VS-48UHD
4x8 4K60 4:2:0 Matrix Switcher

| HDMI | Ethernet - RJ-45 | 4K/60 UHD (4:2:0)

VS‑48UHD is a high‑quality 4x8 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 four HDMI, HDCP‑compliant sources (selectable) to any or all outputs simultaneously. VS‑48UHD 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 12x10 audio matrix

FEATURES

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

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

Independent 12x10 Audio Matrix - With 4 embedded digital inputs + 8 ARC inputs and 8 digital outputs + 2 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

Firmware Upgrade - Via mini USB, Ethernet or the RS‑232 port

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

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

KRAMER

TECHNICAL SPECIFICATIONS

4 HDMI	On female HDMI connectors
8 HDMI	On female HDMI connectors
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
Max. Resolutions	4K@60Hz (4:2:0) and 4K@30Hz (4:4:4)
Standards Compliance	HDMI 1.4 and HDCP 1.4
Indicators	OUTPUT/INPUT LED Display
Control	Front panel buttons, RS–232, Ethernet remote connection
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
Source	100–240V/50–60Hz
Consumption	500mA
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