

# Lumens LC100N 2-Channel Recorder and Streaming Media Processor with HD NDI/HX Support

## Video Input Number / Signal

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

## Connection

- Female HDMI Type-A / 3G-SDI

## Resolution Range

- HDMI Input 1: 720p~2160p 60fps, 1920x1200(RB)
- Others: 720p~1080p 60fps

## IP Source / USB Camera

- Lumens IP PTZ / Box Camera
- NDI|HX2 Source (1080p 60/30fps)
- 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

## Video Output Number / Signal

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

## 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 fps

## Audio Input 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, NDI |HX, 16K/44.1K/48K)
- Support UAC

## Audio Output 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, NDI|HX2
- Push: RTMP / RTMPS / MPEG-TS / SRT
- TCP / UDP / HTTP
- DHCP Client

**Support IP Sources**

- Lumens IP Camera, RTSP, NDI|HX2

**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)