# 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

## One Touch Record and Stream

Start / Stop recording, streaming and snapshot.

#### Lavout / Source Switch

Single, PIP, PBP...layouts switch, select the source for each window, and customized scene switch.



#### USB 3.0 for Storage

Front-panel USB port makes connecting a portable storage device easy for recording directty to a USB and easy for carry. It supports by copying a video file to a USB flash drive.

#### ■ 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 HDMI video inputs and HDMI-embedded audio.

#### HDMI Output x2

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

Supports USB Mouse and Keyboard for the GUI interface operations

#### RS-232/RS-485 serial port

Control and manage the LC200 from the AV control system.

#### 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		
Number/Signal	4 HDMI digital video	
Connection	4 female HDMI type-A	
IP Source	Lumens IP PTZ / Box Cameras	
	RTSP Source (H.264 1080p 60 / 30fps)	
VIDEO PROCESSING		
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	
Scaled Resolution	1080p	
Frame Rate	30 / 60 fps	
	RECORDING AND STORAGE	
Internal Storage	1TB HDD	
External Storage	1 USB 3.0 port in front panel	
File Type	H.264 and AAC in an MP4 container, JPEG	
Resolution	480p, 720p, 1080p	
Frame Rate	Max. 1080p 60 / 30 fps	
File Backup	FTP / SFTP / USB Flash Drive	
	AUDIO INPUT	
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)	

AUDIO PROCESSING		
Compression	AAC-LC	
AUDIO OUTPUT		
Number/Signal	1 stereo, unbalanced 3.5mm phone jack 2 stereo, digital de-embedded audio from HDMI	
COMMUNICATION		
USB	2 rear panel USB 2.0 type A Supports USB mouse, keyboard	
Serial Control	RS-232/RS-485 port	
ETHERNET		
Ethernet Host Port	1 female RJ-45 10/100/1000 Base-T high/full duplex	
Streaming Protocol	Pull: RTSP Push: RTMP / RTMPS TCP, UDP, HTTP HDCP Client	
	GENERAL	
Power Supply	DC In , 12V / 2A	
Power Consumption	24W	
Dimensions	Standard 1u rack dimensions 122.5mm(L) x 431mm (W) x 44.3mm (H)	
Weight	1.2 Kg	

# **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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