



## VS-42H2

4x2 4K HDR HDMI HDCP 2.2 Matrix Switcher

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



VS-42H2 is a high-performance 4x2 matrix switcher for 4K HDR HDMI signals. It reclocks and equalizes the signals and can route any one of four HDMI, HDCP-compliant sources (selectable) to any or all outputs simultaneously

### FEATURES

**High-Performance AV Matrix** - Switches 4 4K@60Hz (4:4:4) HDR HDMI HDCP-compliant signals to 2 18G 4K@60Hz (4:4:4) HDR HDMI HDCP-compliant outputs at up to 18G data rate. Signals are HDCP 2.2/1.4 compliant

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

**EDID Management** - Individual EDID management per input. Captures and stores the EDID from a display device

**Flexible Content Protection** - Selectable HDCP per input

**Quick Access to Common Configurations** - Save up to six preset configurations

**Convenient Unit Control and Configuration** - Local control via front panel switching, mute, lock and EDID buttons, and IR remote control. Distance control via user-friendly embedded web pages via the Ethernet, Protocol 3000 API, and RS-232 serial commands transmitted by a PC, touch screen system or other serial controller

**Cost-Effective Maintenance** - Power status, IR and Input Selection indicators facilitate easy local maintenance and troubleshooting. Local firmware upgrade via USB or RS-232 connection ensures lasting, field-proven deployment

**Easy Installation** - Half-19" size enables mounting in a 1U rack space with the recommended rack adapter



## TECHNICAL SPECIFICATIONS

---

Inputs	4 HDMI: On female HDMI connectors
Outputs	2 HDMI: On female HDMI connectors
Ports	1 Ethernet: On an RJ-45 female connector 1 RS-232: On a 3-pin terminal blocks 1 USB: On a mini USB connector 8 Remote Selection Contact-Closure Switches: On 9 terminal block pins
Video	Max. Resolution: 4K@60Hz 4:4:4 Max. Data Rate: 18Gbps (6Gbps per graphic channel) Compliance: HDCP 2.2/1.4
User Interface	Control: Input selector, output mute, EDID capture, and panel lock buttons. DIP switch HDCP configuration Indicators: Switching, IR, and power LEDs
Power	Source: 5V DC Consumption: 2.5A
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
STANDARDS COMPLIANCE	Safety: CE Environmental: RoHs, WEEE
Enclosure	Size: Half-19" 1U Type: Aluminum Cooling: Convection ventilation
Accessories	Included: Power adapter, rubber feet, IR remote control transmitter
Product Dimension	21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72" ) W, D, H
Product Weight	1.0kg (2.1lbs) approx
Shipping Dimension	35.10cm x 21.20cm x 7.20cm (13.82" x 8.35" x 2.83" ) W, D, H
Shipping Weight	1.6kg (3.5lbs) approx

