



4x2 USB C + HDMI 2.0 Auto Seamless Presentation & Matrix Switcher
SV-SVC42AP

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

This product is an 18G USB-C + HDMI video switcher with 2 HDMI inputs and 2 USB C inputs 2 scaling HDMI outputs. Each input and output supports up to 4K60 4:4:4 HDMI 18G video. The outputs can be individually scaled for 1080p or HDBaseT compatibility. De-embedded audio as analogue L+R and optical TosLink is available for both outputs. The Matrix Switcher can automatically control the display device using RS232, CEC, TCP IP or IR when the last input signal is lost, or when the first video input is detected. This switcher can be controlled from the front panel, RS232, IR, or LAN.



Features

- HDMI 2.0, HDCP 2.2 / HDCP 1.4 and DVI 1.0 compliant
- Two18GHDMI2.0videoinputssupporting upto4K60 4:4:4resolution
- Two18GUSB-C3.2Gen videoinputssupporting upto4K60 4:4:4resolution
- Two18GHDMI2.0videooutputssupporting upto4K60 4:4:4resolution
- Both outputs can be individually scaled for 4K→1080p or HDBaseT mode
- Automatic RS232, CEC and IR control of the display device power state
- Two sets of de-embedded audio outputs, for both outputs
- Dual 1G Ethernet ports with 802.1x and VLAN supported
- Test Pattern mode for testing output signal integrity to the display
- Built-in Web GUI for LAN control
- Four methods of control: Front panel, RS232, IR and LAN

The Matrix has a built-in web interface to provide a means of controlling or configuring various settings.

Both outputs A and B are lit when that channel has its Auto Detection mode active. Auto Detection mode detects new HDMI signals and immediately switches to the input. If the currently selected input is removed, the switcher will switch to the next available input or remain on the current input if there are no active HDMI input signals.



Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
USB-C Compliance	3.2 Gen 1 (5Gbps)
Video Resolution	Input: up to 4K@60Hz 4:4:4
	4K2K 50/60Hz 4:4:4 ,4K2K 50/60Hz 4:2:0 4K2K 30Hz 4:4:4 ,1080p, 1080i, 720p, 720i, 480p, 480i All HDMI 3D TV formats ,All PC resolutions including 1920 x 1200
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
	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	2× HDMI INPUT [Type A, 19-pin
	2× USB-C INPUT
Output ports	2 × HDMI OUTPUT [Type A, 19-pin female
Output ports	1 × L/R AUDIO OUT
Control ports	1 × RS-232 [3pin-3.81mm phoenix 1x LAN connector] 1 × IR EXT [3.5mm, Stereo Mini-jack]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	418mm(W)×150mm(D)×25mm(H)
Weight	750g
Power Supply	Input: AC 100-240V 50/60Hz,Output: DC 24V/2A
	(US/EU standard, CE/FCC/ROHS 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)