LC100 Installation Guide

Lumens®

1. Introduction of Product Functions

1.1 Front View
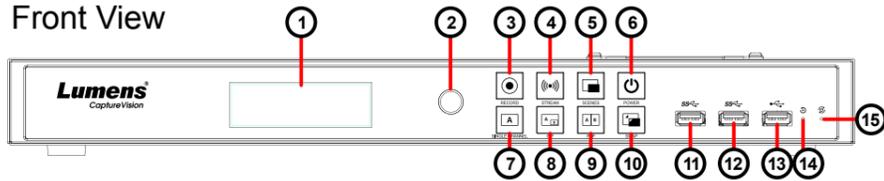
1.2 Back View

1.3 Function Descriptions

No.	Item	Function Descriptions	No.	Item	Function Descriptions
1.	LCM	Display Menu and Information	16	DC IN 12V	DC 12 V power connector
2.	Knob	LCM knob	17	Input1	▪HDMI Input 1 ▪3G-SDI Input 1 ▪HDMI Passthrough
3	Record	Start/Stop recording			
4	Stream	On/Off image streaming	18	Input2	▪HDMI Input 2 ▪3G-SDI Input2
5	Scene	Switch templates	19	Output	▪PGM: Main screen output, display the recording or streaming screen and layout ▪Multiview: Operation interface output; display the settings menu and image management
6	Power	On/Off the device power			
7	Single Channel	Display a single channel screen			
8	PIP	Switch to PIP (picture in picture)			
9	PBP	Switch to PBP (picture by picture)	20	USB3.0 port	Supports the following devices: ▪ USB video/audio devices ▪ External storage disk ▪ Keyboard/mouse ▪ LC-RC01 (optional) controller
10	SWAP	Switch signal channels			
11	USB3.0 port	for external storage disk			
12	USB3.0 port	for external storage disk			
13	USB2.0 port	Can connect to keyboard/mouse device operation menu	21	Ethernet	Connect to LAN
14	Factory Reset	Reset all configurations to factory default settings	22	RS-232/ RS-485 port	Connect to AV control equipment
15	Restart	Reboot the machine	23	XLR audio in	Connect to a microphone or audio mixer
			24	Line In/ Out	Audio In/Out

2. Product connection diagram
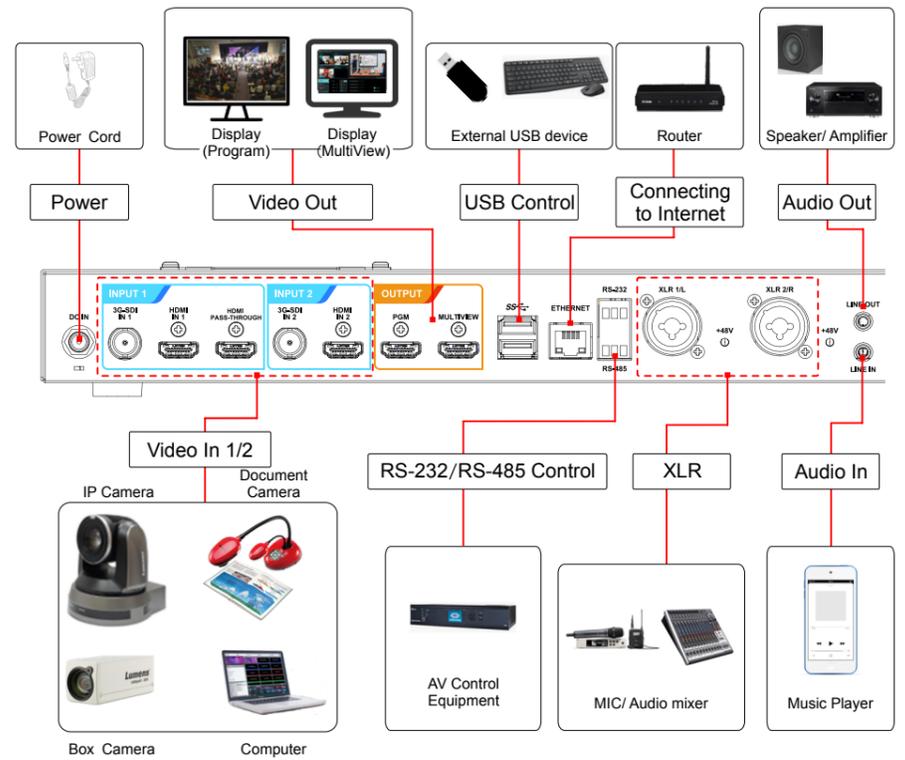
3. Precautions Prior to Use

3.1 Lumens strongly recommends the use of a hard drive (not supplied) for recording video and audio.

3.2 LC100 supports 2.5"/3.5" SATA hard drives.

3.3 If no hard drive is installed, use a USB disk for external storage.

4. Hard drive installation steps

4.1 Remove the screws (5 pcs) on the top cover.
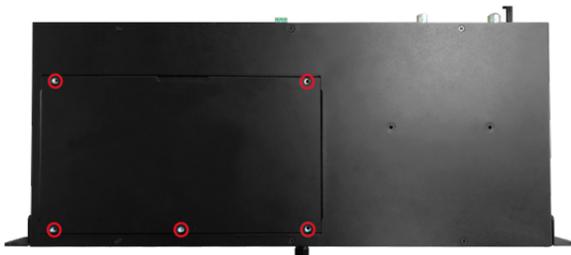
4.2 Loosen the following screws.
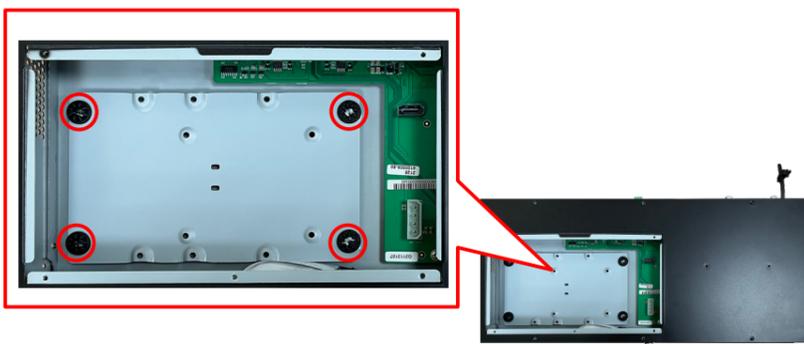
4.3 Attach your hard drive to the connection cable.

   * Please make sure the port and the L-shaped slot of the cable are aligned before insertion. Do not force the connection to avoid damage to the port.
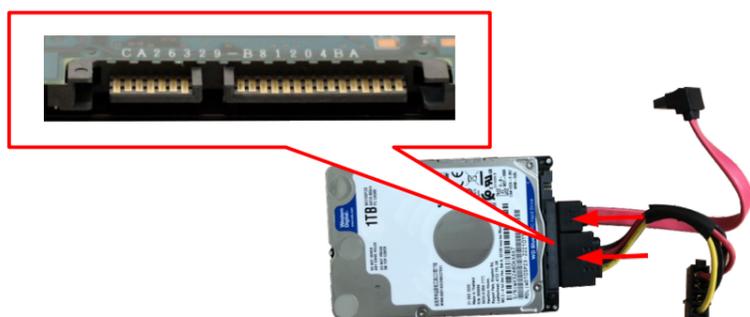
4.4 Fasten the hard disk to the metal plate with the provided screws (4 pcs).

   A. 2.5" SATA Hard Drive holes

   B. 3.5" SATA Hard Drive holes

   * Do not over-tighten the screws to avoid damage to the hard drive. Only use the screws provided.
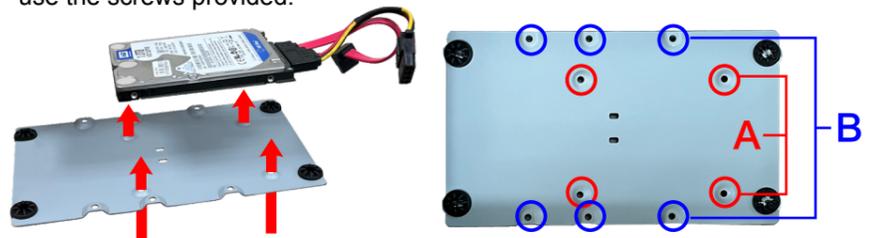
4.5 Lock the hard drive mounting plate in place and insert the connection cable.
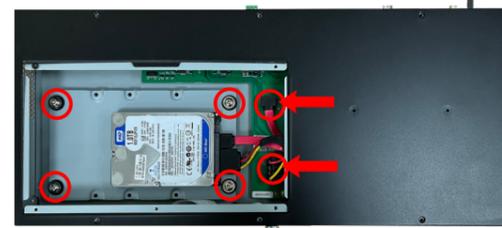
4.6 Close the top cover to complete the installation.

4.7 Hard drive setting

After installation, you need to log in to the web page and click Storage Setting > Hard Disk Information to format the drive.

   *Formatting the drive will erase all existing data on the disk
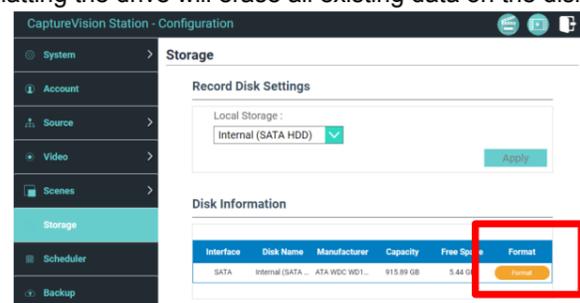
5. Real-time operation menu

Connect the HDMI1 MultiView output to a monitor to display the real-time operation menu
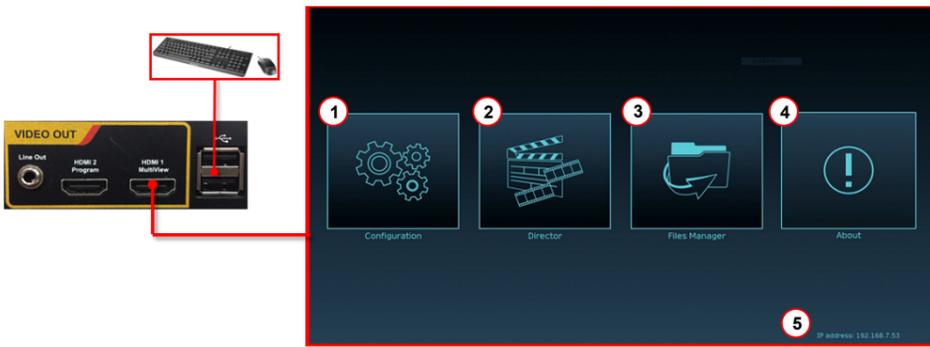
No.	Item	Function Descriptions
1	Configuration	Configure the network settings and recording/streaming quality
2	Director	Creative control of video and audio inputs, audio feeds. Control recording and streaming and network video cameras
3	File Management	Transfer, upload, download, delete, and play back video files
4	About	Display the current LC100 firmware version
5	Device IP	Displays the device's network IP address.

6. Web Interface

6.1 Confirm the IP address of the device
Connect the LC100 to a router. Note the IP address of the device (visible in the lower right corner of the HDMI MultiView output screen) .

6.2 Input the device,s IP address into the web browser, e.g. 192.168.100.100.

Address http://192.168.100.100

6.3 Please enter your account/password to log in.

Account : admin
Password : admin

Web Interface

Thru the web interface users can access the File Manager, the MultiView interface and system settings.
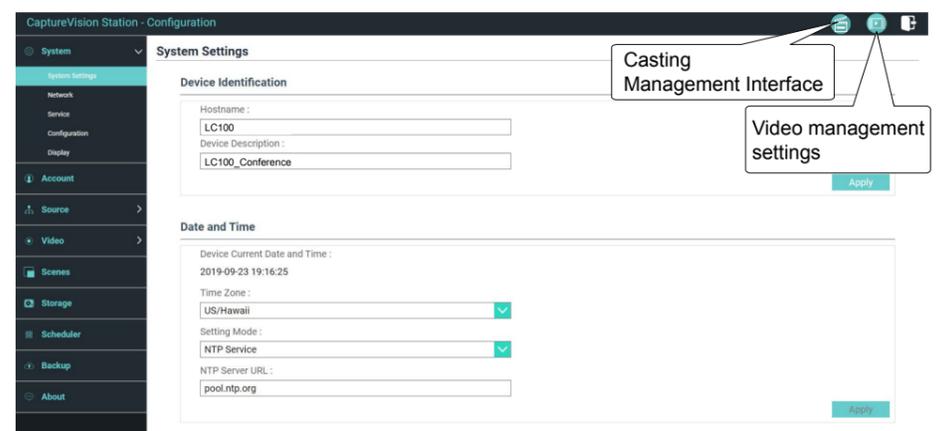
7. Director Tab

Follow these steps to access the Director Tab

■On the MultiView interface, select Director

■Log in to the web page by entering the online Director Casting Account /Password (default setting: director/director)

Channel
The drop-down menu allows the user to select the required input HDMI sources, USB camera, IP camera, IP streams.

Main Screen Output
Displays the program out video.

REC
Start or stop recording; also select the option to synchronously stream.

Recording Progress Bar
Displays current streaming /recording status and hard disk capacity.

Audio
Manage the input and output audio sources; adjust the audio recording volume.

Scenes
Select the required production layout, or customize the background and theme style.

Camera Control
Provide IP video camera/ PTZ control.