SW-88-VW

8x8 HDMI 2.0 Seamless Matrix with Video Wall

FEATURE:

- HDCP 2.2 compliant
- Support video resolution up to 4K@60Hz 4:4:4and 18Gbps video bandwidth, as specified in HDMI 2.0b
- Support seamless switching
- Compatible with 3D video
- Support 8 route L/R balanced audio output
- Each output supports horizontal mirror and vertical mirror
- Blank screen, blue screen and output off are optional when no signal outputs
- HDMI audio format: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio
- Support CEC control, and multiple video resolution output
- Support power-off memory and advanced EDID management
- Control via front panel buttons, IR remote, RS-232, and Web GUI

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The 18Gbps 8x8 Seamless Matrix offers an ideal solution for routing video from 8 HDMI sources to 8 HDTV displays. It supports video resolutions up to 4K@60Hz 4:4:4, with each output capable of independent resolution downscaling. The matrix features video wall functionality and a built-in web server, along with 8 balanced audio output channels for L/R audio. Seamless switching ensures smooth transitions without frame loss. Control options include front panel buttons, IR remote, RS-232, and a web GUI.

Switchers

8x8 HDMI 4K 18 Gbps Matrix with Video Wall

SW-88-VW 8x8 HDMI 2.0 Seamless Matrix with Video Wall

SPECIFICATIONS:

Technical

HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2
Video Bandwidth	594MHz/8Gbps
Video Resolution	Up to 4K@60Hz 4:4:4
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12-bit
Audio Formats	**HDMI IN/OUT**: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD **AUDIO Extracted**: Optical Outputs: LPCM 2.0CH/Dolby/DTS 5.1CH Balanced Analog Audio Outputs: LPCM 2CH
IR Level	5Vp-p
IR Frequency	Wideband 20K-60KHz
ESD Protection	IEC 61000-4-2: ±8kV (air-gap discharge) & ±4kV (contact discharge)

Connections

Input ports	8x HDMI Type A [19-pin female]
Output ports	8x HDMI Type A [19-pin female] 8 × OPTICAL AUDIO OUT [S/PDIF] 8 × L/R AUDIO OUT [3.81mm, 5pin Phoenix Connector]
Control ports	1x TCP/IP [RJ45] 1 × RS-232 [D-Sub 9] 1x IR EXT [3.5mm Stereo Mini-jack]

Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions	440mm [W] x 300mm [D] x 44.5mm [H]
Weight	3.95kg
Power Supply	Input: AC 100-240V 50/60Hz Output: DC 24V/3.75A (US/EU standard, CE/FCC/UL certified)
Power Consumption	70W (max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 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.

Switchers