KRAMER

VS-88UHD
8x8 4K60 4:2:0 Matrix Switcher

VS88UHD is a highquality 8x8 matrix switcher for 4K@60Hz (4:2:0) HDMI signals and embedded audio. It reclocks and equalizes the signals and can route any one of eight HDMI, HDCPcompliant sources (selectable) to any or all outputs simultaneously. VS88UHD 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 to produce an equivalent 16x12 audio matrix

FEATURES

Max. Data Rate - 8.91Gbps data rate (2.97Gbps per graphics channel)

Max. Resolution - 4K@60Hz (4:2:0)

Independent 16x12 Audio Matrix - With 8 embedded digital inputs + 8 ARC inputs and 8 digital outputs + 4 ARC outputs

Kramer StepIn Over HDMI Technology

HDMI, HDCP and DVI Compliance

Selectable HDCP Off per Input

Memory Locations - 16 presets for quick access to common configurations

Advanced EDID Management per Input

Active Source & Acceptor Detection

Automatic Input Selection - Based on priority selection or last connected input

HDMI Support - Deep Color, 3D, ARC, up to 7.1 uncompressed audio channels

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

Embedded Pattern Generator - With selectable patterns

Lock Button - To prevent tampering

Kramer Protocol 3000 Support

Firmware Upgrade - Via mini USB, Ethernet or the RS232 port

Control Options - RS232 serial commands transmitted by a PC, touch screen system or other serial controller, Ethernet port via LAN, embedded Web pages via LAN for configuration and control

Size - Standard 19" (1U). Rack "ears" included

TECHNICAL SPECIFICATIONS

8 HDMI	On female HDMI connectors
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1 Programming	On a Mini–USB connector
1 RS–232	On a 3pin terminal block connector
1 Ethernet	On an RJ45 connector
1 USB	On a USBtype A connector for powering an external device
Max. Resolutions	4K@60Hz (4:2:0) and 4K@30Hz (4:4:4)
Standards Compliance	HDMI 1.4 and HDCP 1.4
PRODUCT DIMENSION:	19" x 9.34 x 1U (43.6cm x 23.72cm 4.36cm) W, D, H
PRODUCT WEIGHT:	2.4kg (5.3lbs) approx
SHIPPING DIMENSION:	52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21") W, D, H
SHIPPING WEIGHT:	3.3kg (7.3lbs) approx
Indicators	OUTPUT/INPUT LED Display
Control	Front panel buttons, RS–232, Ethernet remote connection
Source	100240V/5060Hz
Consumption	600mA
Operating Temperature	0° to +40°C (32° to 104°F)
Storage Temperature	–40° to +70°C (–40° to 158°F)
Humidity	10% to 90%, RH (non–condensing)
Included	Rack ears, power cord