



VS-88A

The 18Gbps 8x8 HDMI Matrix supports the transmission of video (up to 4K2K@60Hz YUV 4:4:4) and multi-channel high resolution digital audio from 8 HDMI sources to 8 HDMI displays. Audio de-embedded to analog and coaxial audio is supported from 8 HDMI output ports. While HDMI output ARC function is enabled, the ARC audio from HDMI display devices will be extracted to coaxial audio output. Each HDMI output of this 8x8 HDMI Matrix supports 4K2K to 1080P downscaled independently. Control is via front panel buttons, IR remote, RS-232, LAN and Web GUI.

FEATURE

- HDMI 2.0b, HDCP 2.2 and HDCP 1.4 compliant
- Video resolution up to 4K2K@60Hz (YUV 4:4:4) on all HDMI ports
- Support 18Gbps video bandwidth
- Dolby Vision, HDR10+ and HLG are supported
- Support 4K -> 1080p Down Scaler for each output port
- HDMI audio pass-through up to 7.1CH HD audio (LPCM, Dolby TrueHD and DTS-HD Master Audio)
- Audio de-embedded is supported via analog and coax ports
- ARC, CEC and smart EDID management are supported
- 1U rack mounted design with front panel OLED display
- Control via front panel buttons, IR remote, RS-232, LAN and Web GUI

SPECIFICATION

Technical

HDMI Compliance:	HDMI 2.0b
HDCP Compliance:	HDCP 2.2 and HDCP 1.4
Video Bandwidth:	18Gbps
Video Resolution:	Up to 4K2K@50/60Hz (4:4:4)
Color Space:	RGB, YCbCr 4:4:4/4:2:2/4:2:0
Color Depth:	8-bit, 10-bit, 12-bit
HDMI Audio Formats (Pass-Through):	LPCM 2/5.1/7.1, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS HD Master Audio, Dolby Atmos, DTS-X
Coax Audio Formats:	PCM 2.0, Dolby Digital / Plus, DTS 5.1
L/R Audio Formats:	PCM2.0CH
HDR Support:	HDR10, HDR10+, Dolby Vision, HLG
ESD Protection:	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)

Connection

Input ports:	8x HDMI Type A [19-pin female] 1x IR EXT [3.5mm Stereo Mini-Jack]
Output ports:	8x HDMI Type A [19-pin female] 8x Coaxial audio [RCA] 8x L/R audio [3.5mm Stereo Mini-Jack]
Control Ports:	1x TCP/IP [RJ45] 1x RS-232 [D-Sub 9]

Mechanical

Housing:	Metal Enclosure
Color:	Black
Dimensions:	440mm (W) x 200mm (D) x 44.5mm (H)
Weight:	2.8Kg
Power Supply:	AC 100 - 240V 50/60Hz Output: DC 12V/5A (US/EU Standard, CE/FCC/UL Certified)
Power Consumption (Max):	43W
Operation Temperature:	14°F - 113°F / -10°C - 45°C
Storage temperature:	-4°F - 140°F / -20°C - 60°C
Relative Humidity:	20 - 90% RH (no condensation)

