



## VS-42UHD

4x2 4K60 4:2:0 HDMI Automatic Matrix Switcher

| HDMI | Ethernet - RJ-45



VS-42UHD is a high-quality, 4x2 matrix switcher for 4K@60Hz (4:2:0) HDMI signals. It reclocks and equalizes the signals and can route any input to either or both outputs simultaneously

## FEATURES

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

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

**HDCP 1.4 Compliant**

**True Video Clock Detection**

**Automatic Switching Modes** - Last connected and priority switching

**HDMI Support** - 3D, Deep Color, x.v.Color™, Lip Sync, Dolby® TrueHD, Dolby Digital Plus, DTS-HD®, and 7.1 PCM

**EDID Pass-through** - Pass-through algorithm ensures Plug and Play operation for HDMI source and display systems

**Programmable Step-in Functionality** - When used with compatible step-in devices, such as the SID-X3N (using an HDMI cable that supports HEC, the HDMI Ethernet Channel)

**Non-Volatile EDID Storage**

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

**Static or Dynamic DHCP IP Addressing**

**Embedded Web Pages** - Provide remote configuration and operation

**Lock Button** - Prevents tampering with the front panel buttons

**Kramer Protocol 3000**

**Versatile Control Options** - RS-232, Ethernet, infrared remote control



## TECHNICAL SPECIFICATIONS

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|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INPUTS:                        | 4 HDMI connectors                                                                                                                                                                                                                                                             |
| OUTPUTS:                       | 2 HDMI connectors                                                                                                                                                                                                                                                             |
| PORTS:                         | 1 Ethernet on an RJ-45 connector; 1 IR on a 3.5mm mini jack; 8 remote selection contact-closure switches on 9 terminal block pins; 1 serial port on a 3-pin terminal block; 1 program port on a mini USB                                                                      |
| BANDWIDTH:                     | Up to 8.91Gbps data rate (2.97Gbps per graphic channel)                                                                                                                                                                                                                       |
| COMPLIANCE WITH HDMI STANDARD: | HDMI and HDCP 1.4                                                                                                                                                                                                                                                             |
| RESOLUTION:                    | Up to UXGA; 4K x 2K                                                                                                                                                                                                                                                           |
| SUPPORTED BAUD RATES:          | 9600, 115200bps                                                                                                                                                                                                                                                               |
| SUPPORTED WEB BROWSERS:        | The following operating systems and Web browsers are supported:<br>Windows 7: Google Chrome v25, FireFox v15, Opera v12, Microsoft Internet Explorer v9;<br>Windows XP: Google Chrome v25, FireFox v15;<br>Apple Mac: Google Chrome v25, FireFox v20, Opera v12.14, Safari v6 |
| POWER CONSUMPTION:             | 5V DC, 880mA<br><br>100-240V AC, 65VA max                                                                                                                                                                                                                                     |
| CONTROLS:                      | Front panel buttons, infrared remote control transmitter, RS-232, Ethernet, remote input selection switches                                                                                                                                                                   |
| OPERATING TEMPERATURE:         | 0° to +40°C (32° to 104°F)                                                                                                                                                                                                                                                    |
| STORAGE TEMPERATURE:           | -40° to +70°C (-40° to 158°F)                                                                                                                                                                                                                                                 |
| HUMIDITY:                      | 10% to 90%, RHL non-condensing                                                                                                                                                                                                                                                |
| INCLUDED ACCESSORIES:          | Power supply                                                                                                                                                                                                                                                                  |
| Product Dimensions             | 21.46cm x 16.30cm x 4.36cm (8.45" x 6.42" x 1.72" ) W, D, H                                                                                                                                                                                                                   |
| Product Weight                 | 0.9kg (2.1lbs) approx                                                                                                                                                                                                                                                         |
| Shipping Dimensions            | 0.00cm x 0.00cm x 0.00cm (0.00" x 0.00" x 0.00" ) W, D, H                                                                                                                                                                                                                     |
| Shipping Weight                | 0.0kg (0.0lbs) approx                                                                                                                                                                                                                                                         |



