



4x4 HDMI 2.0 Matrix with Seamless switching & videowall 18Gbps& Multiviewer

Introducing VigilLink's 18Gbps 4x4 Seamless Matrix! Designed to streamline your video transmission needs, this solution effortlessly connects 4 HDMI sources to 4 HDTV displays. With versatile video wall and multi-viewer functions offering various display modes, along with support for a 4x4 IR matrix and audio embedding/de-embedding, it ensures a seamless viewing experience.

Enjoy stunning video resolution up to 4K@60Hz 4:4:4, with each source individually scalable for tailored presentations.

Experience smooth picture transitions without frame loss, thanks to seamless switching.

Control is at your fingertips with front panel buttons, IR remote, RS-232, and Web GUI options.

Feature Highlights

- HDCP 2.2 compliant
- Supports video resolution up to 4K@60Hz 4:4:4and 18Gbps video bandwidth, as specified in HDMI 2.0
- · Supports 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, DTS- EX, DTS-96/24, DTS High Res, DTS-HD Master Audio
- Supports CEC control, and multiple video resolution output
- Advanced EDID management
- Control via front panel buttons, IR remote, RS-232, and Web GUI

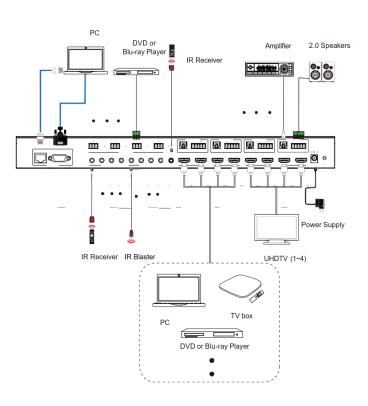


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VLVW-SMX44MV

TECHNICAL			CONNECTIONS			
HDMI Compliance	HDMI 2.0					
HDCP Compliance HDCP 2.2			Input:		NPUT [Type A, 19-pin female] DIO INPUT [3.81mm, 3pin Phoenix Connector]	
Video Bandwidth	594MHz/18Gbps				+	
Video Resolution	480i ~1080P@5	0/60Hz, 4K2K@24/30Hz, 4K2K@60Hz	Output:		DUTPUT [Type A, 19-pin female] AL AUDIO OUT [S/PDIF]	
Color Space RGB, YCbCr 4:4:		:4, YCbCr 4:2:2, YCbCr 4:2:0			4 × L/R AUDIO OUT [3.81mm, 5pin Phoenix Connector]	
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			1 × TCP/IP [RJ45] 1 × RS-232 [D-Sub 9]		
IR Level	12Vp-p		Control:		1 × IR EXT [3.5mm, Stereo Mini-jack] 4 × IR INPUT [3.5mm, Stereo Mini-jack]	
IR Frequency	Wideband 20K-60KHz				4 × IR OUTPUT [3.5mm, Stereo Mini-jack]	
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)					
MECHANICAL			MECHANICAL			
Housing Metal Enclosure			Power Consumption 25W (Max)			
Color	Black		Operation Temperature	032 - 104°F / 0 - 40°C		
Dimension	440mm [W] × 203mm [D] × 44.5mm [H]		Storage Temperature	-4 - 140°F / -20 - 60°C		
Weight	2.55kg		Relative Humidity	20~90% RH (non-condensing)		
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 12V/2.5A (US/EU standard, CE/FCC/UL certified)					
RECOMMENDED		BLES				
VIDEO RESOLUTION		8K60	4K60		1080P	
HDMI CABLE LENGTH (HDMI IN/ OUT)		5m/16ft	10m/32ft		15m/50ft	
The use of "Premium High Sp	beed HDMI" cable is	highly recommended.				

Classic Application Example



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