VS-44H2A

4x4 4K HDR HDMI HDCP 2.2 Matrix Switcher
with Audio De‑embedding

| HDMI | Ethernet - RJ-45 | 4K HDR

VS‑44H2A is a high‑performance 4x4 matrix switcher for 18G 4K@60Hz (4:4:4) 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 4 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, supporting HDR10, xvYCC color, Dolby TureHD/DTS‑HD Master Audio, 3D Video as specified in HDMI 2.0

Analog and Digital Audio De–embedding (Extraction) - De‑embeds the audio signal and outputs it as balanced analog audio with separate volume control on each of the outputs and S/PDIF digital audio

Easy Step–In Collaboration Function - When used with a Kramer Step–In enabled switcher, just plug in your device and press the Step–In button. Your device becomes the active signal on the main display

Features 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 four preset configurations and recall them using front panel buttons

Convenient Unit Control and Configuration Options - Local control via front panel switching, memory, lock and EDID buttons, Input/Output LED display 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 - IR and Input Selection indicators facilitate easy local maintenance and troubleshooting. Firmware upgrade via Ethernet or USB using a user–friendly software upgrade tool

Easy Installation - 19" enclosure for rack mounting a unit in a 1U rack space with included rack ears and universal 100–240V AC power connection

TECHNICAL SPECIFICATIONS

Inputs	4 HDMI: On female HDMI connectors
Outputs	4 HDMI: On female HDMI connectors
	4 S/PDIF: On female RCA connectors
	4 Balanced Stereo Audio: On 5-pin terminal block connectors
Ports	1 USB: On a Mini female connector
	1 RS-232: On a 9-pin D-sub connector
	1 IR IN: On a 3.5mm mini jack
	1 Ethernet: On an RJ-45 female connector
Video	Max. Resolution: 4K@60Hz 4:4:4
	Max. Data Rate: 18Gbps (6Gbps per graphic channel)
	Content Protection Supports HDCP 2.2/1.4
	HDMI Support HDR10, xvYCC color, Dolby TureHD/DTS-HD Master Audio, 3D Video as specified in HDMI 2.0
User Interface	Front Panel: IN and OUT selection buttons; OFF, ALL, STO, RCL EDID, LOCK buttons
Power	Source: 100-240V AC, 50/60Hz
	Consumption: 60VA
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F)
	Storage Temperature: -40° to +70°C (-40° to 158°F)
	Humidity: 10% to 90%, RH non-condensing
STANDARDS COMPLIANCE	Safety: CE
	Environmental: RoHs, WEEE
Enclosure	Size: 19" 1U
	Type Aluminum
	Cooling: Fan
Accessories	Included: Power cord, rack ears, IR remote control (upon request)
Product Dimensions	43.64cm x 23.72cm x 4.36cm (17.18" x 9.34" x 1.72") W, D, H
	43.64cm x 18.30cm x 4.36cm (17.18" x 7.20" x 1.72") W, D, H
Product Weight	2.0kg (4.5lbs) approx
	2.0kg (4.5lbs) approx
Shipping Dimensions	52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21") W, D, H
	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21") W, D, H
Shipping Weight	2.9kg (6.5lbs) approx
	2.9kg (6.5lbs) approx

HDMI

Color Key: ● HDMI ● HDBaseT ● Audio ● ETH