

## C6 4K UHD Video Encoder

### Quick Start Guide

(202410 V1.0)

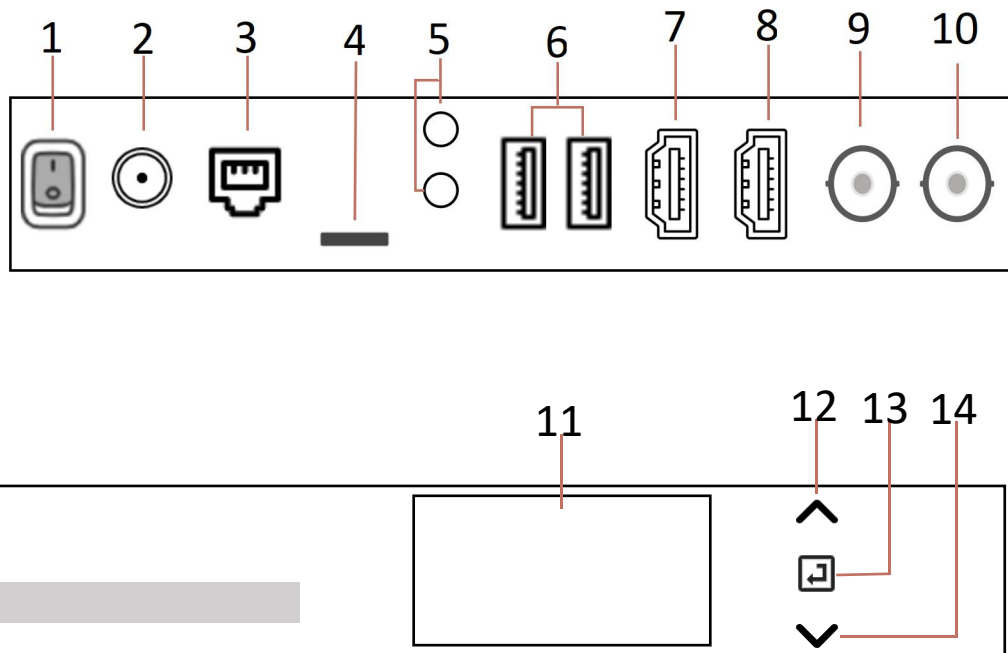


Thanks for purchasing CNDLive product. Please take some time to read this document to get familiar the functions available in the unit. This guide is only for reference and does not constitute a commitment. Product color, dimensions, Web UI, price, availability and specifications are subject to change without notice.

## 1 Packing List

Item	Unit	QTY
Device	PCS	1
Power Adapter	PCS	1
Warranty Card	PCS	1
Quick Start Guide	PCS	1
Certificate	PCS	1

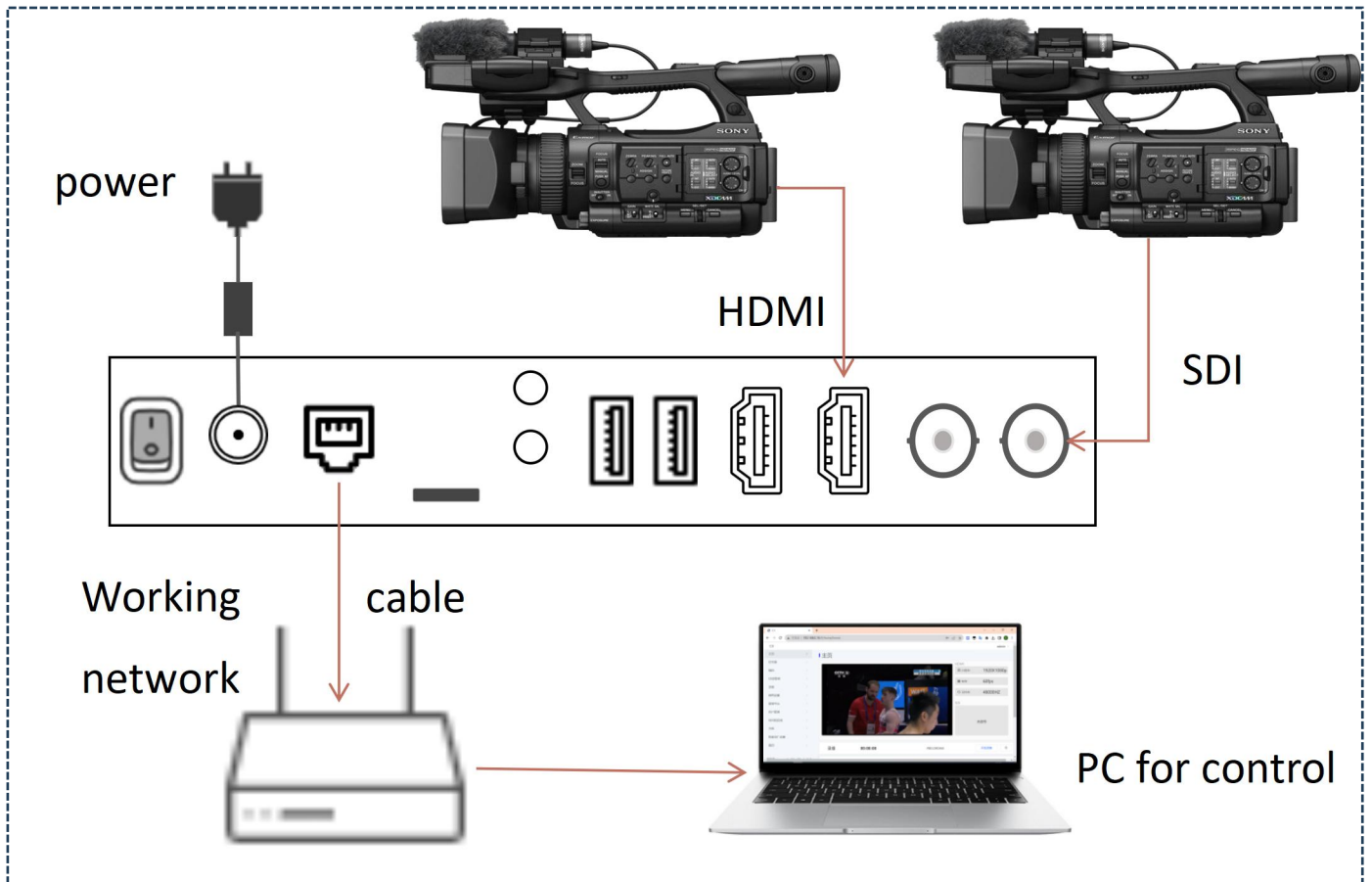
## 2 Device Interfaces



1	Power Switch	8	HDMI IN
2	Power Port	9	SDI Loop
3	1000M RJ45 Ethernet Port	10	SDI IN
4	Micro SD/TF slot	11	LCD Screen
5	3.5mm LINE IN/OUT	12	Up
6	USB-A port	13	OK
7	HDMI Loop	14	Down

### 3 Device Installation and Connection

#### 3.1 Device Installation



 **Note**

- Please use the equipped power adapter to power the device.
- You can connect both HDM and SDI sources, or either one
- After setup, open the device via the switch button on the panel.

### 3.2 Check the IP address

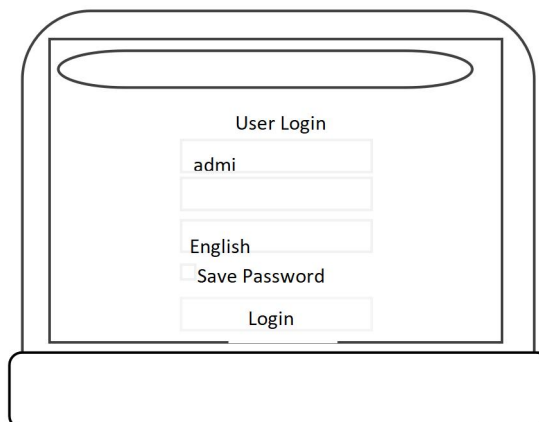
You can find the IP address through LCD screen (It needs to make sure your network supports DHCP) .

Press “Down” till you see “Wired Network” information.



### 3.3 Log in to the Web UI

Open a web browser and enter the IP address you see from Chapter 3.1. Then enter the default username and password (admin/admin) to log in to the Web UI.




### 3.4 Select Video Source

The default video source is HDMI, you can select other source via configuration.

- 1) Click "Encoding" > "Video Signal"
- 2) Pull down the menu, you can select HDMI, SDI, A mix and B mix.
- 3) Then goes back to Home page, preview the real-time video of current encoding sources.

| Home



The screenshot shows a video preview window on the left displaying a scene with a central glowing object and the Chinese characters "中國" (China). To the right of the preview are two configuration panels. The top panel is for HDMI, showing Resolution: 1920X1080p, Framerate: 60fps, and Sampling: 48000HZ. The bottom panel is for SDI, showing Resolution: 1920X1080i, Framerate: 50fps, and Sampling: 48000HZ.

HDMI	
Resolution	1920X1080p
Framerate	60fps
Sampling	48000HZ

SDI	
Resolution	1920X1080i
Framerate	50fps
Sampling	48000HZ

#### Note

If preview is still blue or abnormal screen, please check your source is correctly connected, video resolution formats or change the cable.

### 3.5 Add Stream Service

Click "Home" on the dashboard, then "Stream Service" to add streams. Select NDI|HX in the popup dialog box.

- 1) Fill the name and channel name, group is optional, default group is "public" .
- 2) Click "OK" to save it.

3) Open "Studio Monitor" from NDI tools, right click to auto discover the current device name and configured channel name.

4) Select the corresponding channel name. Studio Monitor will play the received video streams automatically.

Modify Stream

Stream

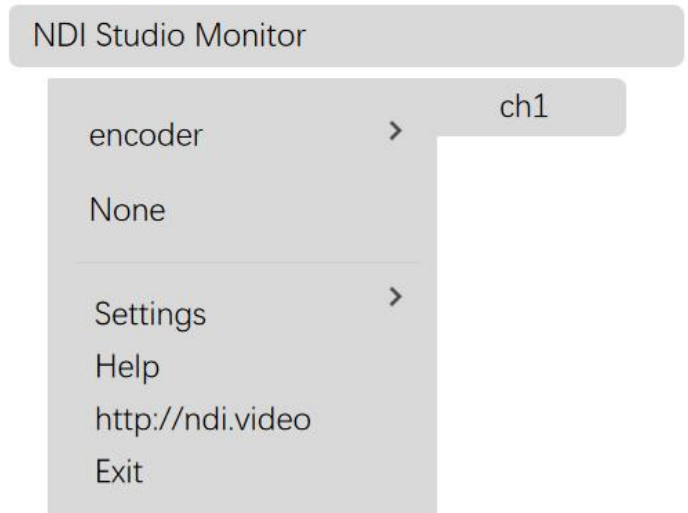
Main/Sub Stream

\* Name

\* Channel

Group

Connexion



## 4 RTMP Live Streaming

Click "Home" on the dashboard, then "Stream Service" to add streams. Select RTMP/RTMPS in the popup dialog box.

**Stream key**

Select stream key

**Default stream key (RTMP, Variable)**

Stream key (paste in encoder)

.....

Stream URL

`rtmp://a.rtmp.youtube.com/live2`

Backup server URL

`rtmp://b.rtmp.youtube.com/live2?backup=1`

YouTube also supports RTMPS for secure connections. [Learn more](#)

Take YouTube as an example.

Firstly obtain the RTMP push URL from the platform. Login to YouTube, click "Live Video" to enter the live room, and click "Use Stream Key" for live broadcast.

Then fill in the URL of live broadcast and Stream Key into the URL address of the RTMP push point, and start the streaming service.

You will see the video in the live broadcast room at the same time.



### Note

- Different platforms have different ways to get the streaming address, please subject to each platform instructions.
- When the platform RTMP address and live broadcast code are separate, you need to add the symbol "/" after the RTMP address. The format is: RTMP address/live broadcast code.
- Username and password are not a must. They are required only when the live broadcast room of the platform is configured. Most platforms can stream directly by default.

## 5 Firmware Update

Click "Updating" to check if there is any latest firmware available to download. If yes, select the downloaded firmware and click "Firmware Upgrade".

After uploaded the firmware successfully, it needs to reboot the device. After clicking "ok", the device will restart, please be patient.



### Note



- Please do not power off during the upgrade process, otherwise the device couldn't work.

- Generally, it will take 3-5 minutes to upgrade the device. If it's still not completed after 5 minutes, please try refreshing webpage, if you still can't access it, please try to contact for technical support.

## 6 Restore Factory Settings

If the device cannot work normally after modified the parameters or forgot internet IP configuration and couldn't search and find the device, please restore factory settings.

Two methods for restoring factory settings:

- 1) Reset through LCD screen. On the "State" page, click  enter "System Settings">"Down">"Reset", click  to confirm the restoring.
- 2) If you can login to web page, then via the web page, click "Settings>System settings>Restore factory settings".



**Note: After restoring factory setting, below parameters will be turned to default value:**

- Login username and password will be "admin" .
  - Your device will be restored to obtain a DHCP-assigned IP address by default.
  - All encoding parameters of video and audio will be restored to default value.
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## 7 Support

If you need more support, please contact the manufacture.

- Website: [www.cndlive.com](http://www.cndlive.com)
- Telephone: 86-0755-26888895
- Email: [support@cndlive.com](mailto:support@cndlive.com)