonic GH5 and Sony FS7. Providing you all the strength that made Sachtler the industry standard for professional lightweight camera supports: completely jerk free camera movements, extremely lightweight, maximum stability.

**SACH-1019C • Reg. \$1150.00
Your Price \$1092.50**

Benro A573TBS7- S7 Tandem Video Tripod Kit

- Maximum Load: 15.4 lb (7 kg)
- Minimum Height: 29.5 in (74.9 cm)
- Maximum Height: 62.2 in (163 cm)
- Folded Length: 33.1 in (84.1 cm)
- Number of Leg Sections: Dual Stage
- Leg Lock Type: Twist Lever Lock
- Drag Control: Continuous
- Head Mount Thread Size: 75mm Bowl
- Weight: 9.9 lb (4.5 kg)

**BNRO-A573TBS7 • Reg. \$666.00
Your Price \$449.00**



Varizoom VZ-TK75A Aluminum Video Tripod w/75mm Fluid Head & Carry Case

- 75mm mounting bowl
- Head has a quick-release plate
- Fluid Head with pan and tilt capabilities
- 2-Stage height adjustment with locking rubber buckle
- Mid level spreader
- Built in bubble for leveling
- Switchable Rubber/Spiked feet
- Dual handle capability

VZ-TK75A • Reg. \$199.00 Your Price \$143.00



**Varizoom
Lens Controls™**

Libec TH-X Tripod & Fluid Head with Mid-Level Brace & Case

- Supports up to 9lbs (4.0 kg) • All-in-one tripod system for today's 4K UHD/HD/DV camcorders and DSLR cameras
- Dual head Design (65mm ball/ flat base) for 65mm bowl tripods/flat base equipment with 3/8" screws
- Built-in counterbalance for precise camera balance and tilt movements • One-touch quick release sliding plate for easy camera balance adjustments
- Sliding camera plate compatible with Sachtler and Manfrotto heads

LIB-TH-X • Reg. \$310.00 Your Price \$239.00



WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

SESCOM®

Sescom IL-19 Inline Pro Audio Hum Eliminator The Industry Standard

The Sescom IL-19® is the only product that removes All Types of Hum in Live Sound & Pro-Audio Gear! Designed as 3 products in-one, the Sescom® IL-19® is the industry standard for instantly troubleshooting audio hum and noise problems in live sound & broadcast applications providing quick fix line isolation to stop noise at the source. Removes ground loop hum, mode noise & differentially induced hum without the need for multiple transformers, ground lifters or phase inverters.

Instant Relief For:

- Live Sound Equipment
- Radio & Broadcast Audio
- Line Level Equipment Interface
- Decoupling Lines to Reduce Hum
- Isolating Drive Lines to On-Stage Power Amps
- Long Line Cable Runs
- Bidirectional - Inputs or Outputs

IL-19 • Reg. \$50.95 **Your Price \$46.95**

MTK-IL-19-4PK • 4 Pack Special! • Reg. \$199.95 **Your Price \$144.00**

Sescom SES-IPOD-AB iPod Stereo Audio MP3 FLAC WMA Player A/B Switch 3.5mm (1/8)

The Sescom iPod A/B switch solves the common issue of two source selection of 3.5mm stereo sources such as iPods, MP3 players, PC Sound Card outputs and more! Requires no power and can be used bidirectionally. Saves wear and tear on constant equipment connects and disconnects.

- Connecting Dual iPods or MP3 Players to Your House System
- Switch Line Level Inputs to Amplifiers, Mixers or PCs
- Switch Line Level Outputs Between Amps, Mixers or PCs

SESCOM®

- Switch Your Sound Card Output Between Headphones for Private Listening and Multimedia Speakers for General Listening
- Switch Your Computer Output Between Two Sets of Reference Monitors
- Bring Rear Mounted Computer Mini Jacks to Front of Desktop Machine
- Great for Recording Multiple Sources with Audacity or Similar Software

SES-IPOD-AB • Reg. \$35.95 **Your Price \$35.95**

Sescom Single Channel XLR Audio Isolation Transformer

- The Sescom SES-XLR-ISO-01 is a balanced XLR audio hum eliminator/isolation transformer unit designed to remove hum and buzz created by ground loops
- Sescom's coupling transformer breaks the inter-equipment ground path rejecting noise in the input circuits while delivering pristine audio signals
- The ground pin of the XLR INPUT can be "lifted" out of the signal path via a front panel switch to isolate the ground path on the XLR OUTPUT
- This can help eliminate ground loops when mounted to equipment with a different ground reference



SESCOM®

SES-XLR-ISO-01 • Reg. \$100.00 **Your Price \$95.95**

Sescom SES-XLR-AB Balanced Audio Pro Grade XLR A/B Passive Switch

SESCOM®

This is Sescom's basic XLR AB switch. This helpful AB switch can also function as input and output expansions for any of your equipment. Designed to save you time and protect your expensive equipment from the wear and tear of plugging and unplugging connectors. Perfect for your home theater, studio or anywhere you would normally have to plug and unplug devices.

- Designed to switch between two inputs to one common output with high quality locking XLR connectors.
- Switch requires no power and is full duplex / bidirectional.
- Enclosure is 2.5" X 4.625" X 1.625"
- Overall - 3" X 5.25" X 2.5"

SES-XLR-AB • **Your Price \$48.95**

Sescom SES-A-V-SYNC A/V Lip-Sync Corrector

The SES-A-V-SYNC is a L/R In-Out audio-video synchronization corrector. Another way to describe it is it is a compact device that corrects audio delays between audio and video. When distributing video over long distances through multiple devices like distribution amplifiers and set top boxes there can sometimes be a noticeable video processing delay which results in audio being played before the video. This also happens when the audio from sources is sent to audio amplifiers over analog lines while the video is sent to the display over HDMI or digital lines. The SES-A-V-SYNC can be manually adjusted so the audio delay can be set from 0~300ms in set increments so you can perfectly synchronize your audio and video. The SES-A-V-SYNC is also sometimes referred to as a "Lip-Sync-Corrector"



SESCOM®

- High Resolution Audio Sample Rate Of 48 kHz
- Powered via included external universal AC/DC adapter (input: 100V~240V AC, 50~60Hz)
- Zero Delay signal bypass Option
- Low power consumption
- Up to 24-bit resolution
- Dimensions excluding connectors (L X W X D): 1.75" X 1.75" X 1"

SES-A-V-SYNC • Reg. 90.00
Your Price \$83.95

Sescom 2 Channel XLR Audio Isolation Transformer

- The Sescom SES-XLR-ISO-02 is a balanced XLR audio hum eliminator/isolation transformer unit designed to remove hum and buzz created by these ground loops.
- Sescom's coupling transformer breaks the inter-equipment ground path rejecting noise in the input circuits while delivering pristine audio signals
- The ground pin of the XLR INPUTS can be "lifted" out of the signal path via a front panel switch to isolate the ground path on the XLR OUTPUTS
- This can help eliminate ground loops when mounted to equipment with a different ground reference



SESCOM®

SES-XLR-ISO-02 • Reg. \$170.00 **Your Price \$159.00**



SESCOM®

Sescom SpeakON Parallel Splitter Audio Box NL4 to Two NL4 Chassis Connectors

This passive, rugged box features Neutrik SpeakON NL4 connectors and acts as a parallel y-splitter taking a single NL4MP input to two NL4MP outputs.

- Heavy Duty Powder-Coated Aluminum Housing
- Neutrik SpeakON Locking Connector System
- Airtight Design Optimized for Speaker Applications

SES-NLPB-1 • Reg. 151.95 Your Price \$135.49



SESCOM®

Sescom SpeakON Breakout Audio Box NL4 to Two NL4 Chassis Connectors



This passive, rugged box features Neutrik SpeakON NL4 connectors used to breakout two channels from an audio power amplifier to individual channel 1 and channel 2 outputs connectors for an extremely reliable locking interface.

- Heavy Duty Powder-Coated Aluminum Housing
- Neutrik SpeakON Locking Connector System
- Airtight Design Optimized for Speaker Applications

SES-NLPB-3 • Reg. 144.49 Your Price \$128.49

SESCOM®

Sescom SpeakON Parallel Splitter Audio Box NL8 to Four NL4 Chassis Connectors

This passive, rugged box features Neutrik SpeakON NL8 and NL4 connectors used to split four channels from an audio power amplifier to 2 audio channel pairs.

- Heavy Duty Powder-Coated Aluminum Housing
- Neutrik SpeakON Locking Connector System
- Airtight Design Optimized for Speaker Applications
- Threaded Rig Mounting

SES-NLPB-5 • Reg. 309.49 Your Price \$275.49



SESCOM®

Sescom SpeakON Parallel Splitter Audio Box NL4 to Two NL4 with 1 Foot Tail & Female 4-Pole Cable Connector

This passive, rugged box features Neutrik SpeakON NL4 connectors and acts as a parallel y-splitter taking a single NL4 input to two NL4MP outputs. It has a 1 foot pigtail for simplified patching.



- Heavy Duty Powder-Coated Aluminum Housing
- Neutrik SpeakON Locking Connector System
- Airtight Design Optimized for Speaker Applications
- Chuck Type Cable Strain Relief

SES-NLPB-2 • Reg. 170.49 Your Price \$151.49

SESCOM®

Sescom SpeakON Breakout Audio Box NL4 to Two NL4 1 Foot Tail & Female 4 Pole Cable Connector

This passive, rugged box features Neutrik SpeakON NL4 connectors for an extremely reliable locking interface. The input side of the box has a convenient 1 foot pigtail for easy amplifier patching.

- Heavy Duty Powder-Coated Aluminum Housing
- Neutrik SpeakON Locking Connector System
- Airtight Design Optimized for Speaker Applications
- Chuck Type Cable Strain Relief

SES-NLPB-4 • Reg. 167.95 Your Price \$148.95



SESCOM®

Sescom SpeakON Breakout Audio Box NL8 to Four NL4 Chassis Connectors



This passive, rugged box features Neutrik SpeakON NL8 and NL4 connectors used to breakout four channels from an audio power amplifier to 2 audio channel pairs..

- Heavy Duty Powder-Coated Aluminum Housing
- Neutrik SpeakON Locking Connector System
- Airtight Design Optimized for Speaker Applications
- Threaded Rig Mounting

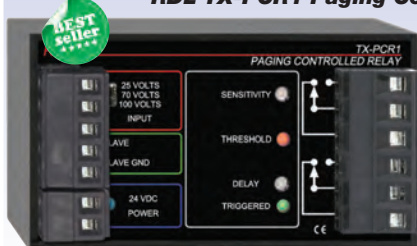
SES-NLPB-6 • Reg. 298.49 Your Price \$265.49

SESCOM®

NCEO NATIONAL CENTER FOR
EMPLOYEE OWNERSHIP



Meet Rosalyn!
Markertek Sales Engineer
since 2017

RDL TX-PCR1 Paging Controlled Relay

- Switching Functions Controlled by Speaker-Level Source
- Input Accepts Amplified Constant Voltage Signals
- Switch-Selectable Input: 25 V, 70 V, 100 V
- 25 Volt Input Also Accepts 8 Ohm Inputs up to 75 Watts
- Transformer-Isolated Input



- Front-Panel Trimmer Provides Sensitivity Adjustment
- Signal Threshold LED Facilitates Sensitivity Adjustment
- Front-Panel Trimmer Provides Release Delay Adjustment
- LED Indicates when Module is Triggered

RDL-TXPCR1 • Reg. \$190.41 Your Price \$130.95

RDL FP-UBC6 Unbalanced to Balanced Converter - 6 Channel

- Unbalanced to Balanced Audio Conversion
- 6 Channel Conversion with Gain Trim
- Connectorized Audio Converter
- Low-Noise and Low-Distortion Conversion
- Cabinet, Shelf or Rack Mounting
- Convenience of RDL FLAT-PAKS



FP-UBC6 • Reg. \$537.91 Your Price \$370.49

RDL SF-NP40D Network To 40W Stereo Power Amplifier

- Converts Two Dante Network Audio Signals to two 20 W Outputs into 8 Ohms
- Selectable Dante Sample Rates: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz
- 0 dBFS Input for 20 W per channel into 8 Ohms or 15 W per channel into 4 Ohms
- Special Software Not Required for Module Setup
- LED Indicator for Network Sync
- High-Efficiency Class D Operation
- Thermal and Short-Circuit Protection



- Included Power Supply 100 to 240 VAC, 50/60 Hz, 1.5A Input; 24 Vdc Output

RDL-SF-NP40D • Reg. \$554.03 Your Price \$498.63

RDL SF-ND2 Two Dante Network Audio Channels to Stereo Digital Audio Output Interface

- Converts Two Dante Network Audio Signals to Left/Right Digital Audio
- AES/EBU or S/PDIF Coaxial or Optical Output
- Selectable Dante Sample Rates: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz
- Digital Audio Output Sample Rate Equals Dante Sample Rate
- Transformer-Isolated AES/EBU Output
- Dante Audio Signals Remain in the Digital Domain through the Output

RDL-SF-ND2 • Reg. \$458.17 Your Price \$382.84

**RDL TX-J2 Unbalanced Input Transformer**

- Mix two unbalanced audio signals to mono balanced
- Combine stereo into mono with balanced output
- Unbalanced to balanced conversion without gain
- Hum cancellation on unbalanced line inputs
- Frequency response 30 Hz to 20 kHz (+/- 1 dB)
- Passive design requires no power source
- Small and compact enclosure

TX-J2 • Reg. \$83.63 Your Price \$57.49

**RDL TX-70A 25V/70V/100V Speaker Level Input Interface - Unbalanced Line Output**

- Matches a 100, 70 or 25 volt speaker line to any unbalanced line-level audio input
- Trimmer adjusts output level for various input voltage/power levels
- Frequency response: 20 Hz to 20 kHz (+/- 0.5 dB)
- THD: < 0.05% (1 kHz)

TX-70A • Reg. \$55.15 Your Price \$48.99

**RDL RU-ADA4D 4 Channel Stereo Audio Distribution Amplifier**

- Stereo Audio Distribution with 4 Outputs
- Mono Audio Distribution with 8 Outputs
- Front-Panel Input Level Trimmers
- Dual-LED VU Meter for Each Input Channel
- Front-Panel Output Level Trimmers
- Inputs and Outputs on Rear Panel Detachable Terminal Blocks
- Exceptional Audio Quality for the Most Demanding Applications



RDL-RU-ADA4D • Reg. \$359.45 Your Price \$241.49

RDL SF-NL2 Two Dante Channel to Two Balanced Analog XLR Audio Network Interface

- Converts Two Dante Network Audio Signals to Balanced Analog
- Selectable Dante Sample Rates: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz
- Each Output Switch-Selectable for Mic or Line Level
- Line-Level Outputs Provide +4 dBu with 20 dB Headroom
- Exceptional Low-Noise and Low-Distortion Performance
- High Resolution 24 Bit Digital to Analog Conversion
- Legendary RDL Analog Filtering Enhances Superb Audio Performance

RDL-SF-NL2 • Reg. \$398.42 Your Price \$339.35



World's Best Gaffers Tape

**Rip it... Rip it Good!****21 COLORS IN STOCK!****12 Yard Handy Gaffer**

World's Best Gaffers Tape is now available in handy 12 yard x 1" Wide rolls!

BGT1-12	Black	Your Price \$5.21
SGT1-12	Silver	Your Price \$5.21
WGT1-12	White	Your Price \$5.21
GT1-12-4PK	4 Pack	Your Price \$18.99

Fluorescent Gaffer Tape

Super Visibility! Great for cable & equipment identification. 50 yard rolls.

FOGT1-50	1" Fluorescent Orange	\$10.19
FOGT-50	2" Fluorescent Orange	\$19.36
FPGT1-50	1" Fluorescent Pink	\$10.19
FPGT-50	2" Fluorescent Pink	\$19.36
YGT-50	2" Fluorescent Yellow	\$19.36
YGT3-50	3" Fluorescent Yellow	\$27.80

Spike Tape

Industry standard, removable for marking stage positioning of people, props, aisles etc. Tolerates traffic. 1/2" W x 60 yards.

**\$9.49 ea.**

SST-WH	White	SST-GY	Gray
SST-BK	Black	SST-GN	Green
SST-RD	Red	SST-BN	Brown
SST-YW	Yellow		

Carabiner Tape Slings*Attention All Grips, Gaffers & Camera Assistants!*

The industry way to carry gaffers, spike & rolls of electrical tape on your belt or equipment. Quality carabiner clip with chrome 'O' ring on a rubberized Canare cable with matching color boots for years of use. Tape not included.

GT-CTS1	1 Foot Loop	\$14.95 ea + 3+ \$12.95
GT-CTS2	2 Foot Loop	\$15.49 ea + 3+ \$13.49



This is Not Sales Hype! Pro Tapes ProGaff tape gets rave reviews amongst purists who know the difference. The truth is, this stuff sticks & removes better than anything on the market. The cloth base is firm, yet pliable and tears into precision size pieces when needed. Tons of uses in the studio & field. When it comes to gaffers tape — this stuff is incredible. Use it to tape lights to walls, cables to floors, hold scenery & props together, label feeds, splice cables, position mics, seal road cases, shut up critics, on & on & on... No glare finish. Truly the lifesaver of the audio & video industry. Roll size: 2" x 55 yards.

2" x 55 Yard Gaffers Tape**\$19.56 per roll • 24+ \$18.78 per roll**

BGT-60	Black	GGT-60	Olive Green
SGT-60	Gray	GRGT-60	Forest Green
WGT-60	White	KYGT-60	Kodak Yellow
BLGT-60	Blue	LGGT-60	Light Green
RGT-60	Red	PGT-60	Purple
MGT-60	Burgundy	TGT-60	Teal/Turquoise
CGT-60	Chocolate Brown	TNGT-60	Tan

Chroma Key Gaffers

FGGT-50	Chroma Key Green,
50 Yard Roll	• \$20.38 per roll
EGT-60	Chroma Key Blue,
50 Yard Roll	• \$19.56 per roll

Camouflage Gaffers

20 Yard Camouflage

CFGT-20 • Your Price \$13.99**Glow in the Dark Gaffers Tape**

Improve visibility and safety with the World's Best Gaffers Tape, now available in Glow-In-The-Dark rolls. The pro gaffers won't be seen without it.

GLOWGT-10	1/2" x 10 Yards	Your Price \$12.34
GLOWGT1-10	1" x 10 Yards	Your Price \$13.99
GLOWGT2-10	2" x 10 Yards	Your Price \$28.99

3" x 55 Yard Gaffers**Case Quantity Your Prices apply (\$1.00/roll) - 16/Case.**

BGT3-60	Black	Your Price \$27.81
SGT3-60	Gray	Your Price \$27.81
WGT3-60	White	Your Price \$27.81

4" x 55 Yard Gaffers**Case Quantity Your Prices apply (\$1.00/roll) - 12/Case.**

BGT4-60	Black	Your Price \$32.94
SGT4-60	Gray	Your Price \$32.94
WGT4-60	White	Your Price \$32.94

Permacel Tape

YES! We also stock Permacel brand Gaffers Tape in 2" x 30 yard rolls for those who need it!

Per Roll (24+) per roll

SGP-30	Gray	\$14.81	\$14.22
BGS-30	Black	\$14.81	\$14.22

Double Sided Gaffer

The double sided version of world famous ProGaff tape. This stuff sticks & removes better than anything on the market. The cloth base is firm, yet pliable and tears into precision size pieces when needed. Tons of uses in the studio & field to for hanging props, covering cables, label feeds, splice cables, position mics, seal road cases, shut up critics or temporary carpet drops. Truly the lifesaver of the audio & video industry. White.



DSGT-1X25-WE	1" x 25 Yds	Your Price \$16.99
DSGT-2X25-WE	2" x 25 Yds	Your Price \$32.99
DSGT-3X25-WE	3" x 25 Yds	Your Price \$44.99

**WE ARE PROUD TO BE 100% EMPLOYEE OWNED!**

Shure AD4D Axient Digital Dual & Quad Wireless Receivers



Dual and quad receiver options open the gateway to the full range of features, from high-performance RF and transparent digital audio to software control. With Quadversity™, the AD4Q can assign four antennas to a single channel for greater coverage and signal quality.

- Wide tuning range up to 184 MHz
- True digital diversity reception per channel for drop-out resistance
- Networked control with Wireless Workbench software and ShurePlus Channels app
- Optional DC module available to support redundant power
- AD4Q features Quadversity mode for extended antenna coverage and improved RF signal-to-noise

SH-AD4DUS-* Dual Channel..... Reg. \$3750.00 **Your Price \$3000.00**
SH-AD4QUS-* Quad Channel Reg. \$7500.00 **Your Price \$6000.00**

*Frequencies Available: A = 470-636 MHz; B = 606-810 MHz; C = 750-960 MHz



**Shure AD1 Axient Digital
Bodypack Wireless Transmitter**

Axient Digital defies limitations for both RF and audio quality. With industry-leading low latency, transparent frequency response, and wide dynamic range, Axient Digital lets nothing get in the way of true, pure sound. No matter the setting, you'll hear Shure audio quality you can count on. A lightweight yet durable bodypack with breakthrough RF performance and wide tuning up to 184 MHz, the Shure Axient Digital AD1 Bodypack Transmitter wireless bodypack transmitter puts professional quality digital audio within reach.

- Two transmission modes: Standard for optimal coverage and new High Density for maximum system channel count and robust coverage
- Encryption-enabled, secure transmission
- Two connector options: TA4 and LEMO3 Detachable ¼-wave antenna
- Magnesium alloy design for lightweight wear
- AA or SB900A Li-ion rechargeable batteries for convenient power options
- External contacts for docked charging

SH-AD1-* • Reg. \$999.00 **Your Price \$799.00**

* Frequencies Available: G57= 470-616 MHz; K54 = 606-663 MHz; X55 = 941-960 MHz

AD2 Axient Digital Bodypack Handheld Transmitters

Axient Digital defies limitations for both RF and audio quality. With industry-leading low latency, transparent frequency response, and wide dynamic range, Axient Digital lets nothing get in the way of true, pure sound. No matter the setting, you'll hear Shure audio quality you can count on. With break-through RF performance and wide tuning up to 184 MHz, the AD series wireless handheld transmitter puts professional quality digital audio within reach.

SH-AD2-B87A-* BETA 87A Reg. \$1361.00 **Your Price \$1089.00**
SH-AD2-B58-* BETA 58..... Reg. \$1236.00 **Your Price \$989.00**
SH-AD2-K8B-* KSM8 Black ... Reg. \$1624.00 **Your Price \$1299.00**
SH-AD2-K8N-* KSM8 Nickel .. Reg. \$1624.00 **Your Price \$1299.00**

*Frequencies Available: G57= 470-616 MHz; K54 = 606-663 MHz; X55 = 941-960 MHz



**INTEGRITY YOU
CAN HEAR.**

Shure GLX-D Advanced

Digital Wireless System provides intelligent battery rechargeability, robust RF performance, automatic frequency management and increased channel count with exceptional digital audio clarity and seamless operation. The premium WL185 lavalier microphone offers discreet placement for presentations and other spoken word applications. The industry-standard SM58 vocal microphone capsule delivers warm, clear vocal reproduction.

Exceptional Digital Audio Clarity

The clearest sound from world-renowned Shure microphones via proprietary Shure digital wireless technology.

Intelligent Rechargeability

Rechargeable Lithium-ion batteries with accurate battery metering for up to 16 hours use from a full charge.

Automatic Frequency Management

Linked GLX-D Advanced Wireless receiver communities easily identify and move away from interference continuously, finding the clearest channels for all systems.

Rock-Solid RF Performance for Multiple System Installations

GLX-D Advanced Frequency Managers provide improved RF performance, antenna distribution and seamless frequency management for up to 9 GLX-D Rack Mount systems in typical environments (11 under optimal conditions).



GLX-D Advanced Handheld Configurations

SH-GLXD24R-B58 • Reg. \$811.00 **Your Price \$649.00**

Includes: SB902, GLXD4R Wireless Receiver, GLXD2/BETA58 Handheld Transmitter

SH-GLXD24R-B87A • Reg. \$861.00 **Your Price \$689.00**

Includes: SB902, GLXD4R Wireless Receiver, GLXD2/BETA87A Handheld Transmitter

SH-GLXD24R-SM58 • Reg. \$749.00 **Your Price \$599.00**

Includes: SB902, GLXD2/SM58 Handheld Transmitter, GLXD4R Wireless Receiver

SH-GLXD24R-SM86 • Reg. \$811.00 **Your Price \$649.00**

Includes: SB902, GLXD4R Wireless Receiver, GLXD2/SM86 Handheld Transmitter

GLX-D Advanced Lavalier & Combo Configurations

SH-GLXD14R-85 • Reg. \$811.00 **Your Price \$649.00**

Includes: SB902, GLXD1 Bodypack Transmitter, GLXD4R Wireless Receiver, WL185 Lavalier Condenser Microphone

SH-GLXD14R-93 • Reg. \$774.00 **Your Price \$619.00**

Includes: SB902, GLXD1 Bodypack Transmitter, GLXD4R Wireless Receiver, WL93 Series Subminiature Lavalier Microphones

Handheld/Lav Combo: SH-GLXD124R-85 • Reg. \$1174.00 **Your Price \$939.00**

Includes: SB902, GLXD2/SM58 Handheld Transmitter, WL185 Lavalier Condenser Microphone, GLXD1 Bodypack Transmitter, GLXD4R Wireless Receiver

SHURE
LEGENDARY
PERFORMANCE™

480MHz 490MHz 500MHz 510MHz 520MHz 530MHz 540MHz 550MHz

INTRODUCING AXIENT® DIGITAL

HEAR NOTHING BUT QUALITY.



Axient Digital defies limitations for both RF and audio excellence. With an industry-leading 2 ms of latency*, linear transient response, and wide dynamic range, nothing gets in the way of true, pure sound.
[Learn more at shure.com/axientdigital](https://www.shure.com/axientdigital)

*From transducer to analog output, in standard transmission mode.

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SHURE
LEGENDARY
PERFORMANCE™



Sennheiser Evolution Wireless G4 Systems

For years, evolution wireless G3 has been one of the best-selling wireless systems in the market. evolution wireless G4 takes this legacy one step further with more power, features and flexibility.

NEW!


The Evolution Wireless G4 retains all of G3's best features while simultaneously providing many system improvements. The Evolution Wireless G4 features more power than its predecessor.

- The 300, 500 and IEM series offer increased RF power, up to 50 mW, for greater transmission range. The portable Broadcast & Film sets benefit from 8 hours of battery power.
- The G4 exceeds expectations with increased switching bandwidth of up to 88 MHz in the 300 and 500 series.
- G4's 100 series systems can be daisy chained for fast, coordinated setup via a new linking function.
- G4's intuitive LCD and OLED displays make the lives of engineers easier in any environment.

EW-100-G4-C11-A • Wireless Instrument Set w/ SK 100 G4 Bodypack & EM 100 G4 Rackmount Receiver.....	Your Price \$549.00
EW-100G4-835-S-A • Wireless Vocal Set with SKM 100 G4-S Cardioid Dynamic Handheld Microphone.....	Your Price \$599.00
EW-100G4M2835S-A • Wireless Lavalier/Vocal Combo Set with SKM 100 G4-S Handheld Mic.....	Your Price \$999.00
EW-100-G4-ME2-A • Wireless Lav Set with SK 100 G4 Bodypack & ME 2-II Omni Condenser Lav Mic.....	Your Price \$599.00
EW-100-G4-ME3-A • Wireless Headmic Set w/SK 100 G4 Bodypack & 1 ME 3-II Cardioid Condenser Headmic.....	Your Price \$649.00
EW-300G4-865S-AW • Wireless Vocal Set w/ SKM 300 G4-S Supercardioid Condenser Handheld Mic	Your Price \$999.00
EW-300G4BSKRC-AW • EW 300 G4-Base SK-RC-AW+ Wireless Bodypack Base Set.....	Your Price \$829.00
EW-300G4BSSKMSAW • EW 300 G4-Base SKM-S-AW+ Wireless Handheld Base Set.....	Your Price \$829.00
EW-300G4HDM1RCAW • EW 300 G4-HEADMIC1-RC-AW+ Wireless Omnidirectional Condenser Headmic Set.....	Your Price \$1195.00
EW-300G4ME2RC-AW • EW 300 G4-ME2-RC-AW+ Wireless Omnidirectional Condenser Lavalier Set.....	Your Price \$949.00
EW-500-G4-935-AW • Wireless Vocal Set with SKM 500 G4 Cardioid Dynamic Handheld Microphone.....	Your Price \$899.00
EW-500-G4-C11-AW • EW 500 G4-C11-AW+ Wireless Instrument Set	Your Price \$849.00
SENN-EW-IEM-G4-A • EW IEM G4-A Wireless Stereo Monitoring Set with SR IEM G4 Transmitter & EK IEM G4 Receiver.....	Your Price \$999.00
EW-IEM-G4TWIN-A1 • Wireless Stereo Monitoring Set w/ SR IEM G4 Transmitter & (2) EK IEM G4 Receivers	Your Price \$1295.00

Sennheiser TC-W-SET-CASE-US TeamConnect Portable Wireless Conference System

TeamConnect Wireless is a portable wireless conference system that provides excellent sound for online meetings. It is extremely easy to set up and host a professional-sounding online meeting in an instant in any room. The system delivers multiple connectivity options with any laptop, smart device or video conferencing system via Bluetooth, USB, or 3.5mm jack; its connectivity makes it a highly flexible asset that supports all your Unified Communications demands.



- Online meeting solution for up to 24 participants
- For flexible meeting rooms
- Connect with any device (BYOD) - smartphone, tablet or PC
- Wireless connectivity via Bluetooth or via USB or 3.5mm jack audio cable
- Supports multiple simultaneous audio channels, so additional callers can be added with ease
- Comes with a portable case for simple storage and charging of satellites
- Best speech intelligibility, for better and more effective online meetings
- Award Winning Design - Winner of the Red Dot Design Award - Best of the Best 2016, German Design Award 2016 and DECT Award

SENN-TCWSETCSUS • Reg. \$4875.00 **Your Price \$3900.00**

Sennheiser SpeechLine Wireless Conferencing Systems


- The SpeechLine Digital Wireless series provides reliable and highly flexible solutions tailored to education and corporate applications. I
- The Sennheiser Control Cockpit software is the revolutionary new tool for easy handling, control and maintenance of the entire SpeechLine

SENNHEISER Digital Wireless system. It shows all relevant status information at a glance and makes setting adjustments for one or multiple devices at the same time very easy.

- Automatic Frequency Management performs an on-site real-time scan on startup to find free frequencies. • During operation, Automatic Interference Management changes seamlessly to a free channel in case of frequency disturbances.
- The two types of sets are either **Rackmount Sets (-R version)**, or **Case Sets (-C version)**, in a transport case.

SENN-SLHHDW4USC	HANDHELD SET, SL Handheld DW, MME 865 capsule - Case.....	Your Price \$1100.00
SENN-SLHHDW4USR	HANDHELD SET, SL Handheld DW, MME 865 capsule - Rackmount.....	Your Price \$1100.00
SENN-SLHMDW4USC	HEADMIC SET, SL Headmic 1, SL Bodypack DW - Case	Your Price \$1400.00
SENN-SLHMDW4USR	HEADMIC SET, SL Headmic 1, SL Bodypack DW - Rackmount.....	Your Price \$1400.00
SENN-SLLVDW4USC	LAVALIER SET, MKE 1 condenser lav mic, SL Bodypack DW - Case	Your Price \$1250.00
SENN-SLBNDSETDW4	BOUNDARY SET, 114-S DW Conferencing Mic - Rackmount.....	Your Price \$1400.00



SENNHEISER



evolution wireless G4

Evolving with you.



With a sleek new user interface, a generously expanded switching bandwidth and higher RF output power for the 500 Series, and new multi-channel functionality for the 100 Series, G4 delivers high-quality, reliable audio for musical performances, houses of worship, and theaters.



Broadcast Supply Specialists.™

Ask your Markertek Expert for more information.
800-522-2025 | markertek.com/brand/sennheiser

Tripp Lite PV-375 Portable Auto Inverter

- Allows users to run AC devices from any 12V cigarette lighter socket
- Converts 12V DC battery power to 120V AC power
- 375 watts continuous output power; 600 watts peak output power (instantaneous)
- 2 outlets • 3-ft. cord with cigarette lighter plug
- Ultra compact, lightweight design with all-metal housing • Low battery alarm with auto-shutoff preserves vehicle battery
- Overload alarm with auto-shutoff prevents wattage overload • Replaceable 40amp fuse protects inverter from overload


PV-375 • Your Price \$55.50
Tripp Lite IP Transmitter/Receiver/Extenders over Cat5/Cat6 with RS-232 Serial & IR Control - 328' TAA


- Converts audio/video to an IP-based signal that is transmitted point-to-point to a display 328 ft. away
- Add low-cost network switches between transmitter and receiver to continue extending distance up to 328 ft. per switch
- HDMI output on transmitter for connecting a local display



- Connect up to 64 transmitters and 255 receivers through multiple dedicated managed network switches

- IGMP-enabled switches allow centralized control over which sources show on which displays
- Video source can be sent to any analog or digital display, so you can mix and match technologies and use existing monitors
- Uses H.264 video compression standard • Transmits on 20-60 kHz IR frequency
- Extends IR control signals that control a source from a remote display
- Supports RS-232 serial baud rates up to 57600 Bps • HDCP and 3D compatible

TRL-B160-001DPSI • DisplayPort over IP Extender Transmitter • \$254.95
TRL-B160-001-VSI • VGA over IP Extender Transmitter • \$247.45
TRL-B160-101DPSI • DisplayPort over IP Transmitter/Receiver/Extender Kit • \$375.95
TRL-B160-101HDSI • HDMI/DVI over IP Gigabit LAN Ethernet Extender • \$354.45
TRL-B160-200-HSI • 2-Port HDMI over IP Extender Receiver • \$173.95
Tripp Lite 6-Outlet Surge Suppressors with 6' Cord & 2 Port USB Charger

- Tripp Lite's TLP606USB offers economical AC surge suppression for protection of workstations, desktop PCs, telecom systems and other sensitive electronics.
- Built-in AC surge suppression shields connected equipment from damage and performance problems due to transient surges.
- USB charging ports offer fast charging for smartphones, tablets, MP3 players and other portable devices.
- TLP606USB offers 6 total outlets, 6 foot cord, 2 USB charging ports and diagnostic LED to warn of suppressor damage.



- AC suppression rated at 990 joules shields equipment from surges and line noise.

TRL-TLP606USB • Your Price \$24.46
TRL-TLP606USBB • Black • Your Price \$23.40
TRIPP LITE
Tripp Lite Wireless HDMI Extenders 1080p


- Wirelessly Extends an HDMI Audio/Video Signal Up to 200 m (650 ft.)
- Easy no-fuss, no-mess setup with no costly cabling infrastructure
- Ideal for homes, offices, digital signage applications, trade shows and anywhere else where connecting long video cables is impractical
- Supports video resolutions up to 1920 x 1080 (1080p) @ 60 Hz


1080 (1080p) @ 60 Hz

- Extends IR control signals that control an HDMI source from the remote display

- Compatible with HDMI 1.3 and HDCP 1.2

- Supports 24-bit Deep Color (8 bits per channel) and stereo audio

- Supports 300 MHz/3.4 Gbps per channel bandwidth (10.2 Gbps total)

- AES 128 encryption protects transmissions • Uses a 5GHz wireless frequency

- LEDs indicate power, data transmission and connection status

TRL-B126-1A1WHD2 • Extends 650' Your Price \$471.45
TRL-B126-1A1WHD1 • Extends 165' Your Price \$345.85
Tripp Lite 10/100/1000 Mbps Ethernet Unmanaged Switches


- Share large bandwidth-intensive files, such as CAD drawings and videos, at Gigabit speeds, improving efficiency and cutting costly downtime.
- Unmanaged Network Switch for Home/Small Offices, Workgroups and Security Applications • 16 twisted-pair RJ45 Gigabit Ethernet ports
- Auto-negotiable 10/100/1000 Mbps • Automatic MDI/MDIX cross-over detection
- Switching capacity: 2 Gbps per port with full duplex
- Easy-to-read LEDs indicate connection and activity status for each port

TRL-NG5 • 5-Port / 10Gbps / Desktop / Metal Housing • \$32.00
TRL-NG5P • 5-Port / 10Gbps / Desktop / Durable Housing • \$29.76
TRL-NG5POE • 5-Port / 10Gbps / Rackmount / PoE 75W • \$97.98
TRL-NG8 • 8-Port / 16Gbps / Desktop / Metal Housing • \$47.98
TRL-NG8P • 8-Port / 16Gbps / Desktop / Durable Housing • \$36.95
TRL-NG8POE • 8-Port / 16Gbps / Rackmount / PoE 140W • \$129.95
TRL-NG16 • 16-Port / 32Gbps / Rackmount / Metal Housing • \$89.95
TRL-NG16POE • 16-Port / 32Gbps / Rackmount / PoE 260W • \$224.95
TRL-NG24 • 24-Port + 2 mini-GBIC SFP ports / 52Gbps / Rackmount • \$119.95

Tripp Lite 10/100/1000Mbps L2 Web-Smart Managed Network Switches


- Built-In Web-Smart Management Software: Monitors and controls connected equipment via simple Web interface

- VLAN, trunking, VPN, port monitoring and other features improve network efficiency and performance

- Dual Dedicated SFP Ports: Connect two SFP (mini-GBIC) transceiver modules for uplinking to other switches via optical fiber or copper • LEDs indicate interface traffic

TRL-NGS8C2 • 8-Port / 20Gbps • \$108.00
TRL-NGS8C2POE • 8-Port / 20Gbps / PoE 140W • \$174.95
TRL-NGS16C2 • 16-Port / 36Gbps • \$179.95
TRL-NGS24C2 • 24-Port / 52Gbps • \$195.00
TRL-NGS24C2POE • 24-Port / 52Gbps / PoE 300W • \$389.00

Delivering Professional-Grade A/V Solutions

Tripp Lite offers more than 700 A/V products to deliver crystal-clear audio and video to displays over long distances, even thousands of feet. Whether you're designing a new installation or modifying an existing setup, you'll find innovative solutions for transmitting video, upgrading viewing angles, adding power protection and improving security for your valuable equipment.

A/V ADAPTERS

- Connect displays and sources with dissimilar connectors
- Add additional ports to laptops or tablets to create a versatile workstation



Markertek #	Description
USB-C Adapters	
TRL-U444-06N-H4GU-C	USB 3.1 Gen 1 USB-C to HDMI 4K Adapter + Ethernet, USB-A, USB-C Charging
TRL-U444-06N-VU-C	USB 3.1 Gen 1 USB-C to VGA Adapter + USB-A, USB-C Charging
DisplayPort Adapters	
TRL-P136-000	DisplayPort to HDMI Converter Adapter, 1920x1200/1080p, 6 in.
TRL-P136-000-1	DisplayPort to HDMI Converter Adapter, 1920x1200/1080p
TRL-P136-06N-H2V2LB	DisplayPort to HDMI Active Adapter, 4K @ 60 Hz, 6 in.

DISPLAY MOUNTS

- Optimize viewing angles and improve ergonomics with tilting and full-motion styles
- Available for TVs, monitors, tablets and smartphones



Markertek #	Description
Tilt Models	
TRL-DWT2655XP	Wall Mount for 26" to 55" Displays
TRL-DWT3270X	Wall Mount for 32" to 70" Displays
TRL-DWT60100XX	Wall Mount for 60" to 100" Displays
Swivel/Tilt Models	
TRL-DWM1327SE	Wall Mount for 13" to 27" Displays
TRL-DWM1742MA	Wall Mount for 17" to 42" Displays
TRL-DWM2655M	Wall Mount for 26" to 55" Displays
TRL-DWM3770X	Wall Mount for 37" to 70" Displays
TRL-DWM60100XX	Wall Mount for 60" to 100" Displays

SPLITTERS & EXTENDERS

- Transmit HD signals from source devices to displays
- A/V over IP extenders provide compatibility between analog and digital technologies



Markertek #	Description
Splitters & Extenders	
TRL-B118-004-UHD	HDMI 4-Port Splitter, 4K
TRL-B126-4X4	HDMI 4x4 Matrix Switch/Splitter, 1080p
TRL-B156-002	DisplayPort 1.2 2-Port MST Hub, 4K
TRL-B120-000	DVI Dual-Link Extender, 2560x1600
Over Cat5/6 Extenders	
TRL-BHDBT-K-SI	HDBaseT Class B HDMI Extender Kit, 4K
TRL-P167-000	HDMI Dual Extender Wall Plate Kit, 1080p
TRL-B130-101A-2	VGA + Audio Extender Kit, 1920x1440
TRL-B136-004	Component Video + Audio 4-Port Extender/Splitter, 1080i
Over IP Cat5/6 Extenders	
TRL-B160-101-HDSI	HDMI/DVI over IP Extender Kit, 1080p
TRL-B160-200-HSI	HDMI over IP 2-Port Receiver, 1080p
TRL-B160-101-DPSI	DisplayPort over IP Extender Kit, 1080p
TRL-B160-001-DPSI	DisplayPort over IP Transmitter, 1080p
TRL-B160-001-VSI	VGA over IP Transmitter, 1080p

CABLES & ADAPTERS

- Solutions are available for a wide range of technologies, including HDMI, DisplayPort, DVI, VGA, USB, Coaxial, Toslink and Stereo Audio

Make the most of your message with Tripp Lite!



Middle Atlantic SR Series 90° Pivoting Racks

Get the advantages of both floor-standing racks and wall-mounted cabinets in one. This unique tall wall rack pivots open 90 degrees on a floor base to provide access to rear equipment connections. Specify an SR Series enclosure for heavier installations that will connect to on-wall cabling or pull boxes, and when easy access to rear equipment connections is essential. Capacity Weight (US): 500lbs.

- Patented Tool Free Quick-Mount system for center section mounting
- Standard adjustable front 10-32 threaded rackrail with numbered spaces

SR-24-32 • 24RU, Depth 32" Reg \$1774.00 **Your Price \$1330.50**

SR-40-22 • 40RU, Depth 22" Reg \$1632.00 **Your Price \$1224.00**

SR-46-28 • 46RU, Depth 28" Reg \$2067.00 **Your Price \$1550.25**



NEW!



RK Series 19" K.D. Equipment Racks

Now with Enhanced Black Wood Grain Finish & New Options!

Cost effective modular, studio racks well suited for permanent installation

- Constructed with 5/8" black laminated MDF board
- Pre-installed 11 gauge 10-32 threaded front rack rails
- Quick & easy assembly with supplied allen wrench & driver bit
- Caster kit option also available
- RK racks feature 16"D - BRK racks feature 18"D

RK-2	2RU, 3.5"	\$109.50
RK-4	4RU, 7"	\$118.50
RK6	6RU, 10.5"	\$126.00
RK-8	8RU, 14"	\$137.25
RK10	10RU, 17.5"	\$141.00
RK-12	12RU, 21"	\$150.75
RK-14	14RU, 24.5"	\$156.00



BEST seller

CFR Cabinet Frame Racks

Designed to provide rackspace in cabinets, credenzas, podiums, lecterns and other pre-built structures. Features:

- Low profile design maximizes amount of useable rackspace.
- A strong welded frame that allows for pre-loading equipment and transportation to the installation site
- Available in 16" and 18" depths
- Available in 8 to 14 space useable racking height
- Comes standard with two adjustable front to rear lacing bars for cable dressing or mounting accessories
- Rackrail features offset cable tie area which keeps the rack to a slim 19-1/4" width
- Optional runner kits allow the rack to easily slide in or out of cabinets and credenzas.



CFR-10-16 10 Space Cabinet Frame Rack 16" Depth **Your Price \$278.25**

CFR-12-16 12 Space Cabinet Frame Rack 16" Depth **Your Price \$278.25**

CFR-11-18 11 Space Cabinet Frame Rack 18" Depth **Your Price \$298.50**

CFR-12-18 12 Space Cabinet Frame Rack 18" Depth **Your Price \$298.50**

CFR-14-18 14 Space Cabinet Frame Rack 18" Depth **Your Price \$298.50**

MIDDLE ATLANTIC



Middle Atlantic RCS-4224 Residential Configured Rack System

The Essex RCS Series Residential Configured Rack System offers exceptional quality and value at cost-effective prices for residential installers. It is completely assembled at the factory and ships with pre-installed accessories to save contractors time in the field while eliminating packaging waste.

- Fully welded steel construction
- Ships fully assembled to save time
- Locking removable side panels for easy integration
- Glass front door, locking rear access panel standard
- Includes front and rear adjustable rackrail

• Assembled with 9 shelves and 9 blank panels

• Top mounted DC fans

• Essex accessory brackets included

MAP-RCS-4224 **Your Price \$1259.25**

Connectronics Utility Shelves are 16 gauge steel with black enamel finish. The quick and easy way to rack mount equipment not normally rack mountable. One piece heavy duty construction. 1 space holds up to 35 lbs. and 2 space holds up to 50 lbs.

US1 1.75" H (1RU); Shelf Area : 17.375" W x 11" D **\$32.95**

US2 3.5" H (2 RU); Shelf Area : 17.375" W x 14.312" D **\$34.49**



BEST seller

America's Best Shelf Value!

UTR-1 1/2 / 1/3 Rack Shelf

Mounts smaller components, wireless units and other half/third-rack gear • Includes hook-and-loop strips and enhanced ventilation pattern • 16-gauge steel with a 25 lb. weight capacity • Black powder coat • 1RU high x 10" Deep

UTR-1 **Your Price \$33.00**



BEST seller

Adjustable Telescoping Rack Shelf

Unlike standard adjustable shelves, the entire VSA shelf telescopes to reach rear rail, providing a range of useable depths from 16" to 44". Ideal for even the deepest components. Finished in a durable black powder coat & fully vented. Capacity: 500 lbs.

VSA-1626 16-26", 1RU High **Your Price \$125.25**

VSA-2744 27-44", 1RU High **Your Price \$153.75**

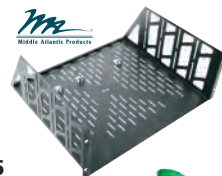


BEST seller

UxV Series Vented Utility Shelf

Featuring fully ventilated bottom and sides for heat dissipation, these fully welded, easy-to-install shelves fit all components up to 17 3/8" wide to quickly meet all of your rackmounting needs. Made from 16-gauge steel.

U2V • 2 Space **Your Price \$59.25**



BEST seller

Super Low Cost Rack Drawers

Organize Your Rack for Half the Price!

Samson rack drawers are the durable choice that won't empty your pockets! Light Weight 19"/483mm Rack Drawer, Lockable, with Slam Lock and rear cable knockout. Material: Steel/Aluminum.

TN-RD1 1RU Reg. \$95.99 **Your Price \$64.99**

TN-RD2 2RU Reg. \$95.99 **Your Price \$65.99**

TN-RD3 3RU Reg. \$107.99 **Your Price \$67.95**

TN-RD4 4RU Reg. \$119.99 **Your Price \$81.95**



BEST seller

CAT5/CAT6 CABLES

Laird Belden 10GX Enhanced Shielded Category 6A 10 Gigabit IP Ethernet Cables

The future backbone of your IT & IP cable infrastructure starts and stops with a Belden Category 6A 10GXS cable built by Laird. The continuing evolution of HDBaseT, HDBiT, DANTE and other similar standards for HD video and Digital Audio IP packetization methods demand the bandwidth of a Category 6A solution. Built Laird tough with Belden 4-pair, 23 AWG UTP copper 10GX cable that exceeds the ANSI/TIA-568-B.2-10 Category 6A standard and is ready for your high speed Local Area Networks (LANs), Server Farms, Storage Area Networks (SANs) and any other heavy data traffic environment.



CAT6-HDBT-003	3'	.....	Your Price \$26.95
CAT6-HDBT-006	6'	.....	Your Price \$29.95
CAT6-HDBT-010	10'	.....	Your Price \$33.95
CAT6-HDBT-025	25'	.....	Your Price \$46.95
CAT6-HDBT-050	50'	.....	Your Price \$69.95
CAT6-HDBT-075	75'	.....	Your Price \$92.95
CAT6-HDBT-100	100'	.....	Your Price \$109.95
CAT6-HDBT-250	250'	.....	Your Price \$239.95



TuffCat Super Duty Cables

Developed for any application requiring heavy duty CAT5e cable deployment. Features Belden 7923a DataTuff Twisted pair cable with CAT-5e connector boots to protect locking tabs on RJ45 connector ends. Perfect in the field connecting audio and video

baluns, or anywhere a heavy-duty CAT5e cable is needed.

TUFFCAT-25	25'	.....	Your Price \$30.95	TUFFCAT-75	75'	.....	Your Price \$63.95
TUFFCAT-35	35'	.....	Your Price \$37.95	TUFFCAT-100	100'	.....	Your Price \$77.95
TUFFCAT-50	50'	.....	Your Price \$47.95	TUFFCAT-200	200'	.....	Your Price \$141.95



RJ45 & RJ11 CAT5e/CAT6 Feed-Thru Barrels

First chassis mount RJ45 to RJ45 feed-thru barrel connectors that fit any standard XLR audio rack panel!

RJ45-RJ45CM	8-Conductor RJ45 Chassis Mount Barrel, CAT5e compatible	\$9.95
RJ-RJ45CM	8-Conductor CAT5e RJ45 Female To RJ45 Female Modular Coupler.....	\$3.95
RJ45-RJ45CM-6	New! Category 6 RJ45 D-Style Panel Mount Coupler.....	\$12.25
RJ11-RJ11CM	RJ11 Female To RJ11 Female Chassis Mount.....	\$12.25
RJ-RJ11CM	RJ11 Female To RJ11 Female Modular Coupler	\$4.40



NEUTRIK®

Neutrik etherCON RJ45 Connectors



NE8FDY-C6

NE8FDY-C6-B

NE8FDP

NE8FDV-Y110



NE8MC

NE8MC-1

NE8MC-1-B

NE8FF

'D' Series Panel Mounts

NE8FDP	RJ45 feed-through barrel, Silver.....	Your Price \$9.95
NE8FDP-B	RJ45 feed-through barrel, Black.....	Your Price \$10.78
NE8FDV-Y110	Rear IDC 110 punch terminals.....	Your Price \$8.52
NE8FF	Inline RJ45 coupling	Your Price \$16.67

Cable Mounts

NE8MC6-MO	etherCON CAT6 Cable Connector Self-Termination. Includes a cable plug carrier offering a robust metal shell with Push-Pull locking system	Your Price \$10.04
NE8MC	Cable carrier for preassembled RJ45 plugs. Shell, fixing disk, chuck, bush & boot. Includes two cable protection elements for up to 5 mm cable diameters. Black bushing.....	\$2.83
NE8MC-B	As NE8MC but Black Shell	Your Price \$3.21
NE8MC-1	Cable end housing consists of a shell, fixing disk, chuck and bush. X-Series Boot for 3.5 - 8 mm cable diameters. Standard bushing color is black.....	Your Price \$2.65
NE8MC-1-B	As NE8MC-1 but Black Shell.....	Your Price \$3.04

CAT6 Series D Series Panel Mounts

NE8FDY-C6	CAT6 'D' panel connector with metal housing and secure latching system & gas-tight IDC termination, Silver	Your Price \$25.34
NE8FDY-C6-B	CAT6 'D' panel connector w/metal housing & secure latching system & gas-tight IDC termination, Black	Your Price \$26.78

**NEW FROM
NAB 2018**

markertek®



DataTuff Cat5e HD Cables

Need a CAT 5 cable that is as rugged as your video and audio cabling? Choose these ruggedized assemblies built with Belden round Datatuff cable mated to Neutrik Ethercon locking CAT 5 connectors. The Ethercon shell is diecast metal designed to completely protect the CAT 5 inner connector.

CAT5XTRM-10	10'	.....	Your Price \$19.49
CAT5XTRM-20	20'	.....	Your Price \$25.49
CAT5XTRM-25	25'	.....	Your Price \$28.49
CAT5XTRM-35	35'	.....	Your Price \$34.64
CAT5XTRM-50	50'	.....	Your Price \$45.95
CAT5XTRM-75	75'	.....	Your Price \$58.95
CAT5XTRM-100	100'	.....	Your Price \$74.49
CAT5XTRM-150	150'	.....	Your Price \$94.49
CAT5XTRM-200	200'	.....	Your Price \$135.49



PLATINUM TOOLS E-Z RJ45 Connectors

Simplifies terminations by allowing the wires to be inserted through the connector and out the front. Furthermore, electrical performance of the termination is optimized by pulling the connector down over the cable jacket and seating it tightly in the rear of the connector. Manufactured in the USA.

PLAT-EZ5-50	Cat5/5e 50 Pack Clamshell.....	Your Price \$28.12
PLAT-100003B	Cat5/5e 100 Piece Box	Your Price \$55.21
PLAT-EZ5-100J	Cat5/5e 100 Jar Pack.....	Your Price \$55.21
PLAT-100020	Shielded Cat5/5e 50 Pack	Your Price \$67.92
PLAT-100021C	Shielded Cat5/5e 10 Pack	Your Price \$16.07
PLAT-EZ6-50	CAT6 50 Pack	Your Price \$33.89
PLAT-202010J	CAT6 100 Pack	Your Price \$62.26
PLAT-202016J	CAT6+ 50 Pack with Strain Relief	Your Price \$43.26
PLAT-100054C	Pro Crimp Tool w/Tip Cutter	Your Price \$76.49



RJ45 Modular Plugs

High quality shielded 8P8C modular plugs for use with industry standard crimp tools. Feature phosphor bronze with selective gold plating in contact area. For round solid conductor category 6 and 5e cable. Package of 50.

ECL702-022	• Your Price \$10.82 / pk. 5+:	\$10.50 / pk.
TN-CAT6MP	• CAT6 Plug •	\$0.34

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

Belden 2183P CMP Plenum 4K UHD HDBaseT Ethernet Cable

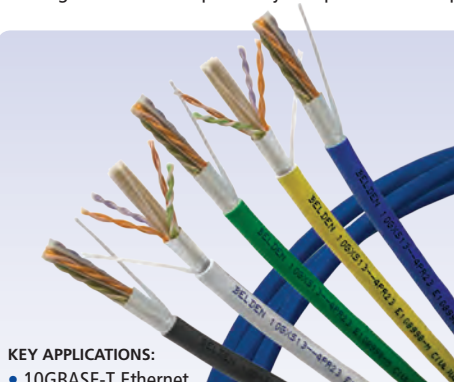
- 100% shielding provides protection from noise interference with AV signal
- Single overall shield construction saves significant termination time
- UL Limited Power (LP) rated to 0.6A per conductor
- Interoperable with leading manufacturers' AV equipment
- Up to 25% smaller than Category 7a
- Easy to bend and fit into small spaces
- Resistant to rigors of installation with Bonded-Pair, durable shield and helical drain
- Designed and tested specifically for optimal 4K UHD performance



BL-2183P-0250BK • 250' Reel - Black • Reg. \$442.55 **Your Price \$429.29**
BL-2183P-1000BK • 1000' Reel - Black • Reg. \$1770.20 **Your Price \$1461.89**

Belden 2183R CMR Riser 4K UHD HDBaseT Ethernet Cable

BL-2183R-1000BE • 1000' Reel - Blue • Reg. \$916.80 **Your Price \$757.16**
BL-2183R-1000BK • 1000' Reel - Black • Reg. \$916.80 **Your Price \$757.16**



KEY APPLICATIONS:

- 10GBASE-T Ethernet
- 1000BASE-T as well as 2.5G and 5G Ethernet
- PoE Type 1 (15 W), Type 2 (30 W), Type 3 (60 W), Type 4 (90 W)
- IEEE 802.11ac Wave 1 and Wave 2 High-Throughput Wi-Fi
- HDBaseT, Broadband (CATV) and High-Speed Internet (DOCSIS)



Belden 10GX12 CAT6A Cable 4 PR 23 AWG - Riser-CMR

The Gold Standard of 10G Networking

Through a unique combination of advanced engineering expertise and precision manufacturing, Belden has built upon the enabling technologies of its 10GX System to offer better noise immunity and performance that meets or exceeds Category 6A specifications. It not only gives you the performance you need to run current-day applications, but provides room for future growth and expansion.

10GX cable has an improved shape for easier handling - a durable and lightweight round construction provides up to 25% space and weight savings. Superior crosstalk isolation and EMI suppression and up to 10dB of alien crosstalk headroom provide an optimized electrical performance.

BL-10GX121000* 1000' **Your Price \$583.11**

***Specify Color:** BK = Black; BE = Blue; DG = Dark Green; GY = Gray; OE = Orange; RD = Red; VT = Violet; WE = White; YW = Yellow

Belden 10GX62F Enhanced CAT6A F/UTP Bonded-Pair Cable

CAT6A (625MHz), 4-Bonded-Pair, F/UTP-Foil Shielded, Riser-CMR, Premise Horizontal Cable, 23 AWG Solid Bare Copper Conductors, Polyolefin Insulation, X-Spline, Inner Jacket, Overall Foil Screen with Drain Wire, Ripcord, PVC Jacket

BL-10GX62F1000* 1000' **Your Price \$695.00**

***Specify Color:** BK = Black; BE = Blue; GY = Gray; RD = Red; WE = White; YW = Yellow

Belden 10GX63F Enhanced CAT6A F/UTP Bonded-Pair Cable

CAT6A (625MHz), 4-Bonded-Pair, F/UTP-Foil Shielded, Plenum-CMP, Premise Horizontal Cable, 23 AWG Solid Bare Copper Conductors, FEP Insulation, X-Spline, Inner Jacket, Overall Foil Screen with Drain Wire, Ripcord, Flamarrest Jacket

BL-10GX63F1000* 1000' **Your Price \$1390.00**

***Specify Color:** BE = Blue; GY = Gray; RD = Red; WE = White; YW = Yellow

BELDEN CAT5e & CAT6 Cable - Black - See our website for White, Blue, Orange, Grey, Green, Red & Pink

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	1,000 Ft.	Lbs. / M
BL-1583A	CAT5e DataTwist	24	Solid	0.195	15.0	70%	Unshielded	PVC/CMR	\$169.86	29
BL-1585A	1583A Plenum	24	Solid	0.198	15.0	72%	Unshielded	Flamarrest	\$310.81	25
BL-1872A	CAT6 MediaTwist UTP	23	Solid	.365 x .165	15.0	70%	Unshielded	PVC/CMR	\$338.11	29



BELDEN CatSnake Cable

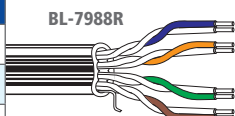
CatSnake™ UTP cables offer exceptional audio/video performance, plus they are extremely rugged and flexible for use outdoors, in broadcast truck applications and professional audio/video use. Belden has a heavy jacket wall version for medium duty applications (1304A) or an upjacketed version for the harshest heavy-duty environments (1305A). These cables also pass the UL 1581 -40°C Cold Bend test and are RJ45 and Neutrik EtherCon® compatible and ideal for Cat 5e Patch, CobraNet, eSnake, Ethersound, Digital Audio over Ethernet. Bonded-Pair unshielded twisted pairs (UTPs) with 24 AWG stranded bare copper conductors & polyolefin insulation. Black jacket with rip cords.

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	500 Ft.	1,000 Ft.
BL-1304A	CAT5e / Digital Audio	24	7x32	0.245	15.0	70%	Unshielded	PVC	\$463.91	\$865.14
BL-1305A	Upjacketed 1304A	24	7x32	0.295	15.0	72%	Unshielded	PVC	\$547.54	\$1021.08
BL-1300A	Wi-Fi / LAN / Shielded	24	7x32	0.295	15.0	72%	Unshielded	PVC	\$268.55	\$500.81



BELDEN VideoTwist AV Over UTP Cable (Bonded Pairs)

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	1,000 Ft.	Lbs. / M
BL-7988R	Low Skew AV	24	Solid	0.204	15.0	70%	Unshielded	PVC/CMR	\$297.43	29
BL-7987R	RGB Nano Skew	24	Solid	0.195	15.0	72%	Unshielded	PVC/CM	\$275.81	20
BL-7989R	CAT6 Low Skew AV	23	Solid	0.365 x 0.165	15.0	70%	Unshielded	PVC/CMR	\$380.27	29





In today's networks, twisted pair cables are demanding more speed and bandwidth. To help meet these requirements, Cat5e/6A cables have increased in size. The new patented ezEX-RJ45 Termination System is the solution providing greater cable to connector compatibility to meet higher performance demands.

- ✓ A unique integrated Hi-Lo stagger load bar
- ✓ Allows "big" conductors to pass through the front end of the connector
- ✓ Easy to verify the wiring sequence before terminating



Platinum Tools ezEX-RJ45 Series EXO-RJ45 Connector Crimp Frames

- Single cycle crimp and flush trim • EXO Die is easily interchangeable • Reversible EXO Die for left hand and right hand users • Connectors lock into tool for correct positioning during crimp • Push button lock for easy storage • Ergonomic comfort grip TPR handles

PLAT-100061C • Crimp Frame with EXO-EX Die
Reg. \$98.00 **Your Price \$83.30**

PLAT-100062C • Crimp Frame with EZ-RJ45 Die
Reg. \$98.00 **Your Price \$83.30**



100071C EXO-EX Connector Die
PLAT-100071C • Reg. \$52.00 **Your Price \$44.20**

100071BL EXO-EX Die Replacement Blade
PLAT-100071BL • Reg. \$5.00 **Your Price \$4.25**

100072C EZ-RJ45 Connector Die
PLAT-100072C • Reg. \$52.00 **Your Price \$44.20**

100072BL EZ-RJ45 Die Replacement Blade
PLAT-100072BL • Reg. \$5.00 **Your Price \$4.25**



Platinum Tools ezEX-RJ45 EX44 10G RJ45 Connectors for 0.039 to 0.044 Conductor Sizes

- Simple one piece/pass through design, no bars or liners
- Hi-Lo stagger isolates each conductor for higher performance
- 5e/6A compliant • FCC, RoHS 2 & UL compliant
- Insulation diameter (conductor):
Size range: .039" – .044" (1.0 – 1.12mm)
- Max outer diameter: .290" (7.36mm)
- Rated up to 10 Gigabit for superior performance
- Works with solid or stranded conductors from 24-22 AWG
- Made in USA

PLAT-100028C • 50 Pack • Reg. \$37.50 **Your Price \$31.88**
PLAT-202044J • Jar of 100 • Reg. \$74.00 **Your Price \$62.90**

Platinum Tools ezEX-RJ45 EX48 10G RJ45 Connectors for 0.043 to 0.048 Conductor Sizes

PLAT-100029C • 50 Pack • Reg. \$45.50 **Your Price \$38.68**
PLAT-202048J • Jar of 100 • Reg. \$89.67 **Your Price \$76.22**

Platinum Tools 15305 Minim 2.5 Self-Adjusting Wire Stripper

High quality, self-adjusting wire stripping and cutting tool with a wire range of 30-13 AWG. Compact pistol grip design gives increased control and greater precision vital for stripping smaller cables. The autoform laminated stripping jaws form around the radius of the cable to ensure no damage to the inner conductor.

PLAT-15305 • Reg. \$72.50
Your Price \$61.95



SENDING ALL THE RIGHT SIGNALS

The Belden 10GX REVConnect System is a future ready RJ45 connector system designed to meet the ongoing growth of IP Convergence and the increasing demand of power over Ethernet (POE) standards. REVConnect makes deployment easier and will put hours back in your day. Increasing the speed of your installation will allow you to complete more jobs, build your IT infrastructure quicker and increase your overall revenue.

- ✓ Single Core for 8 Connector Types
- ✓ Simplified Tooling & Termination
- ✓ 100 Watt POE Support

Belden REVConnect Universal RJ45 Connector Termination Tool

- Single REVConnect Core can be Terminated with CAT5e, CAT6 or CAT6A Connectors
- Versatile - Switch from a Jack to a Plug with No Reterminalion
- Installs Faster to Complete Projects Quicker
- Gas-tight Connections
- Easy - Terminate All 8 Conductors at Once

BL-RVUTT01 • Reg. \$115.00 **Your Price \$105.64**

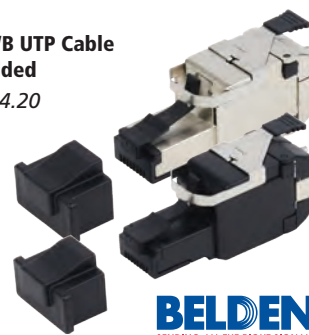


Belden REVConnect 10GX T568 A/B UTP Cable RJ45 Connector Plug - Shielded

BL-RVAFPSME-B24 • Reg. \$504.20
Your Price 24 pack \$463.15

Belden REVConnect 10GX T568 A/B UTP Cable RJ45 Connector Plug - Black

BL-RVAFPUBK-B24 • Reg. \$267.72
Your Price 24 pack \$245.92



Belden RevConnect CAT6plus Jack Electric White UTP T568 A/B Bulk Pack

BL-RV6MJKUEW-B24 • Reg. \$217.26
Your Price bulk pack \$199.57

Belden REVConnect Cable Core
BL-RVUCOEW-B50 • Reg. \$25.75
Your Price 50 pack \$23.65



Belden REVConnect 10GX T568 A/B UTP RJ45 Modular Jack Connectors

BL-RVAMJKUBK-B24 • Black • Reg. \$395.01 **Your Price 24 pack \$362.85**

BL-RVAMJKUBL-B24 • Blue • Reg. \$395.01 **Your Price 24 pack \$362.85**

BL-RVAMJKUEW-B24 • White • Reg. \$395.01 **Your Price 24 pack \$362.85**

BL-RVAMJKUTB-B24 • TIA Blue • Reg. \$395.01 **Your Price 24 pack \$362.85**



SENDING ALL THE RIGHT SIGNALS

NCEO | NATIONAL CENTER FOR
EMPLOYEE OWNERSHIP

Meet Josh!
Director of Engineering and
Manufacturing since 2017

Laird PAC Power Breakout Boxes

- Ideal solution for sound and live event staging as a means to streamline power delivery over a single run to mobile racks and rigs
- Features a power pass through port to further extend lines as needed
- Protected against overload by a built-in circuit breaker
- Add in Laird's PAC adapter cables to power IEC gear such as mixers, monitors, Ethernet switches and more for a complete end-to-end power solution
- Heavy Duty Powder-Coated Housing • Rugged Locking Chassis Connectors



- PAC-T1MT1FX5** • Single powerCON TRUE1 input connection broken out to 4 powerCON TRUE1 receptacles **Your Price \$219.49**
- PAC-T1MACX5** • Single powerCON TRUE1 input connection broken out to 4 standard 5-15 NEMA AC outlets **Your Price \$180.49**
- PAC-MCAACX5** • Single powerCON connection broken out to 4 standard 5-15 NEMA AC outlets **Your Price \$169.95**
- PAC-MCAMPBX5** • Single powerCON connection broken out to 4 separate powerCON outputs **Your Price \$186.95**

Laird powerCON Molded IEC Power Adapter Cables

Designed for use with Laird PAC Power Breakout Boxes when your gear is equipped with IEC power ports. Perfect for audio mixers, computers, monitors or anything that's IEC-power ready.



- Neutrik powerCON Chassis Connectors
- 15A Breaker
- Voltage: 120VAC/60Hz
- Meet CSA and UL Requirements

- PAC-T1M2IECF** • NAC3MX powerCON TRUE1 Male to IEC Female **Your Price \$45.95**
- PAC-IECM2FCA** • NAC3FCA Blue powerCON to IEC Male **Your Price \$41.49**
- PAC-IECM2T1F** • IEC Male to NAC3FX powerCON TRUE1 Female **Your Price \$39.95**
- PAC-FCB2IECF** • NAC3FCB Gray powerCON to IEC Female **Your Price \$41.49**

Laird powerCON Power Adapter Boxes

These power adapter boxes are true mains connectors with breaking capacity (CBC) allowing them to be connected or disconnected under load or live. The combo connector permits daisy chaining to additional stage and field gear and the twist-lock system delivers the confidence of power-on at all times. The system uses fully UL recognized components.

- Rugged Locking Chassis Connectors
- Safe Power Connections
- Neutrik powerCON Chassis Connectors
- 20A Breaker • Voltage: 120VAC/60Hz

- PAC-T1FFCB** • NAC3FCB Gray powerCON to NAC3FPX powerCON TRUE1 Female **Your Price \$142.49**
- PAC-T1T1F** • NAC3PX TRUE1 Male Female Combo Chassis to NAC3FX TRUE1 Female **Your Price \$183.49**
- PAC-T1FCA** • NAC3PX TRUE1 Female to NAC3FCB Gray PowerCon **Your Price \$199.95**
- PAC-T1AC** • NAC3PX TRUE1 Male Female Combo to NEMA 5-15 Female **Your Price \$188.95**

**Laird 12G-SDI/4KUHD Single Link BNC to BNC Camera Cable on Reel**

As 12G / 4K UHD continues to shape the landscape of broadcast TV, sports, live events and commercial production workflows, Laird delivers the most advanced BNC Cable Reels on the market for effectively transmitting 12G-SDI signals up to 325 feet. Utilizing Canare L-5.5CUHD coaxial, these BNC cables are the right choice to future-proof new facility installs in studios and broadcast towers as well as outside broadcast interface applications.

- SMPTE ST-2082-1 Compliant for 12GSDI transmission
- SDI Formats 1.5G, 3G, 6G, 12G
- Maximize Broadcast Signal Integrity
- Transmission Distance: up to 328 Ft 12G
- Flame Resistance UL 1666 Riser
- Military Grade Heavy Duty Reel Features Spool Brake and Neutrik Grounded 4K/8K UHD D-Style Chassis Mount BNC Connector



- LCR-12G-B-B-100** • 100' Reg. \$611.49 **Your Price \$568.95**
- LCR-12G-B-B-150** • 150' Reg. \$684.49 **Your Price \$636.49**
- LCR-12G-B-B-200** • 200' Reg. \$756.95 **Your Price \$703.95**
- LCR-12G-B-B-250** • 250' Reg. \$829.49 **Your Price \$771.95**
- LCR-12G-B-B-328** • 328' Reg. \$942.95 **Your Price \$876.95**

Laird 12G-SDI/4KUHD Single Link rearTWIST BNC to BNC Camera Cable on Reel

Laird BNC cable reels break the 12GHz 4K UHD coax barrier! These next-gen mini-RG59 BNC cable reels are designed to handle 12GHz 4K UHD signals up to 150 feet (3G-SDI up to 310 Feet) and provide the critical link between your switchers, cameras and other 4K video gear.

- Meets ST 2081-1 and ST2082-1 Standards
- Durable 18AWG, Precision Coax Cable
- Superior Pull Strength for Secure Connections
- Maximize Broadcast Signal Integrity
- Transmission Distance: up to 149 feet 12G
- Military Grade Heavy Duty Reel Features Spool Brake and Neutrik Grounded 4K/8K UHD D-Style Chassis Mount BNC Connector



- LCR-RT4855-100** • 100' Reg. \$584.95 **Your Price \$544.49**
- LCR-RT4855-150** • 150' Reg. \$646.49 **Your Price \$601.49**

Laird 15A powerCON TRUE1 Male Chassis to Type A powerCON Chassis Mount Power Coupler

The Laird PAC-T1MMCA is a handy power coupler featuring a 15A powerCON TRUE1 male chassis mount to powerCON Type A connection.

- Rugged Locking Chassis Connectors
- Safe Power Connections
- Neutrik powerCON Chassis Connectors
- 15A Breaker • Voltage: 120VAC/60Hz
- Meet CSA and UL Requirements
- NAC3MPX powerCON TRUE1 Male Chassis to NAC3FCA Blue powerCON



PAC-T1MMCA • **Your Price \$35.95**

CAMPLEX FIBER

Complex Tactical HFO SMPTE Hybrid Fiber Optic Camera Cable Canare FCFA to FCMA

Designed to meet superior strength tactical fiber needs, the Complex FCFFCM-T Series is a lightweight and flexible SMPTE hybrid cable.

- Meets SMPTE 304M and 311M Standards
- Heavy Duty for Harsh Environments
- Crush & Impact Resistant HFO Cable
- Abrasion Resistant Polyurethane Jacket
- Lightweight and Flexible Design
- Machine Polished Fiber Contacts
- Terminations by Canare Certified Technicians
- Electrical Assemblies 100% tested for Continuity and Shorts
- Fiber Optic Assemblies 100% tested for Attenuation and Back Reflection
- Easy Connector Cleaning with Detachable Alignment Sleeve and Insulator



HF-FCFFCM-T-0003 • 3'	Reg. \$833.95	Your Price \$750.49
HF-FCFFCM-T-0006 • 6'	Reg. \$848.49	Your Price \$763.49
HF-FCFFCM-T-0010 • 10'	Reg. \$867.95	Your Price \$780.95
HF-FCFFCM-T-0025 • 25'	Reg. \$939.95	Your Price \$845.95
HF-FCFFCM-T-0050 • 50'	Reg. \$1059.95	Your Price \$953.95
HF-FCFFCM-T-0075 • 75'	Reg. \$1180.49	Your Price \$1062.49
HF-FCFFCM-T-0100 • 100'	Reg. \$1300.49	Your Price \$1170.49
HF-FCFFCM-T-0250 • 250'	Reg. \$2022.49	Your Price \$1819.95
HF-FCFFCM-T-0328 • 328'	Reg. \$2397.49	Your Price \$2157.49
HF-FCFFCM-T-0656 • 656'	Reg. \$3975.49	Your Price \$3577.49
HF-FCFFCM-T-0750 • 750'	Reg. \$4427.49	Your Price \$3984.49
HF-FCFFCM-T-1000 • 1000'	Reg. \$5629.95	Your Price \$5066.95

Laird UHD-2183R Series 4K UHD PoH/PoE Shielded Media Cables

- Laird UHD-2183 series cables lead the industry charge toward 4K HDBaseT content distribution over networks and point to point systems.

- Up to 25% Smaller than Category 7a

- Easy to Bend and Fit into Small Spaces

- Optimized 4K UHD Performance in Harsh Environments up to 328 Feet

- PoE applications to 100W

- 100% Shielding Provides Protection from Noise Interference

- Applications: Full 5-Play, 4K (UHD/DCI), PoE, PoH



UHD-2183R-0005 • 5'	Reg. \$33.49	Your Price \$29.95
UHD-2183R-0010 • 10'	Reg. \$39.49	Your Price \$35.49
UHD-2183R-0025 • 25'	Reg. \$58.49	Your Price \$52.49
UHD-2183R-0050 • 50'	Reg. \$89.49	Your Price \$80.49
UHD-2183R-0100 • 100'	Reg. \$151.49	Your Price \$136.49
UHD-2183R-0150 • 150'	Reg. \$213.95	Your Price \$192.49
UHD-2183R-0200 • 200'	Reg. \$275.95	Your Price \$248.49
UHD-2183R-0250 • 250'	Reg. \$338.49	Your Price \$304.49
UHD-2183R-0300 • 300'	Reg. \$400.49	Your Price \$360.49
UHD-2183R-0328 • 328'	Reg. \$435.49	Your Price \$391.95

NEW FROM NAB 2018 markertek®

MTP/MTP 24 Fiber Field Cable - 50 Meters

The Complex opticalCON MTP/MTP singlemode field cable with 24 fiber Neutrik opticalCON MTP connectors simplifies connections and reduces installation time by running multiple fibers in one cable. This ruggedized Complex cable saves space for field deployable broadcast AV applications and data transmission over singlemode fiber trunks.

- Outdoor field deployable
- Low insertion loss and optimized optical return loss values
- Space saving multi-fiber design reduces cleaning and mating time
- Neutrik opticalCON MTP connectors-lockable & waterproof caps with hinged dust covers
- Cut-proof and rodent-resistant double-jacket
- Available in a variety of lengths.
- Made in the USA



CAMPLEX®	
CMX-OCMTPS24-050 • Singlemode • Reg. \$4995.95	Your Price \$4888.00
CMX-OCMTPM24-050 • Multimode • Reg. \$3050.95	Your Price \$2897.95

Complex Adjustable Fiber Enclosure for 19 or 23-Inch Racks - Holds 12 Modules for up to 288 Fibers

The CMX-MPR-4RU adjustable rackmount fiber optical enclosure fits both 19 & 23-inch racks and holds 12 Modules for up to 288 fiber termination points. Complex rackmount fiber optic enclosures deliver simplified interconnections in video studio, OB truck and IT cabling systems between routing, video extenders and other active equipment. Our low cost fiber patching solutions offer the added benefit of protecting the mechanical connections of your devices and extend the equipment life.

- 4RU Cabinet with Termination Densities from 144 to 288 Fibers
- Toolless Entry with Sliding Tray for Easy Access
- Internal Mounting
- Holes for Cable Tie-Down, Fiber Management, and Splice Tray
- Routing Guides Limit Internal Bend Radius
- Corrosion Resistant Black Powder-Coated Metal Steel Enclosures
- Heavy Duty Metal Construction



CMX-MPR-4RU • Reg. \$169.95	Your Price \$162.95
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CWDM Multiplexer/Demultiplexer with LC Fiber Pigtails

Add additional audio, video or Ethernet fiber lines to an existing fiber run with a Complex CWDM series multiplexer / demultiplexer.



- Use Existing Fiber Infrastructure & Save Conduit Space
- Reduce Fiber Installation & Cleaning Labor
- Bi-Directional & Passive
- Low Insertion Loss & High Channel Isolation
- High Stability & Reliability
- Wide Passband
- Utilize Thin Film Filter & MicroOptics Technology

CAMPLEX®

CMX-CWDM-3C5557 • 3 Channel • Reg. \$472.95	Your Price \$425.95
CMX-CWDM-5C4753 • 5 Channel • Reg. \$777.49	Your Price \$699.95

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

CANARE SMPTE HFO

Markertek is Your Established Volume Manufacturer for Hybrid Camera Cables!

Complex HF-FCFAFCMA series Canare HFO SMPTE hybrid fiber optic camera cables from a Canare certified shop.

Designed for studio and broadcast applications with a polyurethane jacket providing tear resistant characteristics

ensuring superb mechanical strength. Meets the most demanding applications for high-speed uncompressed HD video transmissions over long distances. All assemblies are multi-stage machine polished and tested for <.55db RL. Meets or exceeds SMPTE 304M/311M standards.

The Canare FC Series Hybrid Fiber Optic Connector

Offers easy maintenance with a detachable alignment sleeve and insulator. The quality construction includes a stainless steel tip and solder contacts fixed in the insulation housing. Designed for long life and hassle-free cleaning. Canare HFO SMPTE connectors are LEMO compatible.

Custom lengths & configurations always available!

HF-FCFAFCMA-0006	6 Foot.....	Reg. \$785.95	Your Price \$746.95
HF-FCFAFCMA-0010	10 Foot.....	Reg. \$794.95	Your Price \$755.95
HF-FCFAFCMA-0025	25 Foot.....	Reg. \$785.95	Your Price \$745.95
HF-FCFAFCMA-0050	50 Foot.....	Reg. \$835.95	Your Price \$793.95
HF-FCFAFCMA-0075	75 Foot.....	Reg. \$885.95	Your Price \$841.95
HF-FCFAFCMA-0100	100 Foot.....	Reg. \$907.95	Your Price \$862.95
HF-FCFAFCMA-0164	164 Foot.....	Reg. \$1030.95	Your Price \$978.95
HF-FCFAFCMA-0250	250 Foot.....	Reg. \$1185.95	Your Price \$1126.95
HF-FCFAFCMA-0328	328 Foot.....	Reg. \$1352.95	Your Price \$1284.95
HF-FCFAFCMA-0500	500 Foot.....	Reg. \$1686.95	Your Price \$1601.95
HF-FCFAFCMA-0750	750 Foot.....	Reg. \$2173.95	Your Price \$2064.95
HF-FCFAFCMA-1000	1000 Foot.....	Reg. \$2660.95	Your Price \$2527.95



- Assembled with Premium Canare LF-25M9N 9.2mm SMPTE Camera Cable & Canare Connectors
- Fully Compatible with LEMO 3K Series Connectors
- Industry Standard HFO Camera Cables
- Terminations by Canare Certified Technicians
- Electrical assemblies 100% tested for continuity & shorts
- Fiber optic assemblies 100% tested for attenuation and back reflection
- SMPTE 311M/304M & ARIB Compliant
- Stainless steel assemblies & Rubber dust caps
- 19.4 Mbps to 3 Gbps transport
- Machine polished fiber contacts
- Low insertion and return loss
- Equivalent to All Canare FCC Series HFO Cables

GEPCO SMPTE HYBRID

Complex SMPTE Hybrid FUW Plug to PUW Socket Gepco HDC920 Outside Broadcast SMPTE Fiber Camera Cables

Complex HF-FUWPUW-G series assembled with premium, extra-flexible Gepco HDC920 9.2mm harsh environment outside broadcast SMPTE cable & LEMO 3K connectors. This composite cable integrates power line for TV camera, control line, and optical fiber for video and audio transmission. The cable is standardized by SMPTE for HDTV Broadcast camera use. All assemblies are multi-stage machine polished and tested for <.55db RL. Meets or exceeds SMPTE 304M/311M standards. Built by LEMO trained technicians at our state-of-the-art fiber shop with full repair services available.

Custom lengths & configurations always available!

HF-FUWPUW-G-0010	10 Foot.....	Reg. \$1038.95	Your Price \$946.49
HF-FUWPUW-G-0015	15 Foot.....	Reg. \$935.95	Your Price \$852.49
HF-FUWPUW-G-0025	25 Foot.....	Reg. \$957.49	Your Price \$871.95
HF-FUWPUW-G-0050	50 Foot.....	Reg. \$1011.95	Your Price \$921.95
HF-FUWPUW-G-0075	75 Foot.....	Reg. \$1066.49	Your Price \$971.49
HF-FUWPUW-G-0100	100 Foot.....	Reg. \$1124.95	Your Price \$1020.72
HF-FUWPUW-G-0164	164 Foot.....	Reg. \$1260.49	Your Price \$1147.95
HF-FUWPUW-G-0250	250 Foot.....	Reg. \$1559.95	Your Price \$1420.95
HF-FUWPUW-G-0328	328 Foot.....	Reg. \$1618.49	Your Price \$1473.95
HF-FUWPUW-G-0500	500 Foot.....	Reg. \$1993.49	Your Price \$1815.49
HF-FUWPUW-G-0656	656 Foot.....	Reg. \$2333.49	Your Price \$2125.49
HF-FUWPUW-G-1000	1000 Foot.....	Reg. \$3083.95	Your Price \$2808.49



- Assembled with Premium, Extra-Flexible Gepco HDC920 9.2mm Harsh Environment Outside Broadcast SMPTE Cable & LEMO Connectors
- Industry Standard SMPTE Hybrid Fiber Optic Cables with Stainless Steel Connectors & Overboot Dust Caps
- Terminations by LEMO Certified Technicians
- Electrical Assemblies 100% Tested for Continuity and Shorts
- Fiber Optic Assemblies 100% Tested for Attenuation and Back Reflection
- SMPTE 311M and 304M compliant
- 19.4 Mbps to 3 Gbps Transport
- Machine Polished Fiber Contacts
- Low Insertion and Return Loss
- Complete Diagnostic & Test Evaluation Documentation of Your Cable Assembly Available Upon Request

Contact us for All Your Custom Gepco Needs!

LEMO SMPTE HYBRID

Featuring ultra-precision LEMO machine polished fiber contacts for the most demanding applications for high-speed uncompressed HD video transmissions over long distances. All assemblies multi-stage machine UPC polished and tested for ≤55dB RL with test results (diagnostics) supplied with each cable. Built by LEMO trained technicians at our state-of-the-art fiber shop with full repair services available. Custom lengths & configurations always available!

Furukawa LEMO 3K SMPTE Hybrid Fiber Outside Broadcast Cables by Complex

Assembled with premium Furukawa US Standard SMPTE harsh environment outside broadcast cable. AWM style & recognized by UL, this composite cable integrates power line for TV camera, control line, and optical fiber for video and audio transmission. Rugged, high durability construction. Ultra-high abrasion resistance. Superior load bearing & tensile



HF-FUWPUW-M-0025	25'	Reg. \$949.49	Your Price \$864.95
HF-FUWPUW-M-0050	50'	Reg. \$996.49	Your Price \$907.49
HF-FUWPUW-M-0075	75'	Reg. \$1042.95	Your Price \$949.95
HF-FUWPUW-M-0100	100'	Reg. \$1089.49	Your Price \$992.49
HF-FUWPUW-M-0164	164'	Reg. \$1208.95	Your Price \$1100.95
HF-FUWPUW-M-0250	250'	Reg. \$1364.95	Your Price \$1243.49
HF-FUWPUW-M-0328	328'	Reg. \$1514.95	Your Price \$1379.49
HF-FUWPUW-M-0500	500'	Reg. \$1835.49	Your Price \$1671.49
HF-FUWPUW-M-1000	1000'	Reg. \$2767.95	Your Price \$2520.95
HF-FUWPUW-M-1500	1500'	Reg. \$3698.95	Your Price \$3368.49



CAMPLEX®
FURUKAWA

Belden LEMO 3K SMPTE Hybrid Fiber Flexible Studio Cables by Complex

Assembled with premium Belden/Mohawk super flexible US SMPTE standard studio broadcast cable. This composite cable integrates power line for TV camera, control line, and optical fiber for video and audio transmission. Cables consists of two single-mode optical fibers, four 20 AWG and two 24 AWG tinned copper conductors cabled around a steel strength element, with an overall tinned copper braid.

HF-FUWPUW-S-0025	25'	Reg. \$937.95	Your Price \$853.95
HF-FUWPUW-S-0050	50'	Reg. \$980.49	Your Price \$892.95
HF-FUWPUW-S-0075	75'	Reg. \$1022.49	Your Price \$930.95
HF-FUWPUW-S-0100	100'	Reg. \$1063.49	Your Price \$968.95
HF-FUWPUW-S-0164	164'	Reg. \$1171.49	Your Price \$1066.95
HF-FUWPUW-S-0250	250'	Reg. \$1315.49	Your Price \$1197.95
HF-FUWPUW-S-0328	328'	Reg. \$1446.95	Your Price \$1317.49
HF-FUWPUW-S-0500	500'	Reg. \$1735.49	Your Price \$1580.49



CAMPLEX®
BELDEN

Complex Bend Insensitive Low Profile SMPTE Fiber Camera Cables

Lightweight, flexible, and rugged Complex Mini 7.8mm SMPTE 311 camera cable features 16AWG robust power conductors for high performance in portable applications. Ideal for portable deployments for truck and camera connections when facing weight and space constraints, these assemblies are much smaller and lighter than traditional 9.2mm steel strength member cables.

Model	Length	Your Price
HF-FUWPUW-7-0006	6 Foot	\$839.49
HF-FUWPUW-7-0010	10 Foot	\$848.95
HF-FUWPUW-7-0015	15 Foot	\$858.49
HF-FUWPUW-7-0025	25 Foot	\$882.49
HF-FUWPUW-7-0050	50 Foot	\$941.49
HF-FUWPUW-7-0075	75 Foot	\$1000.95
HF-FUWPUW-7-0100	100 Foot	\$1060.49

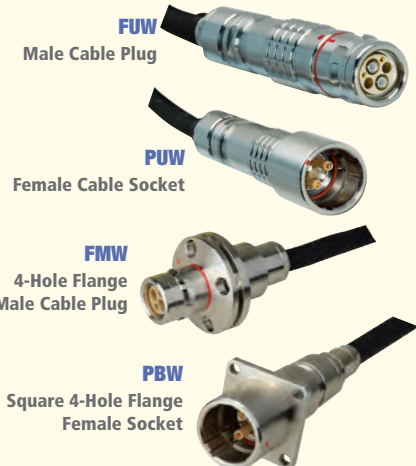
CAMPLEX®
Brand Fiber Gear



LEMO®
CERTIFIED

- Assembled with Belden & Furukawa Premium SMPTE Hybrid Fiber Cable & LEMO 3K Connectors
- Industry standard cables
- Terminations by LEMO certified technicians
- Fiber optic assemblies 100% tested for attenuation and UPC back reflection
- SMPTE 311M and 304M compliant
- Stainless steel assemblies
- Rubber dust caps
- 19.4 Mbps to 3 Gbps transport
- Machine polished fiber contacts
- Low insertion and return loss (Documented)
- All lengths also available with built-in cable reel

All LEMO 3K.93C SMPTE 311M HDTV hybrid camera cables can also be terminated with the following connectors. Visit our website for a complete listing of our full SMPTE hybrid camera cable line.



Contact us for All Your
Custom SMPTE Hybrid
Fiber Needs!

**Complex 2 Channel ST/2 Channel LC Singlemode Fiber
& 3 Channel XLR Audio ENG Tactical Hybrid Reel***The Industry's Only Single ENG Fiber/Audio Hybrid Camera Snake Reel Solution!*

Provides 2-Channels of fiber optic singlemode ST and 2-Channels of singlemode LC connections for camera send and receive in addition to three (3) balanced XLR lines for audio and intercom. Designed for the demanding use of ENG deployment and ideal for any camera utilizing a portable SDI over fiber field transmission system with fiber connectors.

- 2 ST & 2 LC Singlemode Fiber Channels • Balanced XLR Audio Channels
- Designed for ENG Outside Broadcast & Live Events
- Complex ENG Prespooled Tactical Fiber Snake
- Lightweight & Rugged Metal Hannay Reel with 3-position Cam-Lock Brake

CAMPLEX®**NEW!**

Model	Length (ft.)	Price
HF-ENG4STLC-0250	250	\$1694.95
HF-ENG4STLC-0500	500	\$2374.95
HF-ENG4STLC-0750	750	\$2551.95

Complex Singlemode ProTac Fiber Optic Snake Reels*Extremely Rugged & Lightweight Tactical Fiber Snakes Designed for Broadcast & Pro-AV Applications!*

Tactical fiber cable reels designed for Broadcast & Pro-AV deployments and manufactured to meet all outdoor rated crush and impact resistant applications. The tough Thermoplastic Polyurethane Core-Locked design is perfect for any situation where ordinary PVC jacket cables do not provide adequate protection in the field. Featuring Senko LC or ST premium fiber connectors. All assemblies are machine polished and interferometer tested to industry standards. All products are 100% tested and a complete set of test documentation of your cable is available upon request.

- Complex Tactical Cable & Senko Heavy Duty Connectors with Dust Caps
- Broadcast Deployable
- Indoor/Outdoor rated jacket.
- Typical RL <-55dB and IL<0.25dB.
- Wide temperature range (typically -55°C to 85°C)
- 500um primary acrylate buffer with 900um secondary hard buffer
- Excellent crush and impact resistance due to their polyurethane Core-Locked outer jacket
- Designed to withstand crush and impact after deployment
- Strong, lightweight and extremely durable cable

CAMPLEX®**PROTAC****Part Number Ordering Guide**

Channels	Connectors	Length (Ft)
CMX -		
TR02	ST	0250
TR04	LC	0500
TR08		0750
TR12	*Inquire about opticalCON, TFOCA & Other Connectors	1000
		1250
		1500
Example: CMX-TR08ST-1500		1750
8-Channel ST Snake Reel 1500 Foot		2000

Complex Singlemode ProTac Fiber Optic Snake Reels

All prices below INCLUDE fiber optic cable reel with unique connector protection cavity and hinged latching door.

Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$399.95	\$539.95	\$1099.95	\$1149.95	\$1329.95	\$1499.95	\$1644.95	\$1799.95
4	\$506.95	\$799.95	\$1323.95	\$1445.95	\$1765.95	\$1983.95	\$2233.95	\$2399.95
8	\$749.95	\$1359.49	\$1749.95	\$2179.95	\$2349.95	\$2899.95	\$3229.95	\$3339.95
12	\$829.95	\$1599.95	\$1899.95	\$2299.95	\$2579.95	\$2999.95	\$3379.95	\$3550.49

Check this out**Heavy Duty Crush Resistant Tube with Pulling Eye****Complex ProTac Field Snakes***The Ultimate Fiber Optic OB & ENG Tactical Snake!*

The Complex ProTac tactical snake is a special ruggedized version of our popular fiber optic snakes featuring a translucent, crush resistant, reusable protective tube for pulling and field deployment. The ProTac series offers maximum critical protection where it's needed most, at the Connector and Fan-Out area. Fan-outs are safely housed in the ProTac cover and the cover has a convenient pulling eye. Designed for maximum protection, the ProTac fiber deployment reel system is IP68 rated with the pulling sock is installed. The pulling eye and tactical sleeve protect fiber and connectors by transferring the tensile or pulling force to the cable structure.

4-Channel ProTac Reels

HF-TRP04LC-0500	500 Foot, 4-Channel LC.....	Reg. \$1333.95	Your Price \$1267.95
HF-TRP04LC-1000	1,000 Foot, 4-Channel LC.....	Reg. \$1740.95	Your Price \$1653.95
HF-TRP04ST-0500	500 Foot, 4-Channel ST.....	Reg. \$1341.95	Your Price \$1274.95
HF-TRP04ST-1000	1,000 Foot, 4-Channel ST.....	Reg. \$1740.95	Your Price \$1653.95

12-Channel ProTac Reels

HF-TRP12LC-0500	500 Foot, 12-Channel LC.....	Reg. \$2374.95	Your Price \$2255.95
HF-TRP12LC-1000	1,000 Foot, 12-Channel LC.....	Reg. \$4330.95	Your Price \$4113.95
HF-TRP12ST-0500	500 Foot, 12-Channel ST.....	Reg. \$2375.95	Your Price \$2256.95
HF-TRP12ST-1000	1,000 Foot, 12-Channel ST.....	Reg. \$4331.95	Your Price \$4114.95

CAMPLEX®**PROTAC**

CAMPLEX® Complex Simplex Singlemode 24-Channel Fiber Optic Tactical Cables

- Tactical grade 24-Channel LC Fiber Optic Snakes built with rugged fanouts to meet outdoor rated crush and impact resistant cable requirements.
- Perfect for applications requiring redundancy.
- Designed for multiple deployments for field production in outside broadcast, rental houses and more.
- Highly flexible tight-buffered tactical cables with internal aramid strength members for crush resistance and a polyurethane outer sheath.
- Cables are complete end-to-end tactical grade where fanout channels are covered with tactical grade polyurethane furcation tubing.



24 Channel
Tactical!

NEW!



Complex Singlemode Tactical Fiber Optic Snake Reels

All prices below INCLUDE fiber optic cable reel with unique connector protection cavity and hinged latching door.

Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$531.95	\$672.95	\$871.95	\$1350.95	\$1510.95	\$1592.95	\$1770.95	\$2877.95
4	\$640.95	\$853.95	\$1488.95	\$1764.95	\$1944.95	\$2220.95	\$2497.95	\$3012.95
8	\$863.95	\$1737.95	\$2251.95	\$2669.95	\$3202.95	\$3717.95	\$4231.95	\$4439.95
12	\$1203.95	\$2205.95	\$2929.95	\$3557.95	\$4299.95	\$5023.95	\$5747.95	\$5883.95

CAMPLEX®

Part Number Ordering Guide

Example: HF-TR08ST-1500

8-Channel ST Snake Reel 1500 Foot

*Inquire about opticalCON, TFOCA & Other Connectors

Channels	Connectors	Length (Ft)
HF -		
TR02	ST	0250 1250
TR04	LC	0500 1500
TR08		0750 1750
TR12		1000 2000

Cable Reel
Included!

Complex Multimode Orange OM1 62.5 Micron Tactical Fiber Optic Snake Reels

All prices below INCLUDE fiber optic cable reel with unique connector protection cavity and hinged latching door.

Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$556.95	\$827.95	\$897.95	\$1728.95	\$1983.95	\$2217.95	\$2547.95	\$2877.95
4	\$723.95	\$1155.95	\$1942.95	\$2371.95	\$2516.95	\$2956.95	\$3577.95	\$4017.95
8	\$1437.95	\$2707.95	\$3737.95	\$4745.95	\$5748.95	\$6779.95	\$7809.95	\$8839.95
12	\$1944.95	\$2741.95	\$3771.95	\$4779.95	\$5782.95	\$6812.95	\$7843.95	\$8714.95v

CAMPLEX®

Part Number Ordering Guide

Example: HF-TR04STM1-1500

1500 Foot 4-Channel ST Multi Mode OM1 Snake Reel

*Inquire about TFOCA & Other Connectors

Channels	Connectors	Length (Ft)
HF -		
TR02	ST	0250 1250
TR04	LC	0500 1500
TR08		0750 1750
TR12		1000 2000

Cable Reel
Included!

Complex Multimode Aqua OM3 50 Micron 10-Gig Tactical Fiber Optic Snake Reels

All prices below INCLUDE fiber optic cable reel with unique connector protection cavity and hinged latching door.

Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$741.95	\$1390.95	\$1942.95	\$2853.95	\$2644.95	\$2956.95	\$3396.95	\$3836.95
4	\$1028.95	\$1761.95	\$2424.95	\$3344.95	\$3976.95	\$4742.95	\$5438.95	\$6122.95
8	\$1394.95	\$3239.95	\$4206.95	\$5371.95	\$6529.95	\$7716.95	\$8902.95	\$10089.95
12	\$1850.95	\$3057.95	\$4244.95	\$5408.95	\$6567.95	\$7754.95	\$8941.95	\$9968.95

CAMPLEX®

Part Number Ordering Guide

Example: HF-TR04STM3-1500

1500 Foot 4-Channel ST Multi Mode OM3 Snake Reel

Channels	Connectors	Length (Ft)
HF -		
TR02 TR08	ST	0250
TR04 TR12	LC	2000

Cable Reel
Included!



Complex Simplex Singlemode APC Fiber Optic Tactical Adapter Cables*Quickly Adapt any APC Fiber Connection to Stand UPC!*

Quickly change your Singlemode tactical fiber cables between connector varieties as Well As APC & UPC polished ends. By utilizing TAC 1 cable from OCC, Complex tactical fiber adapters are field tough so you can confidently adapt your cables with reliable components saving time and money on site productions or permanent installs. Available in every possible variety to adapt LC, SC or ST connections.

**CAMPLEX®**

Model		Your Price
HF-SM-ASCF-STM	APC SC-F to UPC ST-M	\$28.95
HF-SM-ASCF-SCM	APC SC-F to UPC SC-M	\$29.95
HF-SM-ASCF-LCM	APC SC-F to UPC LC-M	\$28.95
HF-SM-ASCF-ALCM	APC SC-F to APC LC-M	\$29.95
HF-SM-ALCF-STM	APC LC-F to UPC ST-M	\$30.95
HF-SM-ALCF-SCM	APC LC-F to UPC SC-M	\$30.95
HF-SM-ALCF-LCM	APC LC-F to UPC LC-M	\$30.95
HF-SM-ALCF-ASCM	APC LC-F to APC SC-M	\$30.95

CAMPLEX®**Complex Multimode LC Fiber Optic Splitter Cables**

A Complex exclusive 1x3 fiber optic passive splitter. Multimode fused splitters offer a handy solution to split optical signal for routing to multiple devices, inputs or patch panels when used with a Neutrik NZPFD-2. 1x3 splitters provide 100-33/33/33 split. Multimode splitters are designed to operate with 850nm and/or 1300nm.



CMX-MM1X3LC-001

FEATURES:

- Multimode fused optical splitter
- LC fiber assemblies split 1 signal into 2 or 3 signals
- 1x3 offer 100 to 33/33/33 split
- 1x2 offer 100 to 50/50 split
- Splits optical signal for routing to multiple devices
- Operate with 850nm and/or 1300nm
- Can be used with Neutrik NZPFD-2

1x2 Splitter Cables

CMX-MM1X2LC-001	1 Foot.....	Your Price \$223.95
CMX-MM1X2LC-002	2 Foot.....	Your Price \$223.95
CMX-MM1X2LC-003	3 Foot.....	Your Price \$223.95
CMX-MM1X2LC-006	6 Foot.....	Your Price \$223.95

1x3 Splitter Cables

CMX-MM1X3LC-001	1 Foot.....	Your Price \$277.95
CMX-MM1X3LC-002	2 Foot.....	Your Price \$277.95
CMX-MM1X3LC-003	3 Foot.....	Your Price \$277.95

Complex Tactical Fiber Adapter Cables

Quickly change your tactical fiber cables between LC, SC or ST connections with these clever adapter cables from Complex. By utilizing TAC 1 cable from OCC, Complex tactical fiber adapters are field tough so you can confidently adapt your cables with reliable components saving time and money on site productions or permanent installs.

CAMPLEX®**1 Foot Singlemode Adapter Cables**

HF-SM-STF-LCM	ST Female to LC Male.....	Your Price \$27.95
HF-SM-STF-SCM	ST Female to SC Male	Your Price \$27.95
HF-SM-LCF-SCM	LC Female to SC Male	Your Price \$28.95
HF-SM-LCF-STM	LC Female to ST Male.....	Your Price \$27.95
HF-SM-SCF-LCM	SC Female to LC Male.....	Your Price \$27.95
HF-SM-SCF-STM	SC Female to ST Male	Your Price \$27.95

1 Foot OM1 Multimode Adapter Cables

HF-M1-STF-LCM	ST Female to LC Male.....	Your Price \$27.95
HF-M1-STF-SCM	ST Female to SC Male	Your Price \$37.95
HF-M1-LCF-SCM	LC Female to SC Male	Your Price \$27.95
HF-M1-LCF-STM	LC Female to ST Male.....	Your Price \$27.95
HF-M1-SCF-LCM	SC Female to LC Male.....	Your Price \$26.95
HF-M1-SCF-STM	SC Female to ST Male	Your Price \$26.95

1 Foot OM3 Multimode Adapter Cables

HF-M3-LCF-SCM	LC Female to SC Male.....	Your Price \$27.95
HF-M3-LCF-STM	LC Female to ST Male.....	Your Price \$27.95
HF-M3-STF-LCM	ST Female to LC Male.....	Your Price \$27.95
HF-M3-STF-SCM	ST Female to SC Male	Your Price \$26.95
HF-M3-SCF-LCM	SC Female to LC Male.....	Your Price \$25.95
HF-M3-SCF-STM	SC Female to ST Male	Your Price \$25.95

Complex Singlemode LC Fiber Optic Splitter Cables

A Complex exclusive 1x3 fiber optic passive splitter. Singlemode fused splitters offer a handy solution to split optical signal for routing to multiple devices, inputs or patch panels when used with a Neutrik NZPFD-2. 1x3 splitters provide 100-33/33/33 split. Designed to operate with 1310nm and/or 1550nm bands. Note: These assemblies are not for combining optical signals, however, they can be used as alternate inputs when accounting for optical budget losses.

FEATURES:

- Singlemode fused optical splitter
- LC fiber assemblies split 1 signal into 2 or 3 signals
- 1x3 offer 100 to 33/33/33 split
- 1x2 offer 100 to 50/50 split
- Splits optical signal for routing to multiple devices
- Operates with 1310nm and/or 1550nm bands
- Can be used with Neutrik NZPFD-2

1x2 Splitter Cables

CMX-SM1X2LC-001	1 Foot.....	Your Price \$235.95
CMX-SM1X2LC-002	2 Foot.....	Your Price \$235.95
CMX-SM1X2LC-003	3 Foot.....	Your Price \$235.95
CMX-SM1X2LC-006	6 Foot.....	Your Price \$235.95

1x3 Splitter Cables

CMX-SM1X3LC-001	1 Foot.....	Your Price \$291.95
CMX-SM1X3LC-002	2 Foot.....	Your Price \$291.95
CMX-SM1X3LC-003	3 Foot.....	Your Price \$291.95

FEATURES:

- Male to Female Adapter Design Using Military TAC1 Ruggedized Cable & High Quality Senko Connectors
- Allows Quick Changes Between LC and SC Multimode Cables
- Save Time and Expense - Avoid by Keeping Your Existing Fiber Cables
- Polished to Industry Standards for GR-326 Core with Typical RL and IL (<0.5dB and -55dB)



HF-SM-LCF-SCM

HF-SM-STF-SCM

HF-M1-STF-SCM

HF-M3-SCF-LCM



CMX-SM1X2LC-001

CMX-MM1X3LC-001

CAMPLEX®

CAMPLEX TACTICAL FIBER NEW FROM markertek®

CAMPLEX® Complex Singlemode Tactical Fiber Optic Snakes (No Reel)



Ruggedized multi-channel fiber optic cables designed to meet military tactical deployment requirements in field production, outside broadcast, rental houses & more. Highly flexible tight-buffered tactical cables with internal aramid strength members for crush resistance in high traffic areas and a polyurethane outer sheath designed to withstand crushing by both military tanks and Outside Broadcast vehicles. Custom lengths & configurations always available.

Channels	Connectors	Length (Ft)
HF-		
TS02	ST	0250
TS04	LC	0500
TS08	*Inquire about opticalCON, TFOCA & Other Connectors	0750
TS12		1000
		1250
		1500
		1750
Example: HF-TS08ST-1000		2000
1000 Foot 8-Channel ST Single Mode Snake		

Quantity Discounts & Custom Configurations Available!



**LET MARKERTEK CUSTOM BUILD
ALL YOUR FIBER OPTIC CABLES
TO YOUR EXACT SPECS!**

Fiber Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$286.95	\$484.95	\$682.95	\$880.95	\$1078.95	\$1276.95	\$1473.95	\$1671.95
4	\$383.95	\$659.95	\$936.95	\$1212.95	\$1488.95	\$1764.95	\$2040.95	\$2317.95
8	\$670.95	\$1184.95	\$1699.95	\$2213.95	\$2727.95	\$3242.95	\$3756.95	\$4270.95
12	\$929.95	\$1653.95	\$2377.95	\$3100.95	\$3824.95	\$4548.95	\$5272.95	\$5996.95

CAMPLEX® Complex Single Channel Tactical Fiber Cables

These cables are designed for Military Tactical deployment applications and meets all outdoor tactical needs for broadcast applications requiring an outdoor rated crush and impact resistant design. The tough Polyurethane Core-Locked design is perfect for any situation where ordinary PVC jacket cables do not provide adequate protection in the field. Featuring Senko ST and LC premium fiber connectors. All assemblies are machine polished and 100% interferometer tested to industry standards.

	Singlemode	Your Price	Multimode OM1	Your Price	Multimode OM3 (10-Gig)	Your Price
10'	HF-T1SM-**-0010	\$54.95	HF-T1M1-**-0010	\$45.95	HF-T1M3-**-0010	\$56.95
25'	HF-T1SM-**-0025	\$62.95	HF-T1M1-**-0025	\$56.95	HF-T1M3-**-0025	\$69.95
50'	HF-T1SM-**-0050	\$79.95	HF-T1M1-**-0050	\$77.95	HF-T1M3-**-0050	\$93.95
75'	HF-T1SM-**-0075	\$95.95	HF-T1M1-**-0075	\$98.95	HF-T1M3-**-0075	\$116.95
100'	HF-T1SM-**-0100	\$112.95	HF-T1M1-**-0100	\$119.95	HF-T1M3-**-0100	\$139.95
164'	HF-T1SM-**-0164	\$154.95	HF-T1M1-**-0164	\$183.95	HF-T1M3-**-0164	\$199.95
250'	HF-T1SM-**-0250	\$210.95	HF-T1M1-**-0250	\$255.95	HF-T1M3-**-0250	\$280.95
328'	HF-T1SM-**-0328	\$261.95	HF-T1M1-**-0328	\$318.95	HF-T1M3-**-0328	\$353.95
500'	HF-T1SM-**-0500	\$374.95	HF-T1M1-**-0500	\$464.95	HF-T1M3-**-0500	\$514.95
656'	HF-T1SM-**-0656	\$477.95	HF-T1M1-**-0656	\$594.95	HF-T1M3-**-0656	\$659.95
1000'	HF-T1SM-**-1000	\$703.95	HF-T1M1-**-1000	\$882.95	HF-T1M3-**-1000	\$981.95

**Add ST or LC Connector Choice

**Add ST or LC Connector Choice

**Add ST or LC Connector Choice



CAMPLEX® Complex Simplex Singlemode APC Fiber Optic Tactical Adapter Cables

Complex now offers APC standard cables as well as the convenience of APC to UPC fiber adapter cables both offered in a rugged Military Tactical deployment cable. Features the same tactical used in broadcast applications requiring an outdoor rated crush and impact resistant design. The tough Polyurethane Core-Locked design is perfect for any situation where ordinary PVC jacket cables do not provide adequate protection in the field. Featuring Senko ST and LC premium fiber connectors. All assemblies are machine polished and 100% interferometer tested to industry standards. All products shipped with a complete set of test documentation.



Singlemode APC LC to APC LC

50'	HF-T1ALCALC-0050	Your Price \$80.95
100'	HF-T1ALCALC-0100	Your Price \$113.95
250'	HF-T1ALCALC-0250	Your Price \$211.95
500'	HF-T1ALCALC-0500	Your Price \$375.95

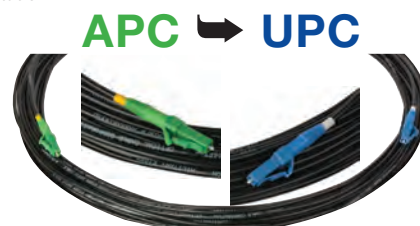
CAMPLEX® *Other Lengths Available
- Please contact sales



Singlemode APC SC to APC SC

50'	HF-T1ASCASC-0050	Your Price \$80.95
100'	HF-T1ASCASC-0100	Your Price \$113.95
250'	HF-T1ASCASC-0250	Your Price \$211.95
500'	HF-T1ASCASC-0500	Your Price \$375.95

CAMPLEX® *Other Lengths Available
- Please contact sales



Singlemode APC LC to UPC LC

50'	HF-T1ALCLC-0050	Your Price \$79.95
100'	HF-T1ALCLC-0100	Your Price \$112.95
250'	HF-T1ALCLC-0250	Your Price \$211.95
500'	HF-T1ALCLC-0500	Your Price \$375.95

CAMPLEX® *Other Lengths Available
- Please contact sales

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

opticalCON X-Treme Cables

- Featuring Belden's Dual PUR jacket & rodent inhibitor layer, Extreme cables are manufactured to withstand the most extreme and harsh outdoor environments like touring / rental or outdoor broadcast

- opticalCON multimode fiber cables offer laser and bend optimized OM3 fibers

- Offering a cut-proof and rodent resistant double jacket glass yarn armored cable construction

- Dust and water resistant according to IP65 in mated condition


X-Treme Singlemode DUO Cable

HF-OC2SX-0100	100'	\$854.95
HF-OC2SX-0250	250'	\$1047.95
HF-OC2SX-0500	500'	\$1368.95

X-Treme Multimode DUO Cable

HF-OC2MX-0100	100'	\$873.95
HF-OC2MX-0250	250'	\$1087.95
HF-OC2MX-0500	500'	\$1444.95

X-Treme Singlemode QUAD Cable

HF-OC4SX-0100	100'	\$985.95
HF-OC4SX-0250	250'	\$1194.95
HF-OC4SX-0500	500'	\$1542.95

X-Treme Multimode QUAD Cable

HF-OC4MX-0100	100'	\$1000.95
HF-OC4MX-0250	250'	\$1232.95
HF-OC4MX-0500	500'	\$1619.95

X-Treme Singlemode DUO Cable Reel

HF-TROC2SX-0100	100'	\$1043.95
HF-TROC2SX-0250	250'	\$1361.95
HF-TROC2SX-0500	500'	\$1741.95

X-Treme Multimode DUO Cable Reel

HF-TROC2MX-0100	100'	\$1111.95
HF-TROC2MX-0250	250'	\$1460.95
HF-TROC2MX-0500	500'	\$1773.95

X-Treme Singlemode QUAD w/Reel

HF-TROC4SX-0100	100'	\$1043.95
HF-TROC4SX-0250	250'	\$1666.95
HF-TROC4SX-0500	500'	\$2365.95

X-Treme Multimode QUAD w/Reel

HF-TROC4MX-0100	100'	\$1193.95
HF-TROC4MX-0250	250'	\$1515.95
HF-TROC4MX-0500	500'	\$2040.95

opticalCON Sealing Covers

Drop down or stage boxes and certain outdoor devices can benefit from additional protection of the opticalCON chassis connectors. The sealing dust cover encloses the entire shutter group and completely protects the interior from pollutant & ingress of water.

SCD-NC • Rubber • **Your Price \$16.32**

SCNO-FDW-A • Metal • **Your Price \$20.80**

Clear Spring-Loaded Cover IP65 Rated

Spring-loaded cover shuts automatically after unplugging the cable connector and seals the chassis connectors against dust and water to IP65. Fits all D-size chassis connectors. **SCCD-W • Your Price \$12.35**

opticalCON Dust Caps

Hinged cover seals D-size chassis connectors from water, dust and dirt in unmated condition according to IP42. It is available in different colors.

SCDX	Black	Your Price \$1.62
SCDX-5	Green (indicates single-mode APC)	Your Price \$1.57
SCDX-6	Blue (indicates single-mode PC)	Your Price \$1.57
SCDX-9	White (e.g. wall outlet)	Your Price \$1.57

opticalCON Color Coding Rings

Color coding ring for opticalCON cable and chassis connectors (SCNO-FDW-R) **NOR-* • Your Price \$3.26**

*Color coding: NOR-0 = black; NOR-1 = brown; NOR-2 = red; NOR-3 = orange; NOR-4 = yellow; NOR-5 = green; NOR-6 = blue; NOR-7 = violet; NOR-8 = gray; NOR-9 = White

opticalCON Sealing Gaskets

The SCDP sealing gasket provides a dust and water resistant assembly for all D-shape chassis connectors to front panels. **SCDP-* • Your Price \$2.70**

*Color coding: 0-BLACK; 2-RED; 4-YELLOW; 5-GREEN; 6-BLUE; 9-WHITE

opticalCON FIBER


Neutrik opticalCON Chassis Connectors


Ruggedized & dirt-protected 2-Channel & 4-channel feed-through LC • Shutter with silicon gasket protects optical connection from dust & dirt • Dust and water resistant according to IP65 in mated condition • Connection on the front side either by rugged opticalCON or standard LC

connector - rear side by standard LC • Color-coded rubber sealing gasket SCDP-* (sold separately below) help identify fiber mode • Standard D size shell and Push-Pull locking mechanism.

NO2-4FDW-A Black finish **\$83.49**

NO2-4FDW-1-A Black finish, 1 shell ground contact (SMPTE cable shield) **\$92.08**

NO4FDW-A opticalCON Quad Chassis Connector **\$76.71**

NO12FDW-A opticalCON MTP Chassis Connector **\$149.33**

Weather Resistant opticalCON Couplers

IP65 Weatherproof opticalCON DUO coupler (adapter) LC-Duplex for cable extensions with 4 copper wires (DUO) or Two Duplex LC (Quad).



Fiber Mode	Multimode PC	Singlemode PC	Singlemode APC
Color Code	Black	Blue	Green
DUO #	NAO2M-H1W-A	NAO2S-H1W-A	NAO2SA-H1W-A
Your Price	\$318.56	\$353.45	\$364.31
QUAD #	NAO4MW-A		NAO4SAW-A
Your Price	\$375.32		\$449.24

opticalCON 30° Angled Rack Panel

The 30° forward-turned angled 19" panel for racks in demanding environments protects the installed receptacles well against the ingress of dirt and water. 12 D-shape cutouts with M3 threaded fastening holes.



NZP1RU-12 • \$70.80

opticalCON Rack Panel Frames

Space saving design, ideal for cramped rack applications such as OB truck I/O panels • Best cable bend protection for mated cables due to 45° angled outlet position • Frame can be equipped with different plates • Plates can be mounted horizontal in the 1RU frame or vertical in the 3RU frame



NZPF1RU • 1RU • \$123.66

NZPF3RU • 3RU • \$191.82

opticalCON Panel Frames

The blank NZPFD plates can be loaded with opticalCON DUO or QUAD chassis connectors as well as any D-Mount connector

NZPFD • 1 Connector • \$16.10

NZPFD-2 • 2 Connectors • \$35.73

NZPFD-4ST • 1 opticalCON & 4 ST • \$48.69

opticalCON Pulling Socks

The pulling sock is available as single and split versions. Simplifies the installation at a pulling force > 100 kg. The advanced pulling solution offers an optimal protection for the cable connectors in harsh environment.



FOPS-SINGLE For standard opticalCON Cable Assembly .. **Your Price \$45.43**

FOPS-SPLIT For triple/power split Cable Assembly **Your Price \$55.99**

Markertek

is your factory trained & certified Neutrik opticalCON fiber optic assembly shop serving the needs of broadcasters, integrators and dealers. Our state-of-the-art fiber lab can quickly fabricate assemblies, breakouts, panels, wall boxes and more. The Neutrik opticalCON Advanced fiber optic connector system is fast becoming a broadcast and pro-audio standard for an extremely robust hybrid and multichannel fiber optic connection.



NEUTRIK®
opticalCON
ADVANCED



NEUTRIK® opticalCON DUO

The opticalCON system is based on LC-Duplex connectors but eliminates its weakness and guarantees a safe, dust protected and rugged connection. Being compatible to conventional LC connectors the opticalCON DUO offers the choice of using cost effective LC cables or the rugged opticalCON cable assembly for mobile applications. The opticalCON DUO is the ideal solution for equipment connections and system integration offering LC compatibility on chassis connector front and rear.

opticalCON DUO 2-Channel Field Cables

Assembled 2 fibers rugged and lightweight mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in multi- and single mode (PC or APC), military approved.

opticalCON DUO to opticalCON DUO Cable			opticalCON DUO Cable with Tac Reel		
100'	HF-OC2S-0100	\$774.95	HF-TROC2S-0100	\$1000.95	
164'	HF-OC2S-0164	\$826.95	HF-TROC2S-0164	\$1052.95	
250'	HF-OC2S-0250	\$895.95	HF-TROC2S-0250	\$1118.95	
328'	HF-OC2S-0328	\$959.95	HF-TROC2S-0328	\$1179.95	
500'	HF-OC2S-0500	\$1099.95	HF-TROC2S-0500	\$1309.95	
656'	HF-OC2S-0656	\$1226.95	HF-TROC2S-0656	\$1527.95	
1000'	HF-OC2S-1000	\$1505.95	HF-TROC2S-1000	\$1754.95	

opticalCON DUO SMPTE Cables

Preassembled SMPTE cable with 2 single-mode fibers (PC or APC), 2xAWG24 and 2xAWG16 (or 4xAWG20) stranded copper conductors, overall copper-braided shield and stainless steel strength member, strong black PUR outer jacket for abrasion resistance.

SMPTE Hybrid Cables for Indoor Powered Applications
ENG/SNG Low Voltage Camera SM Hybrid Cables



HF-TROCSMTP-0100

opticalCON DUO SMPTE Cable			opticalCON SMPTE Cable with Tac Reel		
100'	HF-OCSMPT-0100	\$1027.95	HF-TROCSMTP-0100	\$1261.95	
164'	HF-OCSMPT-0164	\$1151.95	HF-TROCSMTP-0164	\$1393.95	
250'	HF-OCSMPT-0250	\$1319.95	HF-TROCSMTP-0250	\$1740.95	
328'	HF-OCSMPT-0328	\$1471.95	HF-TROCSMTP-0328	\$2160.95	
500'	HF-OCSMPT-0500	\$1807.95	HF-TROCSMTP-0500	\$2616.95	
656'	HF-OCSMPT-0656	\$2112.95	HF-TROCSMTP-0656	\$2726.95	
1000'	HF-OCSMPT-1000	\$2783.95	HF-TROCSMTP-1000	\$3222.95	



opticalCON to ST & LC Breakout Cables

Singlemode DUO to ST Breakout

HF-OC2S-ST-18IN 18".....\$396.95

Multimode DUO to ST Breakout

HF-OC2M-ST-06IN 6".....\$398.95

HF-OC2M-ST-12IN 12".....\$398.95

HF-OC2M-ST-18IN 18".....\$399.95

Singlemode QUAD to ST Breakout

HF-OC4S-ST-18IN 18".....\$431.95

Multimode QUAD to ST Breakout

HF-OC4M-ST-18IN 18".....\$450.95



NEUTRIK® opticalCON QUAD

The opticalCON system is based on LC connectors but eliminates its weakness and guarantees a safe, dust protected and rugged connection. The opticalCON QUAD is based on the proven opticalCON DUO connection system but with four channels it is optimized for Point-to-Point interconnections and multi-channel routing applications. The system copes with the increasing need for fiber optic channels.

opticalCON QUAD 4-Channel Singlemode Field Cable

Assembled, rugged and lightweight 4-channel mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in single and multi mode (PC or APC).

opticalCON QUAD to opticalCON QUAD Cable			opticalCON QUAD Cable with Tac Reel		
100'	HF-OC4S-0100	\$850.95	HF-TROC4S-0100	\$1077.95	
164'	HF-OC4S-0164	\$917.95	HF-TROC4S-0164	\$1149.95	
250'	HF-OC4S-0250	\$1034.92	HF-TROC4S-0250	\$1228.95	
328'	HF-OC4S-0328	\$1088.95	HF-TROC4S-0328	\$1318.95	
50'	HF-OC4S-0500	\$1268.95	HF-TROC4S-0500	\$1479.95	
656'	HF-OC4S-0656	\$1431.95	HF-TROC4S-0656	\$1720.95	
1000'	HF-OC4S-1000	\$1790.95	HF-TROC4S-1000	\$2015.95	

opticalCON QUAD 4-Channel Multimode Field Cable

Assembled, rugged and lightweight 4-channel mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in single and multi mode (PC or APC).



opticalCON QUAD to opticalCON QUAD Cable			opticalCON QUAD Cable with Tac Reel		
HF-OC4M-0100	100'.....	\$922.95	HF-TROC4M-0100	100'....	\$1105.95
HF-OC4M-0164	164'.....	\$1013.95	HF-TROC4M-0164	164'....	\$1199.95
HF-OC4M-0250	250'.....	\$1135.95	HF-TROC4M-0250	250'....	\$1301.95
HF-OC4M-0328	328'.....	\$1246.95	HF-TROC4M-0328	328'....	\$1402.95
HF-OC4M-0500	500'.....	\$1490.95	HF-TROC4M-0500	500'....	\$1627.95
HF-OC4M-0656	656'.....	\$1711.95	HF-TROC4M-0656	656'....	\$1908.95
HF-OC4M-1000	1000'.....	\$2200.95	HF-TROC4M-1000	1000'..	\$2296.95

opticalCON DUO Multimode Tactical Cables

Multimode DUO Tactical assemblies are extra rugged. Tactical cable has 2 multi-mode fibers, and aramid yarn as cable retention and strength member. The opticalCON DUO cable connector uses a standard optical LC-Duplex connector in a ruggedized and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilizing aramid yarn.

opticalCON DUO Multimode Cables			opticalCON DUO MM Cable with Tac Reel		
100'	HF-OC2M-0100	\$799.95	HF-TROC2M-0100	\$1006.95	
164'	HF-OC2M-0164	\$864.95	HF-TROC2M-0164	\$1071.95	
250'	HF-OC2M-0250	\$951.95	HF-TROC2M-0250	\$1152.95	
328'	HF-OC2M-0328	\$1031.95	HF-TROC2M-0328	\$1229.95	
500'	HF-OC2M-0500	\$1206.95	HF-TROC2M-0500	\$1397.95	
656'	HF-OC2M-0656	\$1364.95	HF-TROC2M-0656	\$1767.95	
1000'	HF-OC2M-1000	\$1714.95	HF-TROC2M-1000	\$2124.95	

JackReel-XL1 High Capacity Broadcast Cable & Fiber Optic Cable Reel

Rugged High Capacity Cable Reel for Broadcast, Fiber Optic & Pro-Audio Applications!

The JACKREEL-XL1 is a fantastic value for a super high capacity steel cable reel that is specially designed for multi-channel tactical fiber optic cables, SMPTE fiber optic camera cables, audio snake cables and similar cable assemblies. The JACKREEL-XL1 features rugged steel and aluminum construction with round tubing protective frame, non-reflective black matte finish, adjustable cam-lock drag brake for fast cable roll-out and storage and large heavy duty locking caster wheels. The main cable drum is specially engineered to protect the bend radius of fiber optic cables. A special drum divider plate protects connectors and fan-outs separating them from the main cable run during storage and roll-out.

FEATURES:

- Capacity for 5mm O.D. Cable: 4500'
- Capacity for 7mm O.D. Cable: 2500'

- Capacity for 9.5mm O.D. Cable: 1100'
- 21.187"H x 21.75"W x 17.875"D
- Cable Drum Overall: 17.625"W



3 Position Brake Lock



Split Drum for Easy Pigtail Storage

JACKREEL™



JACKREEL-XL1 **Your Price \$355.00**

JackReel-3 High Capacity Cable Reel

Super Low Cost with Lots of Capacity!

JACKREEL-3 is a cost effective, high performance steel frame cable reel with high impact thermo-plastic core that is perfect for many professional uses. Use it for audio and video cables, IT & data cables, industrial control cables, medical imaging cables & power cables. The high impact construction and the easy reel core saves time and money when deploying cables in a wide range of applications. JACKREEL-3 features an ergonomic cushion grip carry handle as well as an outer hub for cable fanouts. Center Hub: 4.75" Diameter. 15"H x 10.75"W.



JACKREEL-3 **\$44.95**

JACKREEL™

Fiber Ready JackReel Cable Reel

Super rugged, super lightweight high impact broadcast cable reel holds up to 500 feet of 2-Channel and 4-Channel tactical fiber. Fiber ready hub maintains critical bend radius necessary for fiber optical cables. Includes quick-adjust thumbwheel brake lock. Ergonomic soft-cushion carry handle.

JACKREEL-F4 **\$59.95**

JACKREEL-F4-MP1 **\$18.95**

Metal hub center plate for connector mounting



JackReel Cable O.D. Capacities

- 0.200: 400 Feet
- 0.750: 30 Feet



AVF-18CH •
Shown with
casters &
handle

SpoolMaster Cable/Wire Measuring and 16" Coiling System

Improve accuracy and efficiency with measuring and coiling systems from SpoolMaster. Spoolmaster measurers and coilers feature height adjustable bases with telescoping uprights.

- Wire Measuring and Coiling System with Heavy-duty welded steel base
- Locking swivel casters
- Digital counter adds or subtracts
- Measures flexible materials from 1/64" - 7/8" diameter
- Swiveling roller guide and integrated wire cutter
- Collapsible take-up reel • (Forms a 16" I.D. coil) • 32" L x 28"W x 48" H

SPOOLMASTER



SPMA-WMC16 **\$1699.00**

SpoolMaster CR-16 Collapsible Take Up Reel With Stand

The SMP-CR-16 coiler makes it fast and easy to create 15" inside diameter wire coils, while the collapsible take-up reel conveniently offloads the material to the front of the coiler. The SMP-CR-12 collapsible coiler offers the same function with a smaller 12" diameter coil.

- Collapsible Take-up Reel with Floor Stand
- Heavy-duty welded steel base
- Collapsible take-up reel (Forms a 16" I.D. coil)
- Adjustable reel height • Powder coated finish
- 28" L x 28"W x 44" H • 72 Lbs.

SPOOLMASTER



SPMA-CR16 **\$789.00**

**Hannay
Reels**

Hannay Reels announces new Broadcast Fiber Optic Series Reels. Designed specifically for the unique needs of Broadcast SMPTE, TAC and opticalCON cable

- These metal reels are lightweight and stand up to everyday wear and tear better than plastic reels
- Designed for Tactical Fiber and Hybrid Fiber cable types. • Quality construction designed for harsh outdoor environments.
- External and/or internal drum storage with protective rubber grommet for easy access to lead out cable, while keeping dirt and debris out.
- Non-reflective black matte finish is standard. • Crank handle permanently attached to disc.
- 3-Position Cam-Lock Drag Brake System (Locked, Tension, Free)

HY-AVF-14 Holds 350 Ft. SMPTE, 600 Ft. Tac-12, 9.5 Lbs. **Your Price \$315.00**

HY-AVF-18 Stackable, Holds 1000 Ft. SMPTE, 31 Lbs. **Your Price \$549.00**

HY-AVF-18C Model AVF-18 with Casters **Your Price \$580.50**

HY-AVF-18CH Model AVF-18 with Casters & Handle **Your Price \$625.50**

Hannay All-Metal Fiber Optic Reels

Hub & Drum Accept Existing SMPTE Cables Without Connector Re-Termination!

BITTREE PATCHING



Bittree offers a complete line of patching products, including audio, video, data and integrated patching systems.

To ensure the consistency, quality and responsiveness you need, all of their patching products are designed, manufactured, tested and warehoused in their Glendale, California plant, right in the heart of the entertainment industry.

Bittree 12GHz 4K/8K Mini-WECO Mid-Size Video Patchbays



- 24 GHz high-bandwidth performance for SD/SDI, HD/SDI, UHD/SDI, 4K, 8K, and HDR applications • Single link compatible • RoHS Compliant
- SMPTE 292M, 424M, 2081-1, and 2082-1 compliant
- True 75 ohm impedance with low return loss • Life Cycle Rating: 30,000 cycles
- 3/16" machined aluminum panel with a durable powder-coat finish
- Rear-mounted jack modules
- Precision machined phenolic insulator electrically and mechanically separates jacks from the front panel
- 2 x DS870-10 Designation Strips: Stainless-steel sliders with white styrene and non-glare Lexan inserts
- Staggered BNC Rear Interface • Normalling and termination can be achieved through the use of looping and termination plugs

Your Price

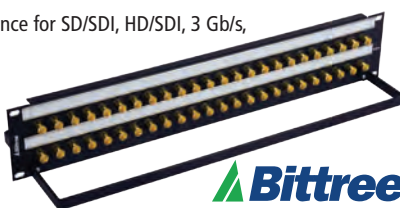
BIT-S64T-1MWNBK	64-Point 12GHz 4K/8K Patchbay - 2x32 2RU	\$1349.00
BIT-S64H-1MWNBK	64-Point 12GHz 4K/8K Patchbay - 2x32 1.5RU	\$1349.00
BIT-S64S-1MWNBK	64-Point 12GHz 4K/8K Patchbay - 2x32 1RU	\$1349.00
BIT-S32S-1MWNBK	32-Point 12GHz 4K/8K Patchbay - 1x32 1RU	\$758.00
BIT-S96T-1MWNBK	96-Point 12GHz 4K/8K Patchbay - 3x32 2RU	\$2098.00

Jackfield Mini-WECO Essentials

BIT-LPMK7502	12GHz 75-Ohm Video Patchbay Looping Plugs - Red	\$29.40
BIT-LPMK7505	12GHz 75-Ohm Video Patchbay Looping Plugs - Green	\$29.40
BIT-MWTPK75	12GHz Midsize 75-ohm Termination Plug	\$18.00

Bittree 12GHz 4K/8K Single-Link BNC Coaxial Bulkhead Patch Panels

- 20 GHz high-bandwidth performance for SD/SDI, HD/SDI, 3 Gb/s, 3D, UHD, 4k, and 8K applications
- SMPTE 292M, 424M, 2081-1, and 2082-1 compliant • 75 ohm impedance with low return loss
- 500 Mating cycles
- Operating temperature: -35 to +165°C • IP64 (mated)
- 1/16" (0.062 in. / 1.57 mm) folded aluminum panel with a durable black powder-coat finish • Front & Rear BNC feed-thru Connectors • Two 3" (7.62 cm) deep lacing bars for cable dressing
- Alternative 6" (15.24 cm) deep lacing bars available
- Silk screened circuit numbering on both the front and back



Bittree
BIT-BH-B224A2B12

Your Price

BIT-BH-B132A0B12	High Density Patch Panel - 1x32 1RU	\$466.00
BIT-BH-B116A1B12	Patch Panel with Designation Strip - 1x16 1RU	\$290.00
BIT-BH-B124A1B12	Patch Panel with Designation Strip - 1x24 1RU	\$381.00
BIT-BH-B216A2B12	Patch Panel with Designation Strip - 2x16 2RU	\$507.00
BIT-BH-B224A2B12	Patch Panel with Designation Strip - 2x24 2RU	\$381.00

**NEW FROM
NAB 2018**

markertek®

Bittree M20U12L 2x24 Mono Spaced Long Frame Patchbay with 2 Designation Strips

- Spacious 2x24 jack configuration with mono (even) jack spacing
- Selectable normalling and grounding: Circuits can be easily changed via shunts under both designation strips
- Digital AES wire used for internal wiring
- 2 x designation strip assemblies, "Over/Under" orientation
- Mating hardware included with E3, E90, and ID (Punchdown) rear interfaces
- 6" (15.24 cm) deep rear lacing bar included with E3 and ID (Punchdown) rear interfaces: Alternative 3" (7.62 cm) deep lacing bar available



Bittree

B48DC-FNPBH-E3M2 • 1.5RU	\$878.00
B48DC-NNPIT-E3M2 • 2RU	\$878.00

Bittree 12G+ 2x48 1RU Coaxial Bulkhead Patch Panels



- This unit features a 20 GHz high-bandwidth performance for SD/SDI, HD/SDI, 3 Gb/s, 3D, UHD, 4k, and 8K applications.
- 1/16" (0.062 in. / 1.57 mm) folded aluminum with a durable black powder-coat finish
- Silk screened circuit numbering on both the front and back with optional designation strip available for the front
- Two 3" (7.62 cm) deep lacing bars for cable dressing (both are removable)
- Alternative 6" (15.24 cm) deep lacing bars available

BIT-BH-248A2B12M • Micro BNC connectors	\$798.00
BIT-BHB248A2B12D • DIN 1.0/2.3 connectors	\$798.00



Connectronics 5-Channel Cable Ramp Crossover & Cable Protector

- 5-Channels with Hinged Lid
- 20,000 Lb. Load Capacity
- Spacious 1.5"W x 1.25"H Cable Channels
- Convenient Carry Handle
- Anti-Slip Surface
- Male & Female End Caps for Linking Multiple Units
- Heavy Duty PVC Hinged Lid
- Weight: 27.5 Lbs.
- Overall with Linking Connectors: 36.75"L x 19.5"W x 2.5"H
- Length Less Linking Connectors: 35.25"

\$119⁹⁹

Connectronics

- Cable Channels (x5): 35" L x 1.5" W x 1.25" H

CRSX-2 • Your Price \$119.99

NCEO | NATIONAL CENTER FOR
EMPLOYEE OWNERSHIP

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Marketing Vice President
since 1993

WE ARE PROUD TO BE 100% EMPLOYED!

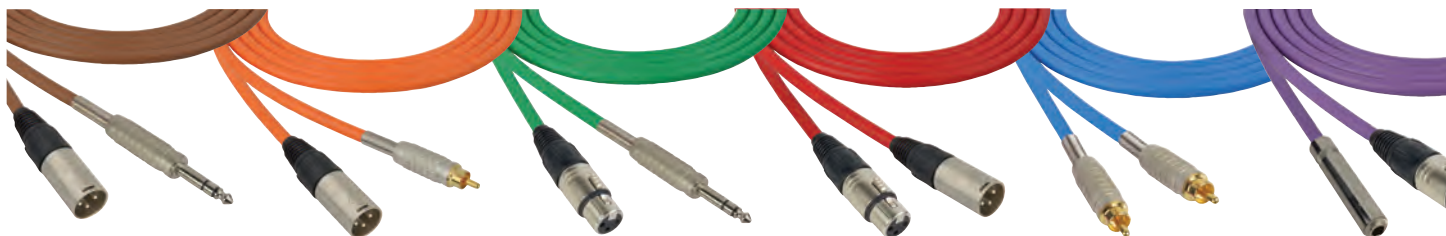
LEANARE® L-4E6S

**Available in 10 beautiful
matte finish color jackets!**



The premier Star Quad cable for all handheld microphone applications. Flexible, satin smooth to the touch and extra strong, this standard diameter, 21 AWG cable fits perfectly in all XLR-type audio connectors. Forty separate strands in each conductor eliminate breakage due to flexing.

by **SESCOM®**



Cables supplied in Black. Available COLOR CODES:
BE = Blue; BN = Brown; GN = Green; GY = Gray; OE = Orange; PE = Purple; RD = Red; WE = White; YW = Yellow.

Sescom XLR Male to Female

Part#	Length	1-4	5+
SC1.5XXJ	1.5'	\$16.95	\$0.00
SC3XXJ	3'	\$16.95	\$0.00
SC6XXJ	6'	\$18.95	\$0.00
SC10XXJ	10'	\$21.95	\$0.00
SC15XXJ	15'	\$22.95	\$0.00
SC25XXJ	25'	\$28.95	\$0.00
SC50XXJ	50'	\$43.95	\$0.00
SC75XXJ	75'	\$58.95	\$0.00
SC100XXJ	100'	\$70.95	\$0.00

Sescom RCA Male to Male

Part#	Length	1-4	5+
SC1.5RR	1.5'	\$12.95	\$0.00
SC3RR	3'	\$13.95	\$0.00
SC6RR	6'	\$15.95	\$0.00
SC10RR	10'	\$18.95	\$0.00
SC15RR	15'	\$19.95	\$0.00
SC25RR	25'	\$25.95	\$0.00
SC50RR	50'	\$40.95	\$0.00

Sescom XLR Female to 1/4" Female

Part#	Length	1-4	5+
SC1.5XJSJ	1.5'	\$14.95	\$0.00
SC3XJSJ	3'	\$15.95	\$0.00
SC6XJSJ	6'	\$17.95	\$0.00
SC10XJSJ	10'	\$19.95	\$0.00
SC15XJSJ	15'	\$21.95	\$0.00
SC25XJSJ	25'	\$27.95	\$0.00
SC50XJSJ	50'	\$49.95	\$0.00

Sescom XLR Female to Balanced (TRS) 1/4" Phone Male

Part#	Length	1-4	5+
SC1.5XJSZ	1.5'	\$14.95	\$0.00
SC3XJSZ	3'	\$15.95	\$0.00
SC6XJSZ	6'	\$17.95	\$0.00
SC10XJSZ	10'	\$19.95	\$0.00
SC15XJSZ	15'	\$21.95	\$0.00
SC25XJSZ	25'	\$27.95	\$0.00
SC50XJSZ	50'	\$49.95	\$0.00

Sescom 1/4" Male to Male

Part#	Length	1-4	5+
SC1.5SS	1.5'	\$12.95	\$0.00
SC3SS	3'	\$13.95	\$0.00
SC6SS	6'	\$15.95	\$0.00
SC10SS	10'	\$18.95	\$0.00
SC15SS	15'	\$19.95	\$0.00
SC25SS	25'	\$25.95	\$0.00
SC50SS	50'	\$40.95	\$0.00
SC100SS	100'	\$74.95	\$0.00

Sescom 1/4" Male to Male Balanced (TRS) Both Ends

Part#	Length	1-4	5+
SC1.5SZSZ	1.5'	\$12.95	\$0.00
SC3SZSZ	3'	\$13.95	\$0.00
SC6SZSZ	6'	\$15.95	\$0.00
SC10SZSZ	10'	\$18.95	\$0.00
SC15SZSZ	15'	\$19.95	\$0.00
SC25SZSZ	25'	\$25.95	\$0.00
SC50SZSZ	50'	\$40.95	\$0.00

Sescom XLR Male to 3.5mm Female

Part#	Length	1-4	5+
SC1.5XMJ	1.5'	\$12.95	\$0.00
SC3XMJ	3'	\$13.95	\$0.00
SC6XMJ	6'	\$15.95	\$0.00
SC10XMJ	10'	\$18.95	\$0.00
SC15XMJ	15'	\$19.95	\$0.00
SC25XMJ	25'	\$25.95	\$0.00
SC50XMJ	50'	\$47.95	\$0.00
SC100XMJ	100'	\$68.95	\$0.00

Sescom XLR Male to RCA Male

Part#	Length	1-4	5+
SC1.5XR	1.5'	\$14.95	\$0.00
SC3XR	3'	\$14.95	\$0.00
SC6XR	6'	\$16.95	\$0.00
SC10XR	10'	\$19.95	\$0.00
SC15XR	15'	\$21.95	\$0.00
SC25XR	25'	\$27.95	\$0.00
SC50XR	50'	\$42.95	\$0.00
SC100XR	100'	\$75.95	\$0.00

Sescom XLR Male to Balanced (TRS) 1/4" Phone Male

Part#	Length	1-4	5+
SC1.5XSZ	1.5'	\$14.95	\$0.00
SC3XSZ	3'	\$14.95	\$0.00
SC6XSZ	6'	\$16.95	\$0.00
SC10XSZ	10'	\$19.95	\$0.00
SC15XSZ	15'	\$21.95	\$0.00
SC25XSZ	25'	\$27.95	\$0.00
SC50XSZ	50'	\$48.95	\$0.00
SC100XSZ	100'	\$75.95	\$0.00

LAIRD PATCH PANELS

LAIRD®
DIGITAL CINEMA

**Laird 4K/8K 12G-SDI Feed Through
UHD BNC Patch Panel Series**



NEUTRIK®



Built with Neutrik 75 Ohm 4K/8K UHD D-Style chassis mount BNC connectors. The connector's optimized insulator design achieves the best available headroom to deliver additional return loss reserve for potential impedance deviations resulting from cable bending, incorrect connector assembly or faulty connection interfaces without signal interruption. Connectors are studio-standard recessed to keep cables well protected in a Neutrik's standard D-shape housing. The machined brass connector body provides an extremely rugged and non-abrasive connection for long term use. Utilizing feed-thru barrel connectors saves you time on installation versus traditional solder-back connections. Assures your truck, ENG mobile rig or studio are future ready!

- Corrosion Resistant • Designed for 4K/8K UHD, 12G-SDI Equipment Patching
- RearTWIST Neutrik BNC Connectors Provide Increased Headroom
- SMPTE ST 2082-1, ST 2081-1, ST424, ST292 Compliant

8XUHD-BNCR • 8 Point x 1RUReg. \$155.00 Your Price \$147.00

16XUHD-BNCR • 16 Point x 2RUReg. \$285.00 Your Price \$269.00

16X1UHD-BNCR • 16 Point x 1RUReg. \$275.00 Your Price \$261.00

32XUHD-BNCR • 32 Point x 2RUReg. \$470.00 Your Price \$448.00

LAIRD®
DIGITAL CINEMA

**Laird 4K 12G-SDI Feed Through
Recessed BNC Patch Panel Series**



The Laird Recessed panels are built with Canare 75 Ohm 12G-SDI chassis mount BNC female to female barrels to keep your signals flowing smoothly and patched properly to support SMPTE ST 2082-1 standards. Connectors are studio-standard with a machined brass connector body provides an extremely rugged and non-abrasive connection for long term use.

Utilizing feed-thru barrel connectors saves you time on installation versus traditional solder-back connections. Connectors are studio-standard recessed to keep cables well protected. The Laird Recessed panels assures your truck, ENG mobile rig or studio are future ready!

- Protective Recessed Design
- Corrosion Resistant
- Designed for 4K UHD, 12G-SDI Equipment Patching
- Low Return Loss Canare 75 Ohm BNC Connectors
- Built-in Panel-Isolation Bushing
- SMPTE ST 2082-1, ST 2081-1, ST424, ST292 Compliant
- Available in 1RU and 2RU Configurations

16XBNCR-CAN • 16 Point x 1RUReg. \$255.00 Your Price \$241.00

32XBNCR-CAN • 32 Point x 2RUReg. \$435.00 Your Price \$416.00

**NEW FROM
NAB 2018**

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DIGITAL CINEMA

**Laird 4K/8K 12G-SDI Feed Through
UHD BNC Barrel Patch Panel Series**

CANARE®



Positioned to bring your studio cable routing needs up to 12G-SDI/4K UHD standards, these Laird UHD panels are a simple and cost effective feed-through patch panels. Efficiently spaced to bring you 16 or 32 patch points housed in a 1RU or 2RU panel.

The Laird panel is built with Canare 75 Ohm 12G-SDI chassis mount BNC female to female barrel bulkhead connectors. Keep your signals flowing smoothly and patched properly to support SMPTE ST 2082-1 standards. Connectors are studio-standard with a machined brass connector body provides an extremely rugged and non-abrasive connection for long term use. Utilizing feed-thru barrel connectors saves you time on installation versus traditional solder-back connections. The Laird Barrel Patch Panels assure your truck, ENG mobile rig or studio are future ready!

- Corrosion Resistant
- Designed for 4K/8K UHD, 12G-SDI Equipment Patching
- Low Return Loss Canare 75 Ohm BNC Connectors
- SMPTE ST 2082-1, ST 2081-1, ST424, ST292 Compliant
- Available in 1RU and 2RU Configurations

16XB-UHD • 16 Point x 1RUReg. \$175.00 Your Price \$164.00

32XB-UHD • 32 Point x 2RUReg. \$280.00 Your Price \$265.00

Laird 12G-SDI 4K UHD Video Coax BNC Cable

Laird's 12G-SDI 4K UHD BNC cables are the most advanced development in coax BNC on the market for effectively transmitting 12G-SDI signals up to 100 meters.

- Hand crafted with Canare BCP-D55UHD connectors with a return loss at 12 GHz of 15 dB, 20 dB @ 6 GHz & 26 dB @ 3 GHz.
- Designed for UHD and 4K Video Transport • SDI Formats including 1.5G, 3G, 6G and 12G SDI SMPTE 2082-1 Standards • Fixed and Cable Reel Deployment in Studios, Trucks, Permanent Installations • Terminated with 12G 75Ω Omega; BNC Connectors • Flamed Retardant



12GSDI-B-B-003	3'	Reg. \$20.95 Your Price \$19.95
12GSDI-B-B-006	6'	Reg. \$23.95 Your Price \$22.95
12GSDI-B-B-010	10'	Reg. \$28.95 Your Price \$26.95
12GSDI-B-B-015	15'	Reg. \$33.95 Your Price \$31.95
12GSDI-B-B-025	25'	Reg. \$44.95 Your Price \$42.95
12GSDI-B-B-035	35'	Reg. \$55.95 Your Price \$53.95
12GSDI-B-B-050	50'	Reg. \$72.95 Your Price \$69.95
12GSDI-B-B-075	75'	Reg. \$101.95 Your Price \$96.95
12GSDI-B-B-100	100'	Reg. \$123.95 Your Price \$116.95
12GSDI-B-B-150	150'	Reg. \$176.95 Your Price \$168.95
12GSDI-B-B-175	175'	Reg. \$203.95 Your Price \$193.95
12GSDI-B-B-200	200'	Reg. \$230.95 Your Price \$219.95
12GSDI-B-B-225	225'	Reg. \$257.95 Your Price \$244.95
12GSDI-B-B-250	250'	Reg. \$285.95 Your Price \$270.95
12GSDI-B-B-300	300'	Reg. \$338.95 Your Price \$321.95
12GSDI-B-B-325	325'	Reg. \$365.95 Your Price \$346.95

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Belden 4794R 12GHz RG7 Coax

4K UHD Precision Cox • 75 Ohm • 16 AWG solid silver plated copper center conductor • New high-performance dielectric • Foil bonded to core • 95% tinned copper braid made on our Belden "super-braiders" to reduce high frequency spikes (the highest shield effectiveness ever made by Belden)

BL-4794R-1000BK 1000 Foot Roll, Black **Your Price \$1715.00**

Use BL-1794ABHD1 BNC Compression Connector



Belden 4505R 12GHz 4K UHD 75 Ohm 20 AWG Precision Video Cable - 1000 Feet

12G-SDI cables guaranteed 15dB RL limit from 4.5 to 12 GHz for 8-11 dB headroom against SMPTE limit

- Inner foil bonded to the core on 12G-SDI cables for easier installation
- One-piece compression connectors simplify and speed installation
- Operating Temperature Range: -30°C To +75°C
- Bulk Cable Weight: 31 lbs/1000 ft.

• Max. Recommended Pulling Tension: 52 lbs. • Min. Bend Radius/Minor Axis: 2.500 in.

BL-4505R-1000BK	Black	Reg. \$917.30 Your Price \$757.57
BL-4505R-1000LB	Light Blue	Reg. \$917.30 Your Price \$757.57
BL-4505R-1000MGN	Military Green	Reg. \$917.30 Your Price \$757.57
BL-4505R-1000OE	Orange	Reg. \$917.30 Your Price \$757.57
BL-4505R-1000RD	Red	Reg. \$917.30 Your Price \$757.57
BL-4505R-1000VT	Violet	Reg. \$917.30 Your Price \$757.57
BL-4505R-FT-BK	Black per Foot	Reg. \$0.92 Your Price \$0.89



Canare L-5.5CUHD 12G-SDI 75 OHM Video Coax



Canare's L-5.5CUHD is a 75 OHM video Coax cable that can effectively transmit 12G-SDI signals over 100 meters. The outside diameter of the cable is the same as their existing L-5CFB

and L-5CHD cables to ensure interoperability. Canare has also introduced a new BNC Connector the BCP-D55UHD to ensure minimal return loss while using these cables.

L-5.5CUHD-FT	Per Foot	Reg. \$2.29 Your Price \$1.99
L-5.5CUHD-328	328'	Reg. \$280.00 Your Price \$262.29
L-5.5CUHD-656	656'	Reg. \$560.00 Your Price \$519.49
L-5.5CUHD-984	984'	Reg. \$880.00 Your Price \$862.29



Laird HDBNC4794-MM High Density HD-BNC Male to Standard BNC Male 12G HD-SDI Cable

HDBNC4794-MM01	1'	Reg. \$37.95 Your Price \$35.95
HDBNC4794-MM03	3'	Reg. \$40.95 Your Price \$38.95
HDBNC4794-MM06	6'	Reg. \$48.95 Your Price \$45.95



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Warehouse Manager
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BULK 12G-SDI CABLE



Belden 4855R 12G-SDI 75 Ohm 4K UHD Mini Coax Video Cable - 1000 Feet

- Sub-Miniature Coax 12 GHz
- 4K UHD Precision Video Cable
- 75 Ohm, 23 AWG solid .023" silver plated copper conductor
- Gas-injected foam HDPE insulation
- Duofoil bonded to the core + tinned copper braid shield (95% coverage)
- PVC jacket

BL-4855R-1000BK	Black	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000LBE	Light Blue	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000GN	Military Green	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000OE	Orange	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000RD	Red	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000VT	Violet	Reg. \$877.70 Your Price \$724.86
BL-4855R-1000YW	Yellow	Reg. \$877.70 Your Price \$724.86



Belden 4694R RG6 12GHz 4K UHD 75 Ohm 18 AWG Precision Video Cable - 1000 Foot

Belden's 4694R cables are 12 GHz, 4K UHD Precision Video Cables. Their 12G-SDI coaxial solutions maximize 4K signal transmission distance on a single coax, minimizing weight and space compared to dual- or quad-link configurations.

- Operating Temperature Range: -30°C To +75°C
- Bulk Cable Weight: 41 lbs/1000 ft.
- Max. Recommended Pulling Tension: 69 lbs.
- Min. Bend Radius/Minor Axis: 2.750 in.

BL-4694R-1000BK	Black	Reg. \$1127.50 Your Price \$931.08
BL-4694R-1000LB	Light Blue	Reg. \$1127.50 Your Price \$931.08
BL-4694R-1000MGN	Military Green	Reg. \$1127.50 Your Price \$931.08
BL-4694R-1000OE	Orange	Reg. \$1127.50 Your Price \$931.08
BL-4694R-1000RD	Red	Reg. \$1127.50 Your Price \$931.08
BL-4694R-1000VT	Violet	Reg. \$1127.50 Your Price \$931.08
BL-4694R-FT-BK	Black per Foot	Reg. \$1.13 Your Price \$1.09

Laird RTBNC-4855 12G-SDI 4K UHD rearTWIST UHD BNC

The Laird RTBNC-4855 Series assemblies with Neutrik's rearTWIST UHD BNC connectors and Belden 4855R RG59 cable are built for 12G-SDI/4K extended bandwidth applications. Optimized Transmission Distance for UHDTV up to 150 ft/45m.



RTBNC-4855-003	3'	Reg. \$22.95 Your Price \$20.95
RTBNC-4855-006	6'	Reg. \$25.95 Your Price \$24.95
RTBNC-4855-010	10'	Reg. \$30.95 Your Price \$29.95
RTBNC-4855-015	15'	Reg. \$36.95 Your Price \$34.95
RTBNC-4855-025	25'	Reg. \$48.95 Your Price \$46.95
RTBNC-4855-050	50'	Reg. \$79.95 Your Price \$75.95
RTBNC-4855-075	75'	Reg. \$110.95 Your Price \$105.95
RTBNC-4855-100	100'	Reg. \$141.95 Your Price \$134.95

BULK 12G-SDI CABLE

**NEW FROM
NAB 2018**

markertek®

Laird 4505R-B-B 12G-SDI/4K UHD Single Link BNC Cable

- These next-gen RG59 BNC cables are designed to handle 12GHz 4K UHD signals over 200 feet (3G-SDI up to 433 feet) and provide the critical link between your switchers, cameras and other 4K video gear.
- Hand crafted assemblies featuring 4505R 4K Ultra-High-Definition RG59 coaxial cable for 12G-SDI, these cables the simple choice when setting up your studio backbone and infrastructure.
- The 4505 Series is the 12G-SDI equivalent of Belden's famous 1505 cable.
- It features a silver plated copper center conductor and a cable diameter of less than 1/4" making it the ideal choice for low profile cable runs.

* **Use color code:** BK - Black, LB - Light Blue, MG - Military Green, OE - Orange, Red - RD, VT - Violet,

4505R-B-B-*.003	3'	Reg. \$19.95 Your Price \$18.95
4505R-B-B-*.006	6'	Reg. \$22.95 Your Price \$21.95
4505R-B-B-*.010	10'	Reg. \$27.95 Your Price \$26.95
4505R-B-B-*.015	15'	Reg. \$32.95 Your Price \$30.95
4505R-B-B-*.025	25'	Reg. \$43.95 Your Price \$41.95
4505R-B-B-*.035	35'	Reg. \$54.95 Your Price \$51.95
4505R-B-B-*.050	50'	Reg. \$70.95 Your Price \$67.95
4505R-B-B-*.075	75'	Reg. \$98.95 Your Price \$93.95
4505R-B-B-*.100	100'	Reg. \$119.95 Your Price \$113.95
4505R-B-B-*.125	125'	Reg. \$146.95 Your Price \$138.95
4505R-B-B-*.150	150'	Reg. \$172.95 Your Price \$163.95
4505R-B-B-*.175	175'	Reg. \$198.95 Your Price \$188.95
4505R-B-B-*.200	200'	Reg. \$224.95 Your Price \$213.95

Laird 4694R-B-B RG6 12G-SDI/4K UHD Single Link BNC Cable

- These next-gen RG6 BNC cables are designed to handle 12GHz 4K UHD signals over 250 feet (3G-SDI up to 540 feet) and provide the critical link between your switchers, cameras and other 4K video gear.
- Hand crafted assemblies featuring 4694R 4K Ultra-High-Definition RG6 coaxial cable for 12G-SDI, these cables the simple choice when setting up your studio backbone and infrastructure.
- The 4694R Series is the 12G-SDI equivalent of Belden's famous 1694A cable.
- It features a silver plated copper center conductor and is the ideal choice for installations in studios, stadiums and live event venues.

* **Use color code:** BK - Black, LB - Light Blue, MG - Military Green, OE - Orange, Red - RD, VT - Violet,

4694R-B-B-*.003	3'	Reg. \$20.95 Your Price \$19.95
4694R-B-B-*.010	10'	Reg. \$29.95 Your Price \$28.95
4694R-B-B-*.015	15'	Reg. \$36.95 Your Price \$34.95
4694R-B-B-*.025	25'	Reg. \$49.95 Your Price \$47.95
4694R-B-B-*.035	35'	Reg. \$63.95 Your Price \$60.95
4694R-B-B-*.050	50'	Reg. \$83.95 Your Price \$79.95
4694R-B-B-*.075	75'	Reg. \$117.95 Your Price \$111.95
4694R-B-B-*.100	100'	Reg. \$143.95 Your Price \$136.95
4694R-B-B-*.125	125'	Reg. \$175.95 Your Price \$167.95
4694R-B-B-*.150	150'	Reg. \$208.95 Your Price \$197.95
4694R-B-B-*.175	175'	Reg. \$240.95 Your Price \$228.95
4694R-B-B-*.200	200'	Reg. \$272.95 Your Price \$258.95
4694R-B-B-*.225	225'	Reg. \$304.95 Your Price \$289.95
4694R-B-B-*.250	250'	Reg. \$336.95 Your Price \$319.95

Laird 4855R 12G-SDI/4K UHD Single Link BNC Cables

- Provide the critical link between your switchers, cameras and other 4K video gear.
- 12 GHz, 4K UHD Precision 75-Ohm Video Cable • Single Link BNC Simplifies Installations
- Optimized for 150' UHDTV Transmission Distances • Return Loss: Guarantees -15 dB RL from 4.5 to 12GHz • Meet Requirements for 12G SDI ST 2082-1 and ST2083-1

* **Use color code:** BK - Black, BE - Blue, GN - Green, OE - Orange, VT - Violet, YW - Yellow

4855R-B-B-*.003	3'	Reg. \$18.95 Your Price \$17.95
4855R-B-B-*.006	6'	Reg. \$21.95 Your Price \$20.95
4855R-B-B-*.010	10'	Reg. \$26.95 Your Price \$24.95
4855R-B-B-*.015	15'	Reg. \$31.95 Your Price \$29.95
4855R-B-B-*.025	25'	Reg. \$42.95 Your Price \$39.95
4855R-B-B-*.035	35'	Reg. \$53.95 Your Price \$50.95
4855R-B-B-*.050	50'	Reg. \$69.95 Your Price \$66.95
4855R-B-B-*.075	75'	Reg. \$97.95 Your Price \$92.95
4855R-B-B-*.100	100'	Reg. \$118.95 Your Price \$112.95
4855R-B-B-*.150	150'	Reg. \$170.95 Your Price \$162.95

Laird 4794R 12G-SDI/4KUHD Single-Channel BNC to BNC Camera Cables

Laird introduces the gold standard next-gen BNC cable designed to handle long distance 12GHz 4K UHD signals.

- Durable 16AWG, Precision Coax
- Watertight, Locking, 1-Piece BNC Compression Connectors
- Superior Pull Strength for Secure Connections • Maximize broadcast signal integrity
- Meets SMPTE ST 2081 & ST 2082 Standards

4794R-B-B-003	3'	Reg. \$26.95 Your Price \$24.95
4794R-B-B-006	6'	Reg. \$33.95 Your Price \$32.95
4794R-B-B-010	10'	Reg. \$44.95 Your Price \$42.95
4794R-B-B-015	15'	Reg. \$55.95 Your Price \$53.95
4794R-B-B-025	25'	Reg. \$81.95 Your Price \$77.95
4794R-B-B-035	35'	Reg. \$106.95 Your Price \$101.95
4794R-B-B-050	50'	Reg. \$144.95 Your Price \$137.95
4794R-B-B-075	75'	Reg. \$207.95 Your Price \$197.95
4794R-B-B-100	100'	Reg. \$256.95 Your Price \$244.95
4794R-B-B-150	150'	Reg. \$376.95 Your Price \$357.95
4794R-B-B-250	250'	Reg. \$616.95 Your Price \$585.95
4794R-B-B-300	300'	Reg. \$736.95 Your Price \$699.95

Laird High Density 12G-SDI HD-BNC Male to Male Cables

The Laird HDBNC4855 Series of low profile coax HD-BNC to BNC male adapter cables are designed for transmitting high resolution uncompressed 12G-SDI / 4K UHD video signals. Ideal for high density jackfields, routers and signal distribution systems where RF performance is critical.

HDBNC4855-MM01	1'	Reg. \$37.95 Your Price \$35.95
HDBNC4855-MM03	3'	Reg. \$38.95 Your Price \$36.95
HDBNC4855-MM06	6'	Reg. \$41.95 Your Price \$39.95
HDBNC4855-MM10	10'	Reg. \$46.95 Your Price \$44.95
HDBNC4855-MM15	15'	Reg. \$49.95 Your Price \$47.95
HDBNC4855-MM25	25'	Reg. \$60.95 Your Price \$57.95
HDBNC4855-MM50	50'	Reg. \$87.95 Your Price \$83.95

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Belden 1694A RG6 Precision Digital Video Coax SDI/HDTV Applications

19 AWG Stranded (7x27) .040" Bare Compacted Copper • Double Tinned Copper Braid Shield • 0.274" O.D. • 75Ω nominal impedance



SENDING ALL THE RIGHT SIGNALS

BL-1694A*	Per Foot.....	Your Price \$0.77
BL-1694A-500*	500 Foot Roll.....	Your Price \$353.26
BL-1694A-1000*	1000 Foot.....	Your Price \$469.00

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



Belden 1505A RG59 Precision Digital Video Coax SDI/HDTV Applications

20 AWG solid 0.032" bare copper conductor, gas-injected foam HDPE insulation • Duofoil + tinned copper braid shield (95% coverage) • PVC jacket • 75Ω nominal impedance



SENDING ALL THE RIGHT SIGNALS

BL-1505A*	Per Foot.....	Your Price \$0.63
BL-1505A-500*	500 Foot Roll.....	Your Price \$287.46
BL-1505A-1000*	1000 Foot.....	Your Price \$384.00

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



Belden 1855A Sub-Miniature Precision Digital Video Coax SDI/HDTV Applications

23 AWG solid 0.023" bare copper conductor • Gas-injected foam HDPE insulation • Duofoil + tinned copper braid shield (95% coverage) • PVC jacket • 0.159" O.D. • 75Ω impedance



SENDING ALL THE RIGHT SIGNALS

BL-1855A*	Per Foot.....	Your Price \$0.60
BL-1855A-500*	500 Foot Roll.....	Your Price \$275.00
BL-1855A-1000*	1000 Foot Roll.....	Your Price \$363.00

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



Canare L-4CFB 75Ω SDI RG59 Coaxial Cable

Canare 75Ω precision digital video cables, offers the professional Broadcaster a high performance, 100% Sweep Tested, low cost, low loss coax that meets the Serial Digital Video demands of HDTV studios. #20 AWG with AL Foil 100% TAC Braid >93%. 0.24" O.D.



L-4CFB*	Per Foot.....	Your Price \$0.38
L-4CFBBK-984*	984 Foot Roll.....	Your Price \$322.13

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Purple, White, Yellow

Gepeco High Definition 4.5GHz SDI 75Ω Coaxial Video Cable



The Gepeco® Brand high-definition video coax series has been engineered to feature a 4.5 GHz bandwidth (for HDTV transmission), a gas-injected foam dielectric, lower

attenuation, more RG types, excellent crush resistance, easy termination and a flexible jacket. Conductive elements consist of a stranded or precision-drawn solid copper center conductor and either a 92% or 95% braid with 100% foil shield for complete broadband shielding. The series contains a wide range of sizes to accommodate short-distance rack wiring or extended-distance point-to-point interconnect.

VPM2000-500	RG59, 20 AWG Solid, 500 Foot Roll.....	Your Price \$141.30
VPM2000-1000*	RG59, 20 AWG Solid, 1,000 Foot Roll	Your Price \$307.26
VSD2001-500BK	RG6, 18 AWG, 500 Foot Roll	Your Price \$227.98
VSD2001-1000*	RG6, 18 AWG Solid, 1,000 Foot Roll	Your Price \$374.95

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



Amphenol 12GHz BNC Crimp Plugs

Ultra High Definition Video (also known as "Ultra HD" or "4K UHD") requires an interconnect system that can transfer data at a rate of up to 12 Gbps. Using non-12G BNC connectors, this could require 2 or 4 channels. Amphenol RF's line of 12G BNC products are optimized for 4K Ultra HD Broadcast, providing crystal clear signal transmission on a single channel. These connectors are designed for 12G-SDI video cable termination applications.

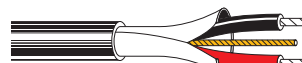
AMPH-112955-11	Belden 4855R / 1855A	Your Price \$2.99 ea.
AMPH-112951-11	Belden 4805R / 1505A	Your Price \$2.78 ea.
AMPH-112957-11	Belden 4694R / 1694A	Your Price \$3.19 ea.
AMPH-031-70534	Belden 4794R	Your Price \$4.92 ea.

Canare 12G-SDI 4K UHD 75-Ohm Crimp Plug BNC Connector for Canare L-5.5CUHD



Canare's BCP-D55UHD is their most advanced BNC plug that was developed for use with their 12G-SDI UHD video coax cable the L-5.5CUHD. The return loss at 12 GHz is 15 dB, 26 dB @ 3 GHz and 20 dB @ 6 GHz. The installation work on the cable is a crimp method which enables quick and reliable machining to go along with its Long sleeve shape, insulator locking mechanism, etc.

BCP-D55UHD • Reg. \$3.72 Your Price \$3.58
100+ \$3.47 250+ \$3.36



Belden 9451 Multi-Conductor Single-Pair Audio Cable

22 AWG stranded (7x30) TC conductors • Polypropylene insulation • Twisted pair • Overall Beldfoil shield (100% coverage) • 22 AWG stranded TC drain wire • PVC jacket



SENDING ALL THE RIGHT SIGNALS

BL-9451*	Per Foot.....	Your Price \$0.29
BL-9451-500*	500 Foot Roll.....	Your Price \$124.95
BL-9451-1000*	1000 Foot Roll.....	Your Price \$246.49

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



Canare L-4E6S Star Quad Microphone Cable

The premier Star Quad cable for all handheld mic applications. Flexible, satin smooth to the touch & extra strong, this 21 AWG cable fits perfectly in all XLR connectors. 40 separate strands in each conductor eliminate breakage due to flexing. Available in 10 beautiful matte finish color jackets.



L-4E6S*	Per Foot.....	Your Price \$0.99
L-4E6SBK-656*	500 Foot Roll.....	Your Price \$303.97
L-4E6SBK-1000*	1000 Foot Roll.....	Your Price \$439.95

*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Purple, White, Yellow

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Vice President of
Sales since 1994

BNC CONNECTORS

NEW FROM
NAB 2018

markertek®

Kings® 2065 Series 75Ω HD Digital BNCs

KINGS® 2065 series true 75Ω Broadcast BNC connectors meets the broadcast industry's HD requirements. DC to 3 GHz. They are designed to terminate the most commonly utilized coaxial cables in the broadcast industry and meet the industry's stringent HDTV standards. These connectors feature a full crimp design and are field installable with Kings crimp tools.



KINGS®

Authorized Broadcast Distributor

Model	Fits Cable	Each	100+	1,000+
2065-2-9	Belden 1505A, 1506A; Gepco VPM2000	\$1.85	\$1.74	\$1.64
2065-10-9	Belden 1694A, 9248; Gepco VSD2001	\$1.74	\$1.64	\$1.54
2065-11-9	Belden 1855A, 1865A; Gepco VDM230	\$1.74	\$1.64	\$1.54

Belden 1-Piece Compression 4K Broadcast BNC Connectors

Belden introduces the new 1-Piece HD Brilliance BNC Compression Connector. This 1-piece connector offers faster, more consistent field installation with the same excellent signal quality and performance as traditional 3-piece connectors. Specifically designed for use with Brilliance cable, creating the perfect connector-to-cable combination. 360° compression rings deliver superior pull strength exceeding 100 pounds. **Durability:** 500 Cycles Minimum Electrical Properties. **Return Loss:** <-22dB to -32dB (1 GHz to 4.5 GHz). **Voltage Rating:** 500VRMS. **Insulation Resistance:** > 5000 Megaohms at 100 Vdc. True 75Ω Performance.



BELDEN
SENDING ALL THE RIGHT SIGNALS

Model	Fits Cable	Each
BL-1505ABHD1	1505A & RG59	\$2.74
BL-1694ABHD1	1694A & RG6	\$2.74
BL-1855ABHD1	1855A 22-24 AWG	\$2.74
BL-1794ABHD1	1794A & RG7	\$2.74

Canare BNC 3-Piece Crimp Connectors

HD Ready - SMPTE 259M /292M DC to 2.0. SMPTE 259M & 292M Compliant for Serial Digital Video, HDTV Upgrades, NTSC Analog Satellite Headends & More. True 75Ω construction Crimp Pin & Sleeve High performance of 1.1 or less VSWR up to 2GHz.



CANARE

Model	For Canare	For Belden	Crimp Die	Each	25+	100+
BCP-B4F	L-4CFB, S-4CFB & L-4CHD	1505A,	TCB-4C	\$2.49	\$2.42	\$2.34
BCP-B5F	L-5CFB	N/A	TCB-5CF	\$2.49	\$2.42	\$2.34
BCP-B26	N/A	1855A	TCB-35CA	\$2.71	\$2.63	\$2.55
CNR-BCP-B53	N/A	1694A	TCB-35CA	\$2.59	\$2.51	\$2.44

ADC by TE Connectivity 3GHz BNC Connectors

The ADC line of connectors is designed to simplify installation while providing the ultimate in performance. All ADC connectors also use the same strip dimensions to reduce installation time when multiple connector types are required. Exclusive **notched design** has a visual indication at the 12:00 position for visual confirmation that the BNC is locked into position when used with a TE video jackfield.



Authorized Broadcast Distributor

Notched Series BNC



Part #	Fits Cable:	Each	50+
TE-BNC-1-N	Belden 1505; Gepco VPM2000	\$1.99	\$1.93
TE-BNC-8-N	Belden 1694, 9248; Gepco VSD2001	\$2.32	\$2.25
TE-BNC-13-N	Belden 1855; Gepco VDM230	\$2.32	\$2.25

Connectronics 4GHz 75Ω Digital BNCs

Nickel Over Brass Construction for Longevity & Reliability • Military Spec Design MIL-C 39012 • Gold Plated Center pin offers corrosion resistance • Crimps tight every time for superior cable pull strength • VSWR DC - 4 GHz.



Connectronics

Model	Fits Canare	Fits Belden	Fits Gepco	Each	25+	100+
BNC-1505	L-4CFB	1505A, 1426A	VPM2000	\$1.69	\$1.62	\$1.56
BNC-1694	L-5CFB	1694A, 9248	VSD2001	\$2.72	\$2.65	\$2.52
BNC-1855	N/A	1855A		\$1.80	\$1.73	\$1.66

Neutrik 8K RearTWIST UHD BNC Connectors for Belden



The rearTWIST UHD BNC connectors are specifically designed for high resolution video signal transmissions. The UHD series features an optimized insulator design and reduced crimp diameter from center pin to achieve increased headroom when compared to conventional BNCs. It offers additional return loss reserve for potential impedance deviations resulting from cable bending, incorrect connector assembly or faulty connection interfaces without signal interruption.

NBNC75BDD6X • Fits Belden 1855A

Your Price \$2.77 25+ \$2.66 50+ \$2.56

NBNC75BLP9X • Fits Belden 1505A

Your Price \$2.77 25+ \$2.66 50+ \$2.56

NBNC75BJP9X • Fits Belden 1505F

Your Price \$2.77 25+ \$2.66 50+ \$2.56

NBNC75BTUP11X • Fits Belden 1694A, Gepco VSD2001 (Paladin Crimpers)

Your Price \$2.77 25+ \$2.66 50+ \$2.56

NBNC75BTU11X • Belden 1694A, Gepco VSD2001 (Neutrik Crimpers)

Your Price \$2.77 25+ \$2.66 50+ \$2.56

Neutrik NBB75DFGX UHD BNC Chassis Connector

Optimized gold plated cage type center contact for UHD signals as 4K or 8K. Swiss black chrome plating. Grounded panel mount. Standard D-shape housing provides flush mounting and protection from damage. Color coding possible. Fully compatible with conventional BNC cable connectors



NBB75DFGX • Your Price \$8.75

Canare Crimp Tools

TC1 crimp tool has adjustable scissor ratchet action that is designed for rapid die movement. Minimum 50,000 cycle times. High quality Swedish Steel. Maximum crimp force is 2,250 pounds.



TC1 • Crimp tool frame..... Your Price \$97.99

Die Sets

TC-D-35C..... Your Price \$110.88

TC-D-4C..... Your Price \$86.03

TC-D-5CF..... Your Price \$82.21

WE ARE PROUD TO BE 100% EMPLOYEE OWNED!

Neutrik X series XLR connectors feature 360 degree chuck strain relief, nickel shell, & easy to assemble.

3-Pin Nickel Shell / Silver Contacts

NC3FX	Female	\$3.04 Ea.	• 25+ \$2.92 • 100+ \$2.81
NC3MX	Male	\$2.95 Ea.	• 25+ \$2.84 • 100+ \$2.73

3-Pin Black Shell / Silver Contacts

NC3FX-BAG	Female	\$3.66 Ea.	• 25+ \$3.52 • 100+ \$3.38
NC3MX-BAG	Male	\$3.38 Ea.	• 25+ \$3.25 • 100+ \$3.13

3-Pin Black Shell / Gold Contacts

NC3FX-B	Female	\$4.47 Ea.	• 25+ \$4.30 • 100+ \$4.13
NC3MX-B	Male	\$4.00 Ea.	• 25+ \$3.85 • 100+ \$3.70

3-Pin Nickel Shell / Silver Contacts with On/Off Switch

NC3FX-S	Female	\$10.08 Ea.	• 25+ \$9.69 • 100+ \$9.32
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4-Pin Nickel Shell / Silver Contacts

NC4FX	Female	\$5.18 Ea.	• 25+ \$4.98 • 100+ \$4.79
NC4MX	Male	\$3.94 Ea.	• 25+ \$3.79 • 100+ \$3.64

4-Pin Black Shell / Gold Contacts

NC4FX-B	Female	\$7.02 Ea.	• 25+ \$6.75 • 100+ \$6.49
NC4MX-B	Male	\$4.97 Ea.	• 25+ \$4.78 • 100+ \$4.60

5-Pin Nickel Shell / Silver Contacts

NC5FX	Female	\$6.69 Ea.	• 25+ \$6.43 • 100+ \$6.18
NC5MX	Male	\$4.93 Ea.	• 25+ \$4.74 • 100+ \$4.56

5-Pin Black Shell / Gold Contacts

NC5FX-B	Female	\$8.28 Ea.	• 25+ \$7.96 • 100+ \$7.65
NC5MX-B	Male	\$6.10 Ea.	• 25+ \$5.87 • 100+ \$5.64

Neutrik D series feature same hole punchouts for both male & female, latch release on female, front or rear panel mounting.

3-Pin Nickel Shell / Silver Contacts

NC3FD-L-1	Female	\$2.94 Ea.	• 25+ \$2.83 • 100+ \$2.72
NC3MD-L-1	Male	\$2.77 Ea.	• 25+ \$2.66 • 100+ \$2.56

3-Pin Black Shell / Gold Contacts

NC3FD-L-1-B	Female	\$3.71 Ea.	• 25+ \$3.57 • 100+ \$3.43
NC3MD-L-1-B	Male	\$3.57 Ea.	• 25+ \$3.43 • 100+ \$3.30

4-Pin Black Shell / Gold Contacts

NC4FDL-1-B	Female	\$6.65 Ea.	• 25+ \$6.39 • 100+ \$6.14
NC4MDL-1-B	Male	\$4.69 Ea.	• 25+ \$4.51 • 100+ \$4.34

5-Pin Black Shell / Gold Contacts

NC5FDL-1-B	Female	\$10.46 Ea.	• 25+ \$10.06 • 100+ \$9.67
NC5MDL-1-B	Male	\$8.27 Ea.	• 25+ \$7.95 • 100+ \$7.64

Neutrik P series feature latch release on female, compatible with Switchcraft D series, and crimped insert vibration protection.

3-Pin Nickel Shell / Silver Contacts

NC3FP-1	Female	\$3.12 Ea.	• 25+ \$3.00 • 100+ \$2.88
NC3MP	Male	\$3.03 Ea.	• 25+ \$2.91 • 100+ \$2.80

3-Pin Black Shell / Gold Contacts

NC3FP-1-B	Female	\$3.91 Ea.	• 25+ \$3.76 • 100+ \$3.62
NC3MP-B	Male	\$3.79 Ea.	• 25+ \$3.64 • 100+ \$3.50

3-Pole XLR Female / 1/4" Stereo Combo Jacks

Combined XLR receptacle and phone jack. Saves racks space by combining 2 connectors in one housing. Hard wire soldering cups. Full normalised. Stereo or mono version.

NCJ5FI-S	• 3-Pin XLR-F & 1/4" mono jack without normalising	• \$2.57
NCJ6FI-S	• 3-Pin XLR-F with 1/4" stereo jack without normalising	• \$3.17
NCJ6FA-H	• 3-Pin XLR-F with 1/4" stereo jack, horizontal PCB mount	• \$1.71



Neutrik XX Series XLRs

Rugged diecast shell & sleek, ergonomic design. Female connectors have cage type contacts, "solder stop" for easy soldering and additional ground contact for best contact integrity between chassis and cable connector. Male connector without locking "window."



NC3FXX	3-Pin Female. Nickel housing and silver contacts	\$2.83 • 50+: \$2.72
NC3FXX-B	3-Pin Female. Black housing and gold contacts	\$4.10 • 50+: \$3.94
NC3FXX-BAG	3-Pin Female. Black housing and silver contacts	\$3.26 • 50+: \$3.13
NC3MXX	3-Pin Male. Nickel housing and silver contacts	\$2.56 • 50+: \$2.46
NC3MXX-B	3-Pin Male. Black housing and gold contacts	\$3.60 • 50+: \$3.46
NC3MXX-BAG	3-Pin Male. Black housing and silver contacts	\$3.08 • 50+: \$2.96

Neutrik HA Crimp Series XLR Connectors

Crimp termination with standard B-crimp tool • Gastight and Solderless connection (RoHS compliant) • improves contact integrity as well cable strain relief



NC3FXX-HA	3-Pin Female XLR Cable End, Silver.....	Your Price \$2.98
NC3FXX-HA-BAG	3-Pin Female XLR Cable End, Black.....	Your Price \$3.34
NC3MXX-HA	3-Pin Male XLR Cable End, Silver.....	Your Price \$2.65
NC3MXX-HA-BAG	3-Pin Male XLR Cable End, Black.....	Your Price \$3.09

Neutrik RX Series 3-Pin Right Angle XLRs

NC3MRX	Male, Nickel & silver.....	\$7.36 • 10+: \$7.08
NC3MRX-B	Male, Black & gold.....	\$8.01 • 10+: \$7.70
NC3MRX-BAG	Male, Black & silver.....	\$7.48 • 10+: \$7.19
NC3FRX	Female, Nickel & silver.....	\$7.39 • 10+: \$7.11
NC3FRX-B	Female, Black & gold contacts.....	\$8.99 • 10+: \$8.64
NC3FRX-BAG	Female, Black & silver contacts.....	\$7.68 • 10+: \$7.38



Neutrik D Series XLR Panel Mount Feedthrus

NA3FDM	• Female Front, Male Rear • \$8.58 • 10+: \$8.25
NA3MDF	• Male Front, Female Rear • \$7.52 • 10+: \$7.23



Neutrik C Series Boots / XX Series Bushings

C Series Boots

BSP-* • \$0.67

*ADD COLOR CODING:

BL - Blue	BR - Brown
GR - Grey	GN - Green
RD - Red	O - Orange
Y - Yellow	V - Violet
W - White	



BXX

XX Series Bushings

BXX-* • \$0.85

*ADD COLOR CODING:

BK - Black	BL - Blue
RD - Red	OR - Orange
YW - Yellow	GR - Green
VT - Violet	WE - White
BN - Brown	GY - Grey



NT-BSX

XX Series Boots

NT-BSX-* • \$0.82

*ADD COLOR CODING:

BK - Black	BE - Blue
RD - Red	OE - Orange
YW - Yellow	GN - Green
VT - Violet	WE - White
BN - Brown	GY - Grey

Neutrik Water Resistant XLR Connectors

Heavy duty XLR cable connector for outdoor use. All metal design, dust and water protected according to IP 65 by mating with related XX-HD cable connector or MPR-HD chassis connector. Gold contacts standard.



NC3MX-HD	3-Pin Stainless Steel Male XLR with metal boot.....	\$8.68 Ea.
NC3FX-HD	3-Pin Female XLR, metal boot with rubber jacket.....	\$8.26 Ea.
NC3FXX-HD-D	XX Series 3-Pin Female XLR.....	\$7.69 Ea.
NC3MXX-HD-D	XX Series 3-Pin Male XLR.....	\$7.69 Ea.

Military Gauge 1/4" & TT Plugs

NP3TB-B	Black Phone Patch Plug	\$6.30 Ea. • 25+ \$6.06 • 100+ \$5.83
NP3TB-R	Red Phone Patch Plug	\$6.12 Ea. • 25+ \$5.94 • 100+ \$5.76
RCA PROFI CONNECTOR		
NF2CB-2	Pair of two (black & red) housing, gold contacts.....	\$17.72



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etherCON® | opticalCON®**

We put our long time know-how and our whole passion into our innovative products and unique solutions. No matter whether a rock band or a lighting designer, an industrial application or a broadcast studio – NEUTRIK offers high quality and reliable solutions for every application.

NEUTRIK®

Switchcraft Flex Series 1/4" Plugs

With an updated case, true rubber flex relief, and the one piece plug finger, all designed and assembled in the USA, the flex series is the latest addition to Switchcraft's line of superior interconnects. Connectors incorporate a true rubber flex relief with two different diameters to accommodate common cable sizes. Standard models are for 0.19" - 0.22" diameter cable. 'L' (large) models are for 0.22" - 0.25" diameter cable.

SW-280FPKG	2-Conductor Plug, Solder	Your Price \$2.75
SW-280FLPKG	2-Conductor, Large, Solder	Your Price \$2.75
SW-290FPKG	3-Conductor, Screw Terminals	Your Price \$6.89
SW-290FLPKG	3-Conductor, Large, Screw Terminals	Your Price \$6.89
SW-297FPKG	3-Conductor, Solder	Your Price \$5.29
SW-297FLPKG	3-Conductor, Screw Terminals	Your Price \$5.57

Switchcraft Tini-QG Series Right Angle Mini XLR Connectors

Right angle Tini-QG mini XLR connectors are made from high-quality thermoplastic and nickel plated brass. High-quality flex relief for maximum durability, silver or gold-plated BeCu contacts to ensure excellent Connectivity. Rotatable handle for achieving desired angle during installation.

SW-TARA3FX	3-Pin Female	Your Price \$9.78
SW-TARA3MX	3-Pin Male	Your Price \$8.14
SW-TARA4FX	4-Pin Female	Your Price \$9.78
SW-TARA4MX	4-Pin Male	Your Price \$8.88
SW-TARA5FX	5-Pin Female	Your Price \$11.36
SW-TARA5MX	5-Pin Male	Your Price \$9.86

Switchcraft 303 3-Pin Male to Female XLR with -20db Pad, Ground Lift & Phase Inverse

The Switchcraft 303 Inline controlled connector provides three easily accessible, switchable control functions. The 303's all metal design that utilizes the durability of Switchcraft male and female XLR connectors, plus easy access, high performance control switches. Fully passive, with latching mechanism on both ends.

SW-303 • Your Price \$41.99

Switchcraft 318BT Phantom Powered Bluetooth Audio Receiver

The 318BT Phantom Powered Bluetooth Audio Receiver is an essential item for pro audio applications of all your bluetooth devices. It sports an XLR male connector to interface with your audio mixer or powered speaker and is as simple as Plug, Connect, Play! No more fumbling with a tangle of wires to connect your audio devices or smartphones.

SW-318BT • Your Price \$109.99

Switchcraft 318 AudioStix 1/8 Inch Stereo Jack to Balanced Mono 3-Pin Male XLR

AudioStix from Switchcraft are the newest additions to our expanding line of premium pro audio products. It can be used as stand-alone adapters, rear mounted into our modular QGPK Series rack panels, or permanently installed into any number of custom racks and wall plates. AudioStix are made in the USA. #318: 1/8 Stereo Jack to Balanced, Mono 3-Pin Male XLR with Volume Control and Ground Lift Switch.

SW-318 • Your Price \$59.99



Switchcraft Pro Audio



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Switchcraft Pro Audio



AAA3MZ

Switchcraft Pro Audio

Switchcraft Q-G 2-Piece XLRs

The AAA Series or Q-G Twist XLR features an easy twist on combination handle/strain relief, and a reduced number of assembly parts. Only two parts to assemble - slide the handle onto the cable, solder the terminations, and twist on the handle. As the handle is tightened, the strain relief tightens around the outer jacket of the cable. Teeth on the strain relief keep it from rotating around the cable jacket and twisting the cable.

AAA3FPZ	Female, Plastic Handle	\$2.06 Ea. • 25+ \$2.00 • 100+ \$1.94
AAA3MPZ	Male, Plastic Handle	\$1.89 Ea. • 25+ \$1.83 • 100+ \$1.78
AAA3FZ	Female, Nickel Handle	\$2.26 Ea. • 25+ \$2.19 • 100+ \$2.13
AAA3MZ	Male, Nickel Handle	\$2.08 Ea. • 25+ \$2.02 • 100+ \$1.96

Switchcraft Switchcraft A Series XLR Cable Ends

	Pins	Gender	Shell/Contacts	
A3F	3	Female	Nickel/Silver	\$2.99 Ea. • 25+ \$2.85 • 100+ \$2.76
A3M	3	Male	Nickel/Silver	\$2.72 Ea. • 25+ \$2.60 • 100+ \$2.53
A3FBAUX	3	Female	Black/Gold	\$5.23 Ea. • 25+ \$5.07 • 100+ \$4.92
A3MBAU	3	Male	Black/Gold	\$4.65 Ea. • 25+ \$4.51 • 100+ \$4.38
A4F	4	Female	Nickel/Silver	\$4.99 Ea. • 25+ \$4.84 • 100+ \$4.70
A4M	4	Male	Nickel/Silver	\$4.12 Ea. • 25+ \$4.00 • 100+ \$3.88
A5F	5	Female	Nickel/Silver	\$7.99 Ea. • 25+ \$7.70 • 100+ \$7.44
A5M	5	Male	Nickel/Silver	\$7.17 Ea. • 25+ \$6.95 • 100+ \$6.75



A3F



A3M

Switchcraft 3.5mm Heavy Duty Cable Ends

One piece tip rod with flat for easy solderability • Compliments current line of 3.5 mm jacks • Heavy Duty cable clamp provides better strain relief for larger cables • Longer cable clamp for easier plug assembly and more room for solder connections • Knurl on the back of handle provides ergonomic gripping surface to tighten plug • Tubular insulator included to prevent solder joints from contacting handle



35HDNN

35HDBABAU

	Contacts	Shell/Contacts	Each	25+	100+
35HDNN	3	Nickel/Nickel	\$5.18	\$5.03	\$4.88
35HDBN	3	Black/Nickel	\$3.83	\$3.72	\$3.60
35HDBAU	3	Black/Gold	\$4.48	\$4.35	\$4.22
35HDNAU	3	Nickel/Gold	\$4.48	\$4.35	\$4.22

Right Angle Series

35HDBABAU	3	Black/Gold	\$9.03	\$8.76	\$8.50
35HDBRANN	3	Nickel/Nickel	\$5.95	\$5.77	\$5.60
35HDBRANAU	3	Nickel/Gold	\$8.63	\$8.37	\$8.12

Switchcraft 1/4" Phone Connectors

	Contacts	Shell/Contacts	Type	Each	25+	100+
SW280	2	Nickel/Nickel	1/4" Male Cable End	\$1.99	\$1.93	\$1.87
SW226	2	Nickel/Nickel	Right Angle 1/4" Male Cable End	\$3.96	\$3.84	\$3.73
SW228	2	Nickel/Nickel	1/4" Flat Plug/Shielded Handle	\$4.12	\$4.00	\$3.88
SW11	2	Nickel/Nickel	1/4" Female Chassis Mt.	\$1.57	\$1.52	\$1.48
SW297	3	Nickel/Nickel	1/4" Male Cable End	\$4.80	\$4.66	\$4.52
SW236	3	Nickel/Nickel	Right Angle 1/4" Male Cable End	\$5.07	\$4.92	\$4.77
SW12B	3	Nickel/Nickel	1/4" Female Chassis Mt.	\$1.63	\$1.58	\$1.53



SW280

Switchcraft®

iPanelCAD™ FREE APP!

Markertek Panel Design APP

iPanelCAD is Markertek's free browser-based application for both Mac & PC for designing custom wall plates, rack panels and more for broadcast & professional AV applications! Universally designed for mobile and desktop devices so you can use it anywhere.

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- Massive Drag & Drop Connector & Parts Library
- All Work Performed In-House
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Custom Cables for All Fiber, Video & Audio Applications



Custom Metal Patch Bays & Panels

Nobody offers the full range of custom services for the broadcast, pro-audio and presentation professional like Markertek. Why not send us all of your custom needs and let us create those one of a kind solutions that make your projects all come together?

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Our in-house facility uses the finest, state-of-the-art equipment to produce custom cables and interface solutions that you require. Our shop is LEMO, Neutrik & Belden Certified, RoHS compliant and has the latest test equipment to produce 100% quality controlled cable assemblies.

Custom Metal Shop

Our in-house metal shop utilizes the very latest in laser & plasma cutters to produce anything and everything the media professional requires. Custom panels, wall plates, cable reels, stage boxes, wall & floor pockets in any quantity are only a phone call away.

Markertek You-Design-It Custom Patch Bays

Now you can design your own custom patch bay - fiber, audio and video - loaded with the connectors of your choice. Choose from the highest quality connectors in the industry. Names like Neutrik, Canare, Switchcraft, Senko, and TecNec. The 24XU features two rows of 12 positions for a total of 24 connector possibilities. The 8XU features one row of 8 positions. All connectors are precision mounted on a steel 19" rack panel. Each bay is fabricated in our factory and shipped to you complete and ready-to-use.

Order Custom XU Patchbays and more at:

www.markertek.com/custom/services

8XU	8 Point Custom Universal Patch Bay, 1RU	\$99.00
16XU	16 Point Custom Universal Patchbay, 1RU	\$149.00
32XU	32 Point Custom Universal Patchbay.....	\$199.00

Supply Connector choices & panel location with order



YOU THINK OF IT, WE'LL BUILD IT!

The Markertek metal team can build any panel, wall plate, wall box or floor pocket incorporating any combination of fiber, audio, video, data & communications connection. We have achieved certification from the best names in the industry. Save time and money. Design your project with us today!





**The Stock Broadcast Trailer
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and rack
ready deluxe
control room
interiors.*

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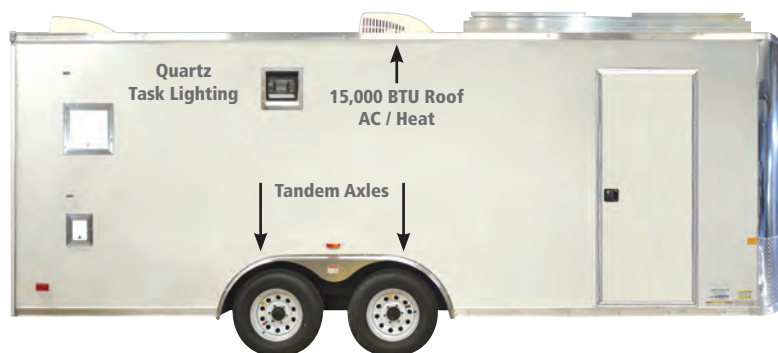
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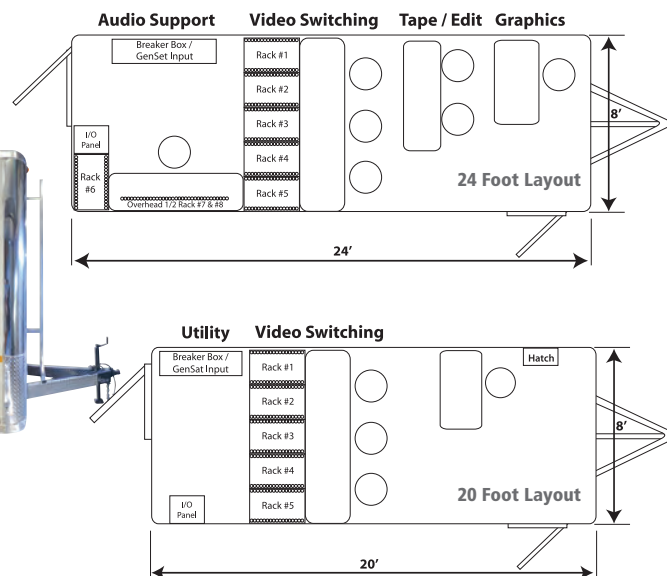
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**A Rack Ready Rolling Low
Cost Production Unit!**

20 Foot!



VPTR-1 • \$21,999.99



20 Foot Model Features

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- 8 Ft. Console Table
- Five 19" Racks (37RU Per Rack)
- 4 Lockable Cable I/O Hatches
- Fully Insulated Walls & Ceiling
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- 1 Motorized Roof Vent w/Rain Guard
- 36" Lockable Passenger Door
- 40" Lockable Rear Door
- Exterior Quartz Light
- Aluminum Rivetless Exterior in White

- Dexter Torflex Twin Axles (2x 3500 Lb.)
- Premium Radial Tires & Gray Mods
- 3,000+ Lbs. of Extra Gear Carrying Capacity
- Rear Bogey/Skate Wheel "Bottom Out" Protection
- Dual Rear Stabilizers
- Aluminum Pull-Out Steps
- Bright Front Corners - ATP Stoneguard

CERTIFIED FIBER REPAIRS

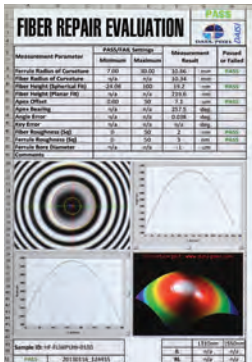
**Make Markertek Your #1 Fiber Optic Repair Source
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We are an established high volume factory certified and trained custom fiber shop geared specifically for the needs of Broadcast, Pro-Audio and Pro-AV Industry Professionals.



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Full Diagnostics Provided
with EVERY Repair!

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- Low Cost Evaluations & Fast, High Volume Service
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Regardless of Manufacturer
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Crimped to Specification

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Saugerties, NY 12477
fiberrepair@markertek.com

Please include full contact information with
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Strain Relief & Adhesive is Proper & Present



Our fiber lab has been officially recognized for achieving the industry's highest level in quality & standards by earning Canare, Neutrik opticalCON & LEMO Certification. Our cables passed vigorous testing in multiple environments on the first attempt!



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