VS-84UHD
8x4 4K60 4:2:0 Matrix Switcher

VS-84UHD is a high-quality 8x4 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, HDCP-compliant sources (selectable) to any or all outputs simultaneously. VS-84UHD 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 12x8 audio matrix.

FEATURES

Max. Data Rate - 8.91Gbps data rate (2.97Gbps per graphics channel)
Max. Resolution - 4K@60Hz (4:2:0)
Independent 12x8 Audio Matrix - With 8 embedded digital inputs + 4 ARC inputs and 4 embedded digital outputs + 4 ARC outputs
Kramer Step-In Over HDMI Technology
HDMI, HDCP and DVI Compliance
Selectable HDCP Off per Input
Memory Locations - 12 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 RS-232 port
Control Options - RS-232 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

Inputs
8 HDMI On female HDMI connectors

Outputs
4 HDMI On female HDMI connectors

Ports
1 Programming On a Mini–USB connector
1 RS–232 On a 3–pin terminal block connector
1 Ethernet On an RJ–45 connector
1 USB On a USB–type A connector for powering an external device

Video
Max. Resolutions 4K@60Hz (4:2:0) and 4K@30Hz (4:4:4)
Standards Compliance HDCP 1.4

User Interface
Indicators OUTPUT/INPUT LED Display
Control Front panel buttons, RS–232, Ethernet remote connection

Power
Source 100–240V/50–60Hz
Consumption 500mA

Environmental Conditions
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)

Accessories
Included Rack ears, power cord

Product Dimensions
19” x 9.34 x 1U (43.6cm x 23.72cm x 4.36cm) W, D, H

Product Weight
2.4kg (5.3lbs) approx

Shipping Dimensions
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