

# SW-44-MV

4x4 HDMI 4K 18 Gbps Matrix /w Multiviewer

## FEATURE:

- HDCP 2.2 compliant
- Support video resolution up to 4K@60Hz 4:4:4 and 18Gbps video bandwidth, as specified in HDMI 2.0
- Support 12 display categories in multi-viewer mode, and 9 splicing modes in video wall mode
- HDMI audio format: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTSEX, DTS-96/24, DTS High Res, DTS-HD Master Audio
- Support CEC control, and multiple video resolution output
- Advanced EDID management
- Control via front panel buttons, IR remote, RS-232, and Web GUI



## SW-44-MV

The 18Gbps 4x4 Seamless Matrix is a perfect solution for video transmission from 4 HDMI sources to 4 HDTV displays. It has video wall and multi-viewer functions with multiple display modes. 4x4 IR matrix, audio embedded and de-embedded are also supported. Video resolution is up to 4K@60Hz 4:4:4. Each of the sources can be individually scaled. And seamless switching ensures a smooth picture transition without frame loss.

This matrix can be controlled via front panel buttons, IR remote, RS-232 and Web GUI.



Audio  
Visual  
Equipment

# Switchers

4x4 HDMI 4K 18 Gbps Matrix /w Multiviewer



## SPECIFICATIONS:

### Technical

HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2
Video Bandwidth	594MHz/8Gbps
Video Resolution	480i -1080P@50/60Hz, 4K2K@24/30Hz, 4K2K@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8/10/12-bit
Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio
IR Level	12Vp-p
IR Frequency	Wideband 20K-60KHz
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)

### Connections

Input ports	4x HDMI Type A [19-pin female]
	4x L/R AUDIO INPUT [3.81mm, 3pin Phoenix Connector]
Output ports	4x HDMI Type A [19-pin female]
	4 x OPTICAL AUDIO OUT [S/PDIF] 4 x L/R AUDIO OUT [3.81mm, 5pin Phoenix Connector]
Control ports	1x TCP/IP [RJ45]
	1 x RS-232 [D-Sub 9]
	1x IR EXT [3.5mm Stereo Mini-jack]
	4 x IR INPUT [3.5mm, Stereo Mini-jack] 4 x IR OUTPUT [3.5mm, Stereo Mini-jack]

### Mechanical

Housing	Metal Enclosure		
Color	Black		
Dimensions	440mm [W]x203mm [D]x44.5mm [H]		
Weight	2.55kg		
Power Supply	Input: AC 100-240V 50/60Hz		
	Output: DC 12V/2.5A (US/EU standard, CE/FCC/UL certified)		
Power Consumption	25W (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	4K30	1080P60
	- Feet / Meters	- Feet / Meters	- Feet / Meters
HDMI IN / OUT	16ft / 5M	32ft / 10M	50ft / 15M
The use of "Premium High Speed HDMI" cable is highly recommended.			