



## 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

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|--------------------------|---|
| Inputs                   | 4 HDMI: On female HDMI connectors   |
| Outputs                  | 2 HDMI: On female HDMI connectors   |
| Ports                    | 1 Ethernet: On an RJ-45 female connector<br>1 RS-232: On a 3-pin terminal blocks<br>1 USB: On a mini USB connector<br>8 Remote Selection Contact-Closure Switches: On 9 terminal block pins |
| Video                    | Max. Resolution: 4K@60Hz 4:4:4<br>Max. Data Rate: 18Gbps (6Gbps per graphic channel)<br>Compliance: HDCP 2.2/1.4  |
| User Interface           | Control: Input selector, output mute, EDID capture, and panel lock buttons. DIP switch HDCP configuration<br>Indicators: Switching, IR, and power LEDs                                      |
| Power                    | Source: 5V DC<br>Consumption: 2.5A  |
| Environmental Conditions | Operating Temperature: 0° to +40°C (32° to 104°F)<br>Storage Temperature: -40° to +70°C (-40° to 158°F)<br>Humidity: 10% to 90%, RH non-condensing  |
| STANDARDS COMPLIANCE     | Safety: CE<br>Environmental: RoHs, WEEE   |
| Enclosure                | Size: Half-19" 1U<br>Type: Aluminum<br>Cooling: Convection ventillation   |
| Accessories              | Included: Power adapter, rubber feet, IR remote control transmitter (upon request)  |
| Product Dimensions       | 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 Dimensions      | 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   |



