VS-88H2

8x8 4K60 HDMI Matrix

| HDMI | Ethernet - RJ-45

VS−88H2 is a high−quality matrix with eight HDMI inputs independently routable to eight HDMI outputs. Integrated audio matrix, enable independent and flexible audio and ARC extraction, insertion and routing between any HDMI ports

FEATURES

Flexible and Safe Matrix Routing - Clean switching between inputs, with smooth and safe transition between presented content on displays, for convenient presentation experience of end–users

Auto Switcher Ease of Use - Automatically plays the switched source signal on the connected display according to user–configured preferences, such as priority or last–connected input

HDMI Signal Switching - HDCP 2.2 compliant, supporting deep color, ARC, up to 7.1 uncompressed audio channels, and 3D, as specified in HDMI 2.0

I–EDIDPro™ Kramer Intelligent EDID Processing™ - Individual EDID management per input for flexibly capturing and storing EDID from output−connected displays or custom files. Intelligent EDID handling and processing ensures plug & play operation for HDMI source and display systems

Independent Audio Breakaway and Routing - The digital audio signals passing through to the selectable outputs, and ARC (Audio Return Channel) signals from the output−connected displays, are extracted, converted to analog audio signals, and input to the built−in audio matrix. Flexible matrix routing enables insertion of any audio input signal to any AV matrix output port

Simple Control - Remote IP–controller connection, browser operation webpage, or local panel buttons, and multiple preset configurations, for easy and fully flexible user ports selection, signals routing, and matrix control

Secured Web-UI Operation - User credentials authentication for secured web−UI access and operation

Comprehensive Management - Local panel–button operation, remote IP–driven firmware upgrade and management via user–friendly embedded web pages, built−in test video patterns for outputs and displays diagnostics, and remote IP or local serial service and management via API commands and responses communication, for flexible service options and ensure lasting, field proven deployment

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

TECHNICAL SPECIFICATIONS

Inputs	8 HDMI On female HDMI connectors
Outputs	8 HDMI On female HDMI connectors
Ports	1 USB On a mini−USB connector for device firmware upgrade or management
	1 RS-232: On a 3−pin terminal block connector
	1 Ethernet On an RJ−45 female connector for device control and management
	1 5V/2A USB On a female USB−A connector for powering another device
Video	Max. Output Resolution 4K@60Hz (4:4:4)
	Max Data Rate 18Gbps bandwidth (6Gbps per graphic channel)
	Content Protection HDCP 2.2
	Max Switching Time Standard Mode: 3sec Safe Mode: 4sec Note: With same signal format
	Compliance Deep Color, 3D, ARC, up to 7.1 uncompressed audio channels as specified in HDMI 2.0
Audio	Matrix Size 16x16
	Routable Signals Breakaway forward/ARC signals
Control	Front Panel Buttons for device operation, (for example, input/output selection)
	Indicators: 7 segment display
Power	Source: 100−240V AC, 50/60Hz
	Consumption: 66VA
Enclosure	Size 19", 1U
	Type Aluminum
	Cooling FAN ventilation
	Max. Noise 46dBA
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
General	Net Dimensions (W, D, H) 43.6cm x 18.3cm x 4.4cm (17.18" x 7.20" x 1.72")
	Shipping Dimensions (W, D, H) 52.5cm x 33cm x 10.7cm (20.7” x 13” x 4.2”)
	Net Weight 2.5kg (5.5lbs) approx
	Shipping Weight 3.4kg (7.4lbs) approx
Accessories	Included Rack ears, power cord
Product Dimensions	43.64cm x 18.30cm x 4.36cm (17.18" x 7.20" x 1.72") W, D, H

Product Weight	2.4kg (5.2lbs) approx
Shipping Dimensions	52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21") W, D, H
Shipping Weight	3.3kg (7.3lbs) approx