Switchers

All-in-one 4K Production Studio

SHOWCAST 100

Video Standard	4K & HD
Video Format	Input: 3840x2160p: 60/59.94/50/30/29.97/25/24/23.98 1080p: 60/59.94/50/30/29.97/25/24/23.98 VGA, XGA (1024 x 768), SXGA (1280 x 1024), UXGA (1600 x1200), WUXGA (1920 x 1200) Output: 3840x2160p: 60/59.94/50/30/29.97/25/24/23.98 1080p: 60/59.94/50/30/29.97/25/24/23.98 720p: 60/59.94/50
Video Processing	4K60 YUV4:4:4 8bit, YUV 4:2:2 8/10bit, YUV 4:2:0 8bit, RGB 4:4:4 8bit 4K30 YUV4:4:4 8/10/12bit, YUV 4:2:2 8/10/12bit, YUV 4:2:0 8bit, RGB 4:4:4 8/10/12bit HD YUV4:4:4 8/10/12bit, YUV 4:2:2 8/10/12bit, RGB 4:4:4 8/10/12bit
Input Routable / Crosspoint	N/A
Video Input	4 x HDMI 2.0
Mix HD & SD Source	----
Computer Graphic Interface	4 via HDMI
Video Output	3 x HDMI 2.0 for PGM 1 x HDMI for CG Preview
Down-converted Output	Yes
Built-in Multi-view Monitoring Out	On 14" Touch Panel
Analogue Audio Input	2 x 3 Pin XLR / 1/4” (6.3mm) Combo Socket 1 x Stereo RCA set (L/R) Audio Input Switch: Stereo / Mono
Analogue Audio Output	1 x Stereo RCA set (L/R) 1 x Stereo headphone (Mini Jack with volume control)
Digital Embedded Audio Support	Input 2 channels, Output 2 channels
Audio Delay Calibration	Up to 200ms
A+V Switching	Yes
Chromakey	----
Title Creator	Web GUI
USK	Lumakey
DSK	----
Picture in Picture	1

Logo Insertion	----
Still Store	----
Effects	Seamless Cut, WIPE, Mix
Transition Preview	----
Sync / Reference In/Out	Built-in Genlock (internal)
Tally Output	D-Sub -15 Male connector
PC Remote Control	Web browser UI for configuration and control Socket commands
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	FAT, NTFS, exFAT
Recording File Format	MP4
Video Encode	H.264 / AVC, Main/ High Profile Record Only: Up to 16Mbps (1080p 50/60) Stream Only: Up to 10Mbps (1080p 50/60) Rec and Stream: Up to 10Mbps (1080p 25/30) Rec and Stream: Up to 36Mbps (1080p50/60), Dual Stream
Audio Encode	AAC-LC Configurable bit rate range from 32Kbps to 384Kbps Sample rate: 48KHz, 16bit
Streaming Protocol	TS over TCP/UDP (unicast & multicast) RTSP over HTTP/TCP/UDP (RTSP Elementary Streaming) RTMP (Publish)
Firmware Update	USB
Special Features	14.0" Touchscreen Display
Chassis	Unibody
Dimension (LxWxH)	437.6 x 330.5 x 96.5mm
Weight	5.4 Kg
Power	DC 12V 82W
Operating Temp. Range	0~40 °C
What's in the Box	1 x Showcast 100 product 1 x AD Switch DC 12V with AC Cord