

Switchers

4K Pro Studio Switcher

SE-4500

Video Standard	4K
Video Format	Input: 3840x2160p: 60/59.94/50/30/29.97/25 1080p: 60/59.94/50/30/29.97/25 1080i: 60/59.94/50 Output: 4K60 8-Channel 3840x2160p: 60/59.94/50/30/29.97/25 1080p: 60/59.94/50/30/29.97/25 1080i: 60/59.94/50 Output: 4K30 12-Channel 3840x2160p: 30/29.97/25 1080p: 60/59.94/50
Video Processing	SDI: 4:2:2 10-bit HDMI: YUV 4:2:2 10-bit, RGB: 4:4:4 8/10-bit
Input Routable / Crosspoint	YES
Video Input	Total 8 live inputs for 4k60 (select 8 from 12) or Total 12 input for 4K30 8 x 12G-SDI 4 x HDMI
Mix HD & SD Source	---
Computer Graphic Interface	4 via HDMI
Video Output	4 x 12G-SDI / 1 x HDMI All assignable: Multiview, PGM, PVW, PGM+DSK, Clean PGM, Clean PVW, Input 1-12 2 x HDMI PGM only 1 x HDMI Multiview
Down-converted Output	Yes
Built-in Multi-view Monitoring Out	10" 1080p LCD
Analogue Audio Input	4 x Analogue XLR
Analogue Audio Output	2 x Analogue XLR
Digital Embedded Audio Support	Input 4 channels, Output 4 channels
Audio Delay Calibration	Up to 16 fields or 8 frames per channel
A+V Switching	Yes
Chromakey	4
USK	4x Keyer support Chromakey/ Linear/ Luma Key
DSK	2x DSK support Lumakey & Linear key (Key / Fill)
Picture in Picture	2

Logo Insertion	2
Still Store	250
Effects	FTB, Cut, 32 Wipe with border
Transition Preview	Full transitions preview
Sync / Reference In/Out	1 x BNC Ref in 1 x BNC Ref out (loop-through) (available after firmware upgrade)
Tally Output	1x D-Sub 25pin, dual color
PC Remote Control	DVIP (Ethernet)
Camera Control	DVIP/ RS-422/ RS-232
Built-in Audio Mixer	Yes
Storage	1 x SD Card Slot Supports SD, SDHC and SDXC card (UHS-I) (Class 10 above).
Recording File System	FAT32, exFAT
Recording File Format	MP4 (H.265+ AAC) or (H.264+ AAC)
Video Encode	H.264: MAX RES: 4K@30 420 8bit codec H.265: MAX RES: 4K@60 420 8bit codec
Audio Encode	AAC 2CH, 16bit 48KHz 192Kbps
Streaming Protocol	RTMP SRT
Firmware Update	USB / Ethernet
Special Features	Built in Dual 10" Panel 1 x 10" Touch Panel for operation 1 x 10" 1080p Panel for Multiview or PGM Streaming encoder and recorder
Chassis	Unibody
Dimension (LxWxH)	580*443*297mm
Weight	11.2kg
Power	DC 56V, 250W
Operating Temp. Range	0~40 °C
What's in the Box	1 x SE-4500 Unit 1 x AD Switch DC 56V with AC Cord