



## 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 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

**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



# KRAMER

## 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; 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 STANDARD:	HDMI and HDCP
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
PRODUCT DIMENSION:	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 DIMENSION:	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
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
INCLUDED ACCESSORIES:	Power supply, RC-IR3 remote control
OPTIONS:	External remote IR receiver cable, RK-1

