



VS-42UHD

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



The 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 - Up to 8.91Gbps (2.97Gbps per graphics channel).
- HDCP Compliant
- True Video Clock Detection.
- Automatic Switching Modes - Last connected and priority switching.
- HDMI Support - 3D, Deep Color, x.v.Color™, Lip Sync, ARC, HEAC pass-through, Dolby® TrueHD, Dolby Digital Plus, DTS-HD®, and 7.1 multi-channel audio.
- I-EDIDPro™ Kramer Intelligent EDID Processing™ - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI 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, 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; 12 remote selection contact-closure switches on 13 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	HDMI and HDCP.
STANDARD:	
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.
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.
POWER CONSUMPTION:	100–240V AC, 65VA max.
DIMENSIONS:	21.5cm x 16.6cm x 4.4cm (8.46" x 6.54" x 1.73") W, D, H.
WEIGHT:	0.9kg (2.0lbs) approx.
SHIPPING DIMENSIONS:	35.1cm x 21.2cm x 7.2cm (13.8" x 8.4" x 2.8") W, D, H.
SHIPPING WEIGHT:	1.8kg (4.0lbs) approx.
INCLUDED ACCESSORIES:	Power supply, RC-IR3 remote control.
OPTIONS:	External remote IR receiver cable, RK-1.

