

Lumens LC100 2-Channel HD Recorder and Streaming Media Processor

Number / Signal

- 2* HDMI (HDCP Compliant)
- 2* 3G-SDI

Connection

- Female HDMI Type-A / 3G-SDI

Resolution Range

- HDMI Input 1: 720p~2160p 60fps, 1920 x 1200 (RB)
- Others: 720p~1080p 60fps

IP Source / USB Camera

- Lumens IP PTZ / Box Camera
- RTSP Source (H.264 1080p 60/30fps)
- USB Camera (MJPEG 1080p 30fps)

Video Compression

- H.264 / AVC 4:2:0 8bit color
- Encoding Profile: High, Main, Baseline

Bitrate

- 200 kbps to 10 Mbps

Number / Signal

- 3* H.264 / AVC Digital Video over Ethernet
- 2* HDMI Digital Video
- 1* HDMI Pass-through (Up to 4K)

Scaled Resolution

- 1080p

Frame Rate

- 30 / 60 fps

Internal Storage

- 2TB HDD

External Storage

- 4* USB 3.0 Port

File Type

- H.264 in an MP4 Container, JPEG

Resolution

- 360p / 720p / 1080p

Frame Rate

- Max. 1080p 60/30 fps

Number / Signal

- 1* Line In (Stereo Unbalanced Audio, 3.5mm Phone Jack)
- 2* Combo (XLR / TRS, Balanced Audio, Line in/ Mic in, Support +48V Phantom Power)
- IP Audio Source (RTSP, 16K/44.1K/48K)
- Support USB Audio (UAC)

Number / Signal

- 1* Stereo, Unbalanced 3.5mm Phone Jack
- 2* Stereo, Digital De-embedded Audio from HDMI

USB

- 1* USB 2.0 Type A
- 4* USB 3.0 Type A
- Support USB Storage, USB Camera, USB Mic
- USB Mouse, Keyboard, HID Touch Display

Serial Control

- RS-232 / RS-485 Port

Ethernet Host Port

- 1* Female RJ-45
- 10/100/1000 Base-T High / Full Duplex

Streaming Protocol

- Pull: RTSP
- Push: RTMP / RTMPS / MPEG-TS / SRT
- TCP / UDP / HTTP
- DHCP Client

Support IP Sources

- Lumens IP Camera / RTSP

Scenes Switch

- Yes, preset for layout, background, and overlay

Layout Switch

- Yes (Single, PIP, and PBP)

Background Switch

- Yes

Overlay

- Yes, PNG overlay or system time overlay

File Backup

- FTP / SFTP / NAS(CIFS/SMB, NFS) / WebDAV /
- Copy to USB Flash Drive

Content Management Systems

- Panopto / OpenCast / Kaltura

Power Supply

- DC In , 12V / 3A

Power Consumption

- 30W

Dimensions (W x H x D)

- Standard 1u rack
- 17" x 1.9" x 8.5" (432 x 49.4 x 218mm)

Weight

- 5.3 lbs (2.4 Kg)