



# KRAMER

## VS-44UHD

4x4 4K60 4:2:0 HDMI Matrix Switcher

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



VS-44UHD is a high-quality 4x4 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-44UHD 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 on all ports to produce an equivalent 8x8 audio matrix

## FEATURES

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



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## TECHNICAL SPECIFICATIONS

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Inputs	4 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 HDMI 1.4 and 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 DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H 19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	1.9kg (4.1lbs) approx 1.9kg (4.1lbs) approx
SHIPPING DIMENSION:	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21" ) W, D, H 55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21" ) W, D, H
SHIPPING WEIGHT:	2.9kg (6.4lbs) approx