

Switcher



Theia S1 – 4ch 4K Live Streaming Switcher

Vivid Content

Multi-input mixed with immediate transition effects in live

Multi-Channel Switching, Recording, Streaming Value-Added Live Streaming

- 1 Switching/recording/streaming and transition effect in all-in-one device
- 2 4ch 4Kp60 video input, including HDMI, NDI, and 1ch DDR media input
- 3 Multi-source audio including HDMI/NDI embedded, DDR media, external in for mixing output
- 4 DVE including Logo, subtitle, CG, PIP, DDR, chroma keyer and transition effects
- 5 With Cut, Auto keys and T-bar for direct access to all transitions automatically or manually



Theia S1 is a multi-channel 4K video switcher with recording and streaming features integrated. With its built-in special effects and chroma keyer features, Theia S1 enables live content to be effortlessly captured, mixed, recorded, and streamed to most popular live and e-commerce platforms including AWS, YouTube, and TikTok in real-time. The switching and transition effect control console provides rich features to manipulate content in efficiency with preview and program windows. Both landscape and portrait-mode content display are supported.

Feature		Specification
Interface	Video Input	4ch 4K video input (Full HD compatible), including HDMI and NDI interfaces (HDMI1 supports 4:2:0/4:2:2/4:4:4/RGB chroma subsampling, HDMI2/3/4 supports 4:2:2/4:4:4/RGB chroma subsampling; audio sampling rates in 32/44.1/48kHz)
	Video Output	1ch HDMI output for Program (4Kp60p with 48kHz audio sample rate)
		1ch HDMI output for Multiview (1080p60)
	Unbalanced Analog Audio	1ch stereo input (32/44.1/48kHz)
1ch stereo output in 3.5mm jack (48kHz)		
Ethernet	Gigabit Ethernet x2 (10/100/1000Mbps)	
Video Resolution	Input	3840 x2160 in 30p, 50p, 59.94p, 60p
		1920 x1080 in 25p, 29.97p, 30p, 50p, 59.94p, 60p
		1920 x1080 in 50i, 59.94i, 60i
		1280 x720 in 25p, 29.97p, 30p, 50p, 59.94p, 60p
	Output	3840 x2160 in 25p, 30p, 50p, 60p
		1920 x1080 in 25p, 30p, 50p, 60p
1280 x720 in 25p, 30p, 50p, 60p		
Output (Multiview)	1920 x1080 in 60p	
Graphic Keyers	Keyer	Chroma, Mask, Luma
	CG-Keyer x2, Logo-Keyer x1	Logo, subtitle, graphic and news ticker support
	PIP-Keyer x2	Up to 5-source selection
Transition Effect		Built-in over 30 effects
Media Player	DDR player x1	
	External USB storage for DDR playback	
Media Storage	USB x2 for recording and playback	
Program Recording		1ch HEVC/AVC 4K/Full HD
Streaming	Codec	HEVC/AVC (video) with AAC (audio)
	Protocol	HLS, RTMP, RTP, SRT, and UDP Support 4 streams pushing simultaneously
Power	Input	AC Adapter 100V-240V, 50/60Hz with DC 12V/5A output
	Consumption	< 40W
Dimension		342mm (W) x 266.8mm (D) x 58.2mm (H)
Operating Temperature		0° C ~ 40° C
Storage Temperature		-20° C ~ 60° C
Certification		CE/FCC (Class B)/TUV/CB/RoHS/KC

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