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

<table>
<thead>
<tr>
<th>Inputs</th>
<th>4 HDMI: On female HDMI connectors</th>
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</thead>
<tbody>
<tr>
<td>Outputs</td>
<td>2 HDMI: On female HDMI connectors</td>
</tr>
<tr>
<td>Ports</td>
<td>1 Ethernet: On an RJ–45 female connector</td>
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<td></td>
<td>1 RS-232: On a 3-pin terminal blocks</td>
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<td></td>
<td>1 USB: On a mini USB connector</td>
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<tr>
<td></td>
<td>8 Remote Selection Contact-Closure Switches: On 9 terminal block pins</td>
</tr>
<tr>
<td>Video</td>
<td>Max. Resolution: 4K@60Hz 4:4:4</td>
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<tr>
<td></td>
<td>Max. Data Rate: 18Gbps (6Gbps per graphic channel)</td>
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<td></td>
<td>Compliance: HDCP 2.2/1.4</td>
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<tr>
<td>User Interface</td>
<td>Control: Input selector, output mute, EDID capture, and panel lock buttons. DIP switch HDCP configuration</td>
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<tr>
<td></td>
<td>Indicators: Switching, IR, and power LEDs</td>
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<tr>
<td>Power</td>
<td>Source: 5V DC</td>
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<tr>
<td></td>
<td>Consumption: 2.5A</td>
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<tr>
<td>Environmental Conditions</td>
<td>Operating Temperature: 0° to +40°C (32° to 104°F)</td>
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<tr>
<td></td>
<td>Storage Temperature: –40° to +70°C (–40° to 158°F)</td>
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<tr>
<td></td>
<td>Humidity: 10% to 90%, RH non-condensing</td>
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<tr>
<td>STANDARDS COMPLIANCE</td>
<td>Safety: CE</td>
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<tr>
<td></td>
<td>Environmental: RoHs, WEEE</td>
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<tr>
<td>Enclosure</td>
<td>Size: Half−19&quot; 1U</td>
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<tr>
<td></td>
<td>Type: Aluminum</td>
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<tr>
<td></td>
<td>Cooling: Convection ventilation</td>
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<tr>
<td>Accessories</td>
<td>Included: Power adapter, rubber feet, IR remote control transmitter (upon request)</td>
</tr>
<tr>
<td>Product Dimensions</td>
<td>21.46cm x 16.30cm x 4.36cm (8.45&quot; x 6.42&quot; x 1.72&quot;) W, D, H</td>
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<tr>
<td>Product Weight</td>
<td>1.0kg (2.1lbs) approx</td>
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<tr>
<td>Shipping Dimensions</td>
<td>35.10cm x 21.20cm x 7.20cm (13.82&quot; x 8.35&quot; x 2.83&quot;) W, D, H</td>
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<tr>
<td>Shipping Weight</td>
<td>1.6kg (3.5lbs) approx</td>
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