KRAMER

VS-1616DN
2x2 to 16x16 Modular 4K60 4:2:0
MultiFormat Digital Matrix Switcher

| VGA/UXGA - 15-pin HD | DVI | HDMI
| Ethernet - RJ-45 | HDCP Compliant | DGKat
| Kramer Core | HDBaseT | 4K/60 UHD (4:2:0)

VS1616DN is a highperformance 2x2 to 16x16 4K@60Hz (4:2:0) modular matrix switcher chassis for AV signals. The unit is a multiformat digital switcher, populated from 2x2 to 16x16 in increments of two inputs and/or two outputs. The chassis includes optional dual, redundant power supplies, a control module and a test module that can monitor and test any input and output in the matrix. VS1616DN supports a wide variety of input and output cards for different AV signals

FEATURES

Kramer Core™ - FLEXIBLE INFRASTRUCTURE CONVERSION! Copper, Fiber or Twisted Pair all can be used at the same time, according to input/output module selection. The matrix receives signals from compatible Kramer transmitters, automatically converts between available infrastructure options and sends the signals to compatible Kramer receivers. Kramer Core™ solution is the ultimate in versatility!

Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel) when using compatible cards

HDTV Compatible

HDCP Compliant - With DVI (HDCP), HDMI, F670, HDBaseT, HDMI with audio and DGKat modules

HDMI Support

Cables - For optimum range and performance, use the recommended Kramer cables

Kramer Equalization & reKlocking™ Technology - Rebuilds the digital signal to travel longer distances

Optional Fast Switching Support - For fraction of a second switching

Modular & Easily Configurable Platform - Input or output module types can be mixed and added in increments of 2 from 2x2 up to 16x16

Protocol 3000 Support

Flexible Configuration - To disable HDCP support and convert between HDMI and DVI

Default EDID - For each input

EDID Capture - Copies and stores the EDID from a display device

Take Button - Executes multiple switches all at once

Memory Locations - Stores multiple switches as presets to be recalled and executed as needed

Test Pattern Module - With 4 output resolutions for troubleshooting video problems and additional monitor port with audio embedding and deembedding

Front Panel Lockout

Second Power Supply - Redundant, hotswappable (optional)

Modular Cooling System - 2 easily replaceable, lownoise, hotswappable fan racks

Flexible Control Options - Front panel, IR remote, RS232, Ethernet, KRouter Plus™ software application

Worldwide Power Supply - 100240V AC

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TECHNICAL SPECIFICATIONS

INPUTS:	2 to 16 (in increments of 2) of various inputs see ACCESSORIES & RELATED PRODUCTS
OUTPUTS:	2 to 16 (in increments of 2) of various outputs see ACCESSORIES & RELATED PRODUCTS
MAX. DATA RATE:	10.2Gbps (3.4Gbps per graphic channel) depending on the cards used
MAX RESOLUTION:	Up to 4K@60Hz (4:2:0)
CONTROLS:	Front panel buttons, infrared remote control transmitter, RS232, Ethernet
SWITCHING:	Confirm or At Once for immediate switching
POWER CONSUMPTION:	100240V AC, 50/60Hz, 135VA
MAX. NOISE	43DB
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	40° to +70°C (40° to 158°F)
HUMIDITY:	10% to 90%, RHL noncondensing
INCLUDED ACCESSORIES:	Power cord, infrared remote control transmitter

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