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, Lumens NDI|HX 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.

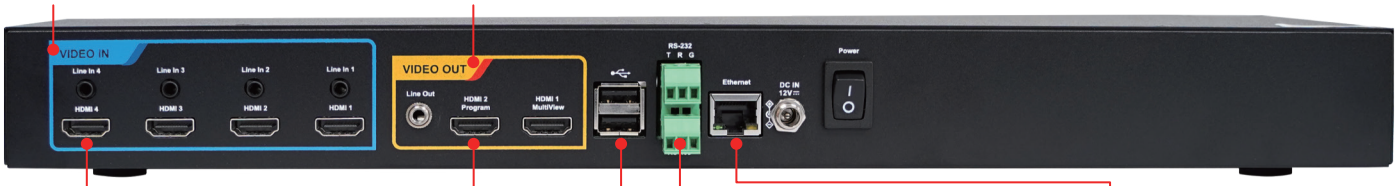
Layout / Source Switch
Single, PIP, PBP...layouts switch, select the source for each window, and customized scene switch.

USB 3.0 for Storage
Front-panel USB port makes connecting a portable storage device easy for recording direclty 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.

USB 2.0
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.

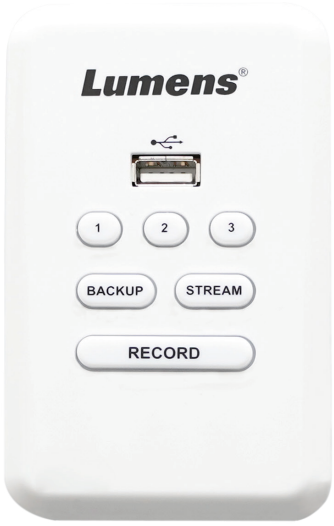
Product Specifications

INPUT	
Number/signal	4 HDMI digital video
Connection	4 female HDMI type-A
IP Source	Lumens IP PTZ / Box Cameras Lumens NDI|HX 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
AUDIO INPUT	
Number/signal	4 Line In/MIC In (stereo, 3.5mm phone jack) 4 stereo, digital de-embedded audio from HDMI

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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May, 2020