

Switchers

4K SHOWCAST Streaming Studio

SHOWCAST 100

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| Video Standard | 4K & HD |
| Video Format | <p>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)</p> <p>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</p> |
| Video Processing | <p>4K60 YUV4:4:4 8bit, YUV 4:2:2 8/10bit, YUV 4:2:0 8bit, RGB 4:4:4 8bit</p> <p>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</p> <p>HD YUV4:4:4 8/10/12bit, YUV 4:2:2 8/10/12bit, RGB 4:4:4 8/10/12bit</p> |
| 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 |

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|-------------------------|---|
| 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 |