

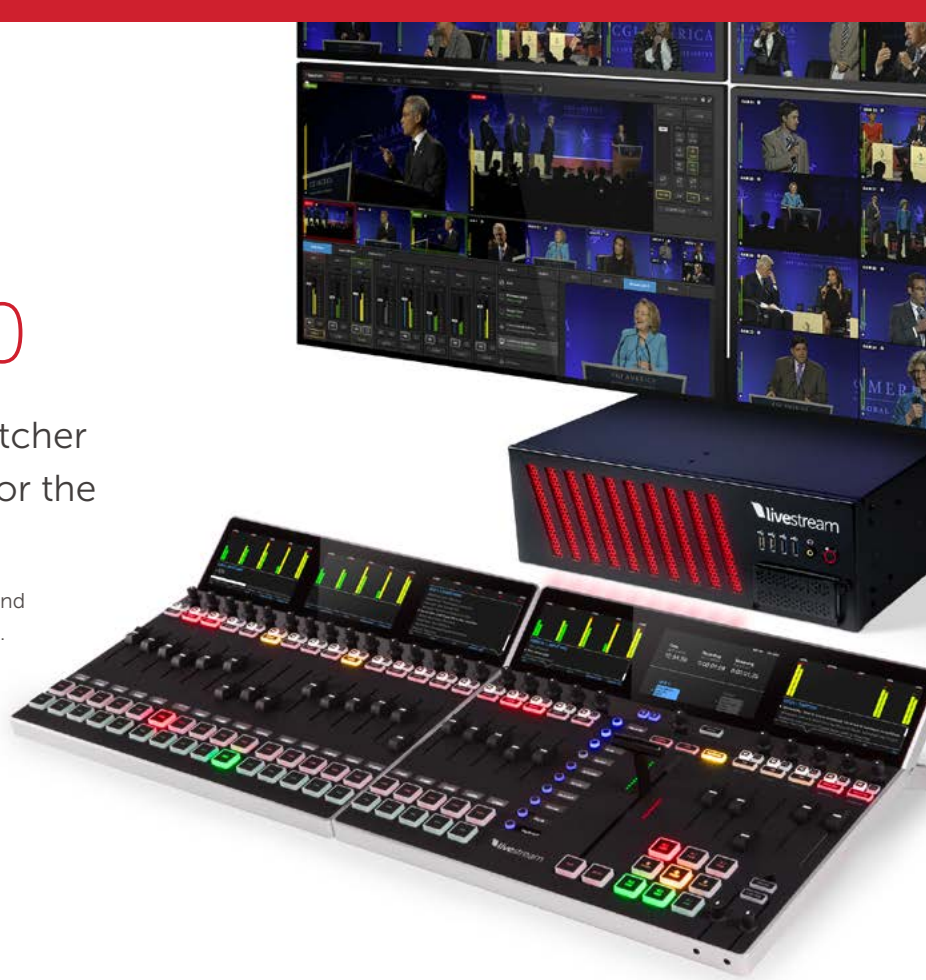


Studio HD1710

Supercharged rack-mount switcher with bundled control surface for the most demanding productions.

Perfect for control rooms, production trucks, venue and studios where a rack mountable form factor is a must. Studio HD1710 combines big switcher production capability with an affordable price. Full Studio Surface track and core modules included!

Learn more at new.livestream.com/studio/hd1710



Core Features



5x SDI inputs



1x SDI / HDMI output



Up to 2 screens



2 Remote camera tracks



2 Media tracks



3 GFX tracks



2x Removable 2TB Drives



20 hours of broadcast quality recording



64 GB DDR3 RAM



SSD System for fast booting



2 dedicated analog audio-in via Studio



Integrated bonding



Removable rack mount slide rails



Front-panel USB / headphone



Included Studio Control Surface Track and Core Modules



Plus all the features of Livestream Studio

Learn more at new.livestream.com/studio

HD-SDI Inputs (Streaming Only)	17
Embedded Audio Input	17 Stereo or 136 Mono Inputs
Audio Monitoring (1/8")	1
HDMI Inputs	1
HDMI Outputs	1
Standard Definition SDI Output	1
Composite Input (BNC)	1
Composite Output (BNC)	1
S-Video Input	1
S-Video Output	1
Component Input	1
Component Output	1
Analog Audio (1/8") Input	1
Analog Audio (1/8") Output	1
Analog Audio (1/4") Input	2
Analog Audio (1/4") Output	2
AES/EBU Input	2
AES/EBU Output	2
Additional AES/EBU or Analog Audio Output	2
Tom Bihn Carry Bag	Not Available
Livestream Studio Surface (Core Module)	Included
Livestream Studio Surface (Track Module)	Included
Livestream Studio Keyboard	Included
Media Sources	Integrated digital media sources for video & graphics playback. 2 DDRs (video clip playback with built-in transcoder), 3 GFX (graphics), 2 Color Bars / Background Color
Remote Camera	2x Remote Camera support for Livestream Broadcaster, Windows computer, iOS, Android, Google Glass over local Wifi or ethernet network
Format Converter	Built-in broadcast quality format converter for every input with automatic format detection. Allows use of any camera and video source without matching video formats
Built-In Multiview	On-screen full field rate multiview of all live inputs, Preview, Program Out, GFX and DDR, Audio PPM overlay with peak hold feature on all inputs and outputs. Resizable layout allowing hiding of all controls to maximize multiview screens.
External Multi-Screens	4x Extended Screen outputs using Mini DisplayPort. *
Video Switcher / Mixer	Mixer & Effects Bank (M/E) with no upstream keyer. transitions : SMPTE Wipe, Cut & Fade (Auto transition with adjustable duration in frames, manual via on-screen T-BAR or keyboard shortcuts)
Graphics Downstream Key	3x Graphics DSK (downstream key) channels. One channel for GFX1, one channel for GFX2, and one channel for GFX3. Independent or locked transition controls (fade/cut). Preview on multiview
Graphics & Titling	Load JPG or PNG files (full transparency support with PNG files). Add text (set position/font/size/color) over any loaded image file within the GFX1, GFX2, or GX3.

Video clip Playback	2 Media Players - Eject/Load clip. Play Pause/stop. Audio/Video Scrubber. Timecode indicator. Seek to timecode. Mark In/Mark Out. Loop. Auto-play on transition
Recording	MJPEG with uncompressed audio. Interlacing and timecode support. Full compatibility with Blackmagic Design Media Express and Adobe Premiere.
Recording Capacity	~60 hours at 1080i (Using 3 1 TB built in Hard Drive with recorder set to record at 100Mbps MJPEG AVI)
Live Streaming	HD live streaming via Gigabit/100/10 built-in Ethernet. Presets in up to HD 720p. Multiple simultaneous bit-rates, including mobile quality for playback over 3G on mobile devices (iPhone/Android). Integrated live streaming to Livestream or any other RTMP compatible service including Ustream, YouTube Live, Akamai, Wowza Media Server.
Audio Mixing	Integrated multi-channel audio mixer for internal and external audio sources, outputs, stream and headphones. Incorporated video switcher follow feature with audio crossfade support when fading two video sources.
Supported Formats	HD: 720p50, 720p59.94, 720p60, 1080PsF23.98, 1080p23.98, 1080PsF24, 1080p24, 1080PsF25, 1080p25, 1080PsF29.97, 1080p29.97, 1080PsF30, 1080p30, 1080i50, 1080i59.94 and 1080i60 SD: 625/25 PAL, 525/29.97 NTSC, 525/23.98 NTSC
Playback Media Formats	GFX: JPEG or PNG image files with transparency support. DDR: AVI MJPEG with uncompressed audio, DV Video, WMV (7/8/9), H.264 (.mov & .avi), MPEG4 Part 2 (.mov & .avi), MPEG4 V1/V2 (.mov & .avi), AAC, MP3
Record Media Formats	AVI MJPEG with uncompressed audio
Operating System	Windows 7 Professional (64 bit)
CPU	Intel "Sandy Bridge-E" Core i7 3930K 3.2 GHz Six-Core processor, 12MB L3 cache, 130W, Socket LGA 2011
Graphics Card	ATI Firepro™ 2460 Multi-View Professional Graphics PCI Express 2.0 Graphics card quad output
Storage	Dual quick-time front removable (2) x WD Red 1TB/7200 RM ISO recording drives, mid-plane, access door, receiver mounting kits. 1 internal fix mounted WD Red 1TB/7200 RM ISO hard drive & 1 internal fix mounted 120GB SSD OS / application drive.
RAM	64 GB 8 total DDR3 1600Mhz Non-ECC (16GB X 4 Dimm configuratio
Processing	Video: 4:2:2, 10 bit Color (REC 601, REC 709) Audio: 48 kHz, 24-bit REF IN/Genlock (Requires genlocking the two Blackmagic Design cards via two separate connectors
Built-in Video Input/ Output Cards	4 Blackmagic Design DeckLink Quad (PCI) Blackmagic Design DeckLink Studio (PCI)
Included in the box	Power cable 16 BNC Female to DIN 1.0/2.3 RG-59 SDI Cable (for SDI inputs on Blackmagic Design Quad card), Livestream Studio™ Keyboard, Mouse, Livestream Mousepad, Rack-mount slide rail kit, Rubber Feet, Blackmagic DeckLink Studio Breakout Cable, Blackmagic Design cards, documentation and driver CD. Warranty.
Physical Dimensions	13.64" (D) x 16.75" (W) x 4.75" (H) ~22.6 lbs

* External screens not included.

Specifications are subject to change. For complete technical specifications, please visit new.livestream.com/studio

Pricing and availability may vary. Please contact your local reseller for details.

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