

SW88

8x8 HDMI 4K 18 Gbps Matrix

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



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The 18Gbps 8x8 HDMI Matrix enables the distribution 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. It supports audio de-embedding to both analog and coaxial outputs from the 8 HDMI output ports. When HDMI output ARC is enabled, ARC audio from HDMI display devices is extracted to the coaxial audio output. Each HDMI output features independent 4K2K to 1080P downscaling. The matrix can be controlled via front panel buttons, IR remote, RS-232, LAN, and Web GUI.



Switchers

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SPECIFICATIONS:

Technical

HDMI Compliance	HDMI 2.0
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	LPCM 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)

Connections

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 Coax Audio (RCA)
Control Ports	8x L/R Audio [3.5mm Stereo Mini-jack]
	1x TCP/IP [RJ45]
	1x RS-232 [D-Sub 9]

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions	440mm (W)x200mm (D)x44.5mm (H)
Weight	2.8kg
Power Supply	Input: AC 100 - 240V 50/60Hz
	Output: DC 12V/5A (US/EU standard, CE/FCC/ULcertified)
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)
Resolution / Cable length	4K60 - Feet / Meters 4K30 - Feet / Meters 1080P60 - Feet / Meters
HDMI IN / OUT	16ft / 5M 32ft / 10M 50ft / 15M
The use of "Premium High Speed HDMI" cable is highly recommended.	