## VS-LC200 CaptureVision System



Lumens Capture Vision 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

#### Lavout / Source Switch One Touch Record and Stream

Start / Stop recording, streaming and snapshot

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



#### USB 3.0 for Storage

Front-panel USB port makes connecting a portable storage device easy for recording directly to a USB and easy for carry. It supports copy a video file to 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.



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

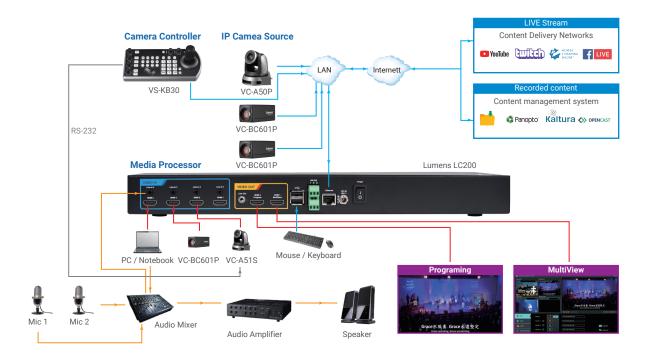
One Program(mixed video) and one Multi-view(GUI) interface output to display

Supports USB Mouse and Keyboard for the GUI interface operations.

Control and manage the LC200 from AV control system

Ethernet port for receive video streaming from 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	IP PTZ / Box Camera	
	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	720p, 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	360p, 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 Support USB mouse, keyboard	
Serial control	RS-232/RS-485 port	
Ethernet		
Ethernet host port	1 female RJ-45 10/1001000 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	



Lumens Integration, Inc. 4116 Clipper Court Fremont, CA, 94538 Phone: 888.542.3235 Fax: 510.252.1389 Lumens Europe Stationstraat 5 1730 Asse, Belgium Phone: +32 473 58 38 95 Fax: +32 (0) 2 452 76 00

