# 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, NDI|HX Camera, 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.

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

Supports USB Mouse and Keyboard for the GUI interface operations

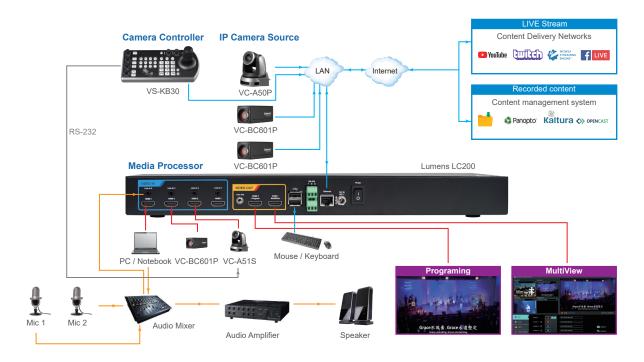
#### RS-232/RS-485 serial port

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.

## Live Streaming Diagram Example



## **Product Specifications**

INPUT		
Number/signal	4 HDMI digital video	
Connection	4 female HDMI type-A	
IP Source	Lumens IP PTZ / Box Camera Lumens NDI HX Camera 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	



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