

LC200 CaptureVision System



Lumens CaptureVision System LC200 is an innovative media processor that allows you to record and create live streaming by mixing, encoding, and switching up to 4 HDMI or 3 IP video sources, and 4 audio sources. The LC200 can backup video files to a content management server or stream to most cloud video servers. It is applicable for use in education, corporate, government, healthcare, house of worship, and other applications.

Key Features

- Supports 1080p 60/30fps recording.
- Supports 4 HDMI Inputs and IP video sources including Lumens IP Cameras, and standard RTSP streams.
- Flexible scaling and window processing, supports PIP, PBP and up to 4 windows layout and mixing.
- Advanced Scenes Switch.
- Supports HDMI-embedded audio or analog stereo audio with 4 channels Audio Input mixing and gain control.
- Built-in 1TB HDD storage.

Product Interface

■ Front Side View



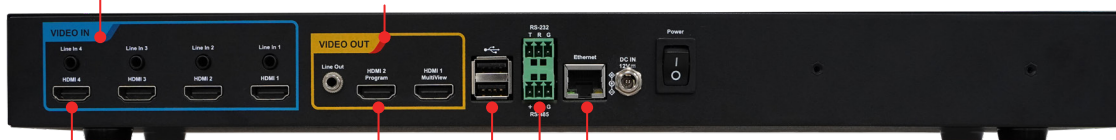
■ Back Side View

Analog stereo audio Input

Supports 4 analog stereo audio (3.5 mm phone jack)
For line in and MIC in.

Line Out

3.5mm phone jack line out for live audio mix monitoring.



HDMI Input

Supports 4 full HD HDM video inputs and HDMI-embedded audio.

HDMI Output x2

One Program(mixed video) and one Multi-view(GUI) interface output to display.

USB 2.0

Supports USB Mouse and Keyboard for the GUI interface operations.

RS-232/RS-485 serial port

Supports USB Mouse and Keyboard for the GUI interface operations.

Ethernet

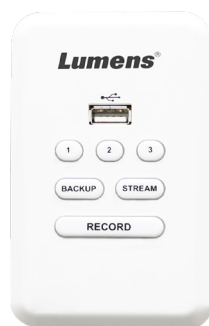
Ethernet port allows to receive video streaming from the IP source, stream transport and transfer storage directories. It also supports embedded web interface and AV control systems.

Product Specifications

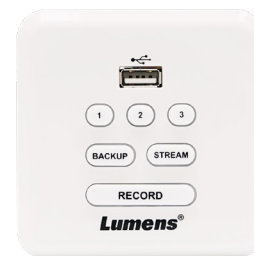
VIDEO INPUT		AUDIO OUTPUT	
Number/Signal	4 HDMI digital video	Number/Signal	1 stereo, unbalanced 3.5mm phone jack 2 stereo, digital de-embedded audio from HDMI
Connection	4 female HDMI type-A	COMMUNICATION	
Resolution Range	480i~1080p 60fps	USB	2 rear panel USB 2.0 type A Support USB mouse, keyboard, HID touch display
IP Source	Lumens IP PTZ / Box Cameras RTSP Source (H.264 1080p 60 / 30fps)	Serial Control	RS-232 /RS-485 port
VIDEO PROCESSING		ETHERNET	
Video Compression	H.264 / AVC 4:2:0 8bit color Encoding profile: High, Main, Baseline	Ethernet Host Port	1 female RJ-45 10/100/1000 Base-T high/full duplex
Bitrate	200 kbps to 10 Mbps	Streaming Protocol	Pull: RTSP Push: RTMP / RTMPS / MPEG-TS TCP, UDP, HTTP DHCP Client
VIDEO OUTPUT		FUNCTIONS	
Number/Signal	3 H.264 / AVC digital video over Ethernet 2 HDMI digital video	Support IP Sources	Lumens IP Camera, RTSP
Scaled Resolution	1080p	Scenes Switch	Yes, preset for layout, background, and overlay
Frame Rate	30 / 60 fps	Layout Switch	Yes (Single, PIP, PBP, 3 and 4 windows layouts)
RECORDING AND STORAGE		Background Switch	Yes
Internal Storage	Standard 1TB HDD / Optional 2TB HDD	Overlay	Yes
External Storage	1 USB 3.0 port in front panel	File Backup	FTP / SFTP / USB Flash Drive
File Type	MP4 (H.264 / AAC), JPEG	GENERAL	
Resolution	360p, 720p, 1080p	Power Supply	DC In , 12V / 2A
Frame Rate	Max. 1080p 60 / 30 fps	Power Consumption	24W
AUDIO INPUT		Dimension	Standard 1u rack dimensions 122.5mm(L) x 431mm (W) x 44.3mm (H)
Number/Signal	4 Line In/MIC In (stereo, 3.5mm phone jack) 4 stereo, digital de-embedded audio from HDMI IP Audio Source (RTSP, AAC-Raw, 16K/44.1K/48K)	Weight	1.2 kg
AUDIO PROCESSING			
Compression	AAC-LC		

Optional Accessory

Lumens LC-RC01 remote control panel, a wall plate for the LC200 to control the live streaming, recording, and video file saving options. The panel provides three macro functions that can remotely switch the scene and control the cameras preset. The LC-RC01 can be extended to 30 meters through a Cat 5e cable. It can be mounted on walls and furniture in any standard one-gang US/EU A/V frame enclosure. Equipped with a USB port, it supports USB flash drives to record or backup video files. The LC-RC01 offers greater flexibility for operating the LC200.



U.S. standard: LC-RC01U



Europe standard: LC-RC01E

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