

18Gbps 2x4 Auto Seamless Presentation Switcher & Video Wall Controller SV-DCTVW24

4K/60 UHD (4:4:4) | HDCP 2.2 Compatible

HDMI seamless switcher SV-DCTVW24 4K is designed with The 18Gbps 2x4 Presentation Switcher & 2x2 Video Wall Controller is designed to realize truly capturing, AD converting, routing, and distributing all-format signal to the video wall (LCD displays), while maintaining a true digital signal transmission. It features HDMI and USB-C input with resolution up to 4K@60 4:4:4, and 4 HDMI outputs. It supports multiple video wall modes to be set for video output. Furthermore, optical audio and L/R analog audio de-embedding output are also supported.



Features

- HDMI 2.0, HDCP 2.2 and DP1.2a compliant
- Support HDMI input and USB-C input, and the resolution is up to 4K@60Hz 4:4:4
- Support optical audio and L/R analog audio de-embedding output
- Support 8 video wall splicing modes: 1x1, 2x1, 3x1, 4x1, 1x2, 1x3, 1x4, 2x2
- Support image 180° rotation, convenient for ceiling installation
- Support bezel adjustment for the splicing edge
- Advanced EDID management
- Control via front panel buttons, IR remote and RS-232 commands
- Simple plug and play, no drive and installation setting are required. It can be controlled via front panel buttons, IR remote and RS-232 commands. The presentation switcher provides true 4K scaling up to 4K at 60 Hz at 4:4:4. eight inputs and two outputs are capable of providing 4K at 60 Hz at 4:4:4 signals (HDR). The HDMI input and output provide an innovative solution with VLC technology, allowing transmission of HDMI 2.0 signals over a HDMI cable while ensuring very high, original image quality.

The presentation switcher supports Automatically switches one of HDMI and Type C inputs to a predefined or last connected input whenever the currently active video signal is interrupted or whenever a higher-priority video signal is detected.



Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Video Resolution	Input: up to 4K@60Hz 4:4:4
	Output: 720P60Hz, 1080P60Hz, 4K30Hz, 1024x768P60Hz
Color Space	RGB, YCbCr_4:4:4, YCbCr_4:2:2, YCbCr_4:2:0
Color Depth	8/10/12 bit
IR Level	5Vp-p
IR Frequency	38KHz
	HDMI IN/OUT: LPCM 2.0/5.1, Dolby Digital/Plus/EX, DTS, DTS-EX, DTS-96/24
Audio Formats	L/R OUT: PCM 2.0
	SPDIF(OPTICAL): Dolby Digital/plus, DTS 5.1, PCM 2.0
Audio Latency	No Latency
Video Latency	No Latency
ESD Protection	IEC 61000-4-2:
	±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connection	
Input ports	1 × HDMI INPUT [Type A, 19-pin female] 1 × USB-C INPUT [Type C, 24-pin female]
	4 × HDMI OUTPUT [Type A, 19-pin female] 1 × OPTICAL AUDIO OUT [S/PDIF]
Output ports	1 × L/R AUDIO OUT [RCA]
Control ports	1 × RS-232 [3pin-3.81mm phoenix connector] 1 × IR EXT [3.5mm, Stereo Mini-jack]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	220mm [W] × 100mm [D] × 30mm [H]
Weight	590g
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 12V/1A
	(US/EU standard, CE/FCC/UL certified)
Power Consumption	5.5W (Max)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no-condensing)
Certificates	CE, FCC, RoHS, (ISO 9001:2015 14001:2015 ,45001:2018, 27001:2022 -IAF Certified)