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 reKlocking™ & 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, optional remote IR receiver
## TECHNICAL SPECIFICATIONS

**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:
  - Windows 7: Google Chrome v25, FireFox v15, Opera v12, Microsoft Internet Explorer v9;
  - Windows XP: Google Chrome v25, FireFox v15;
  - Apple Mac: Google Chrome v25, FireFox v20, Opera v12.14, Safari v6

**POWER CONSUMPTION:**
- 5V DC, 880mA
- 100−240V AC, 65VA max

**POWER SUPPLY:**
- 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, IR remote control (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**
- 0.9kg (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**
- 1.8kg (3.9lbs) approx