

C6 4K UHD Video Encoder

Quick Start Guide

(202311 V1.0)

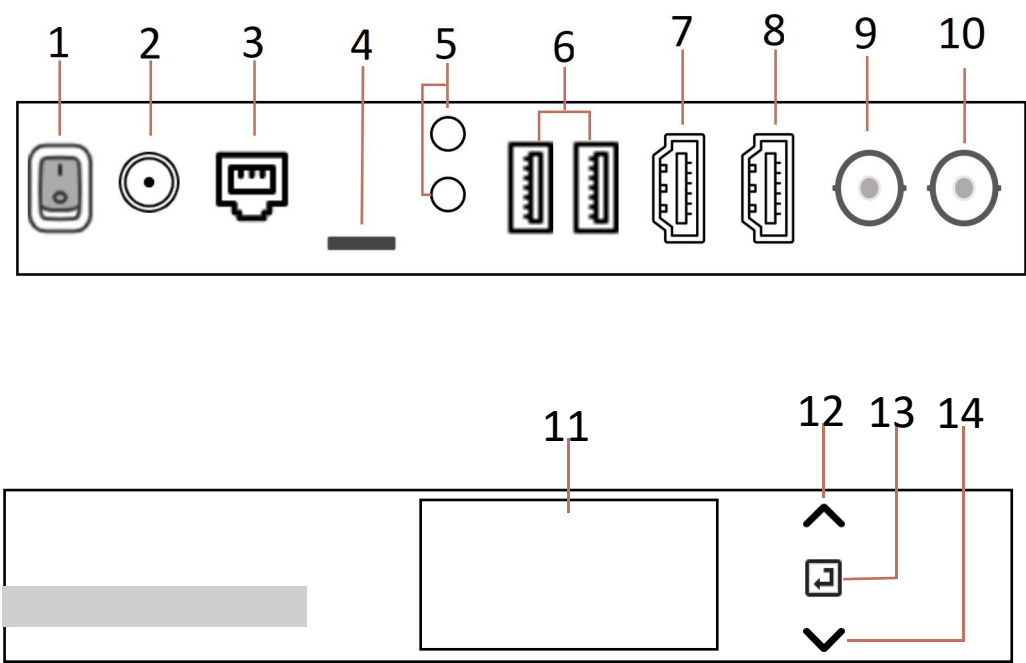


Thanks for purchasing CNDLive product. Please take some time to read this document to get familiar the functions available in the unit. This guide is only for reference and does not constitute a commitment. Product color, dimensions, Web UI, price, availability and specifications are subject to change 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

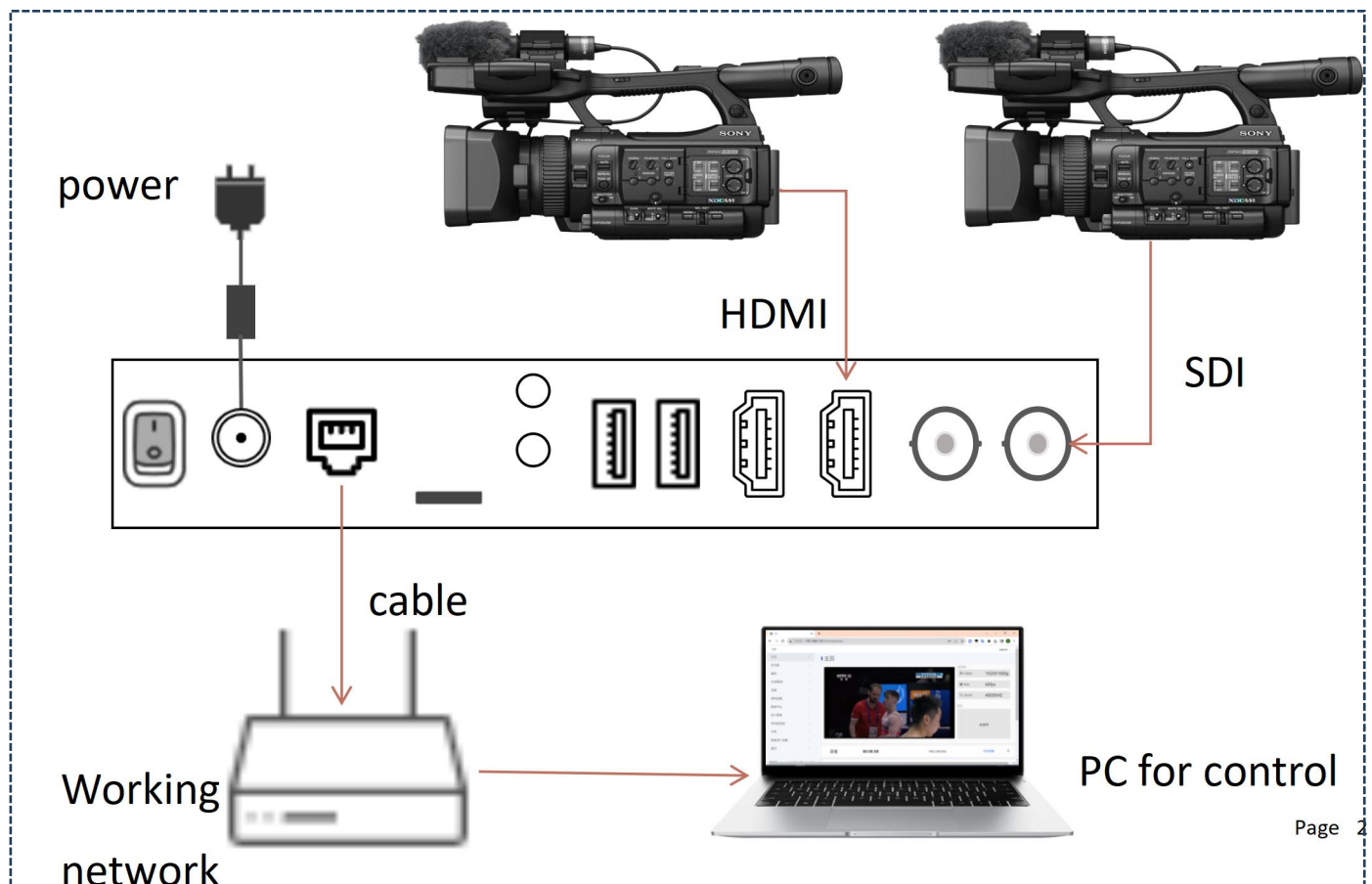
2 Device Interfaces



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



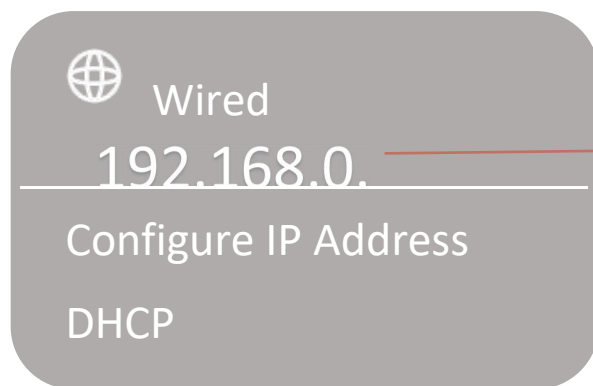
**Note**

- 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) .

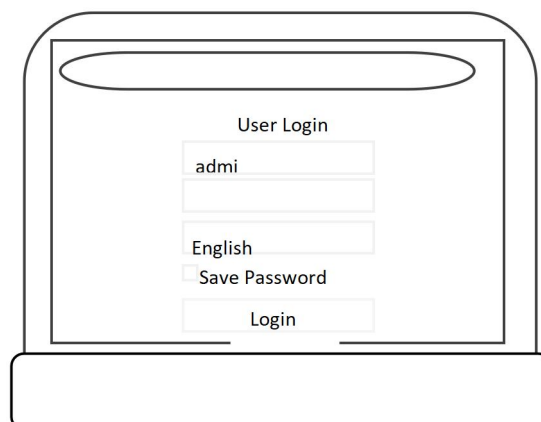
Press “Down” till you see “Wired Network” information.



IP address

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



HDMI

Resolution 1920X1080p

Framerate 60fps

Sampling 48000HZ

SDI

Resolution 1920X1080i

Framerate 50fps

Sampling 48000HZ



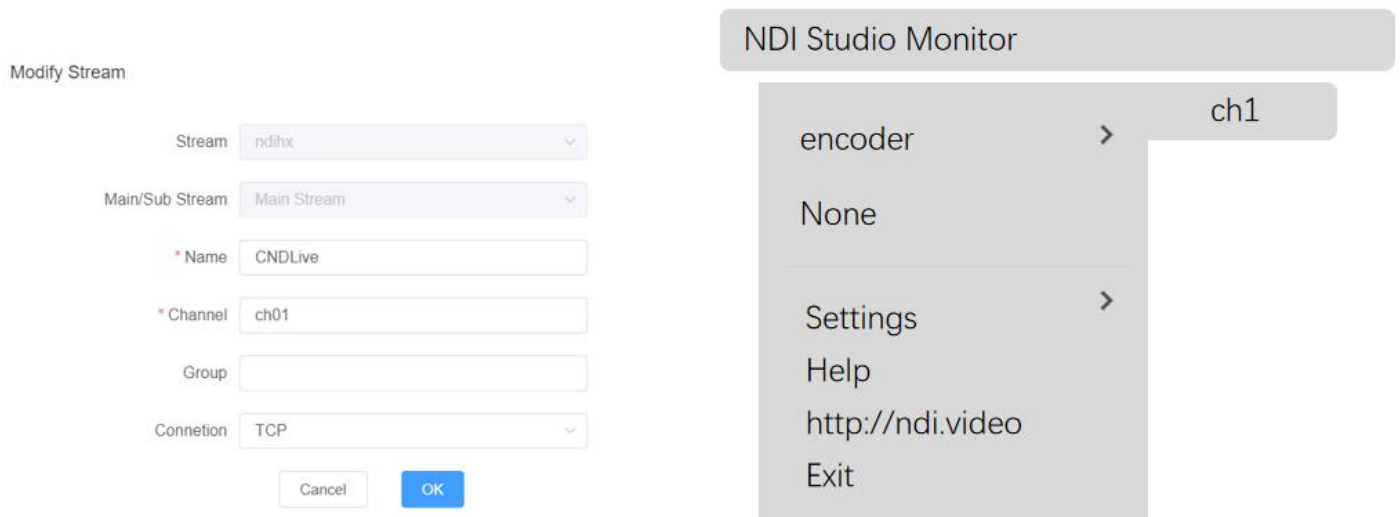
Note

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

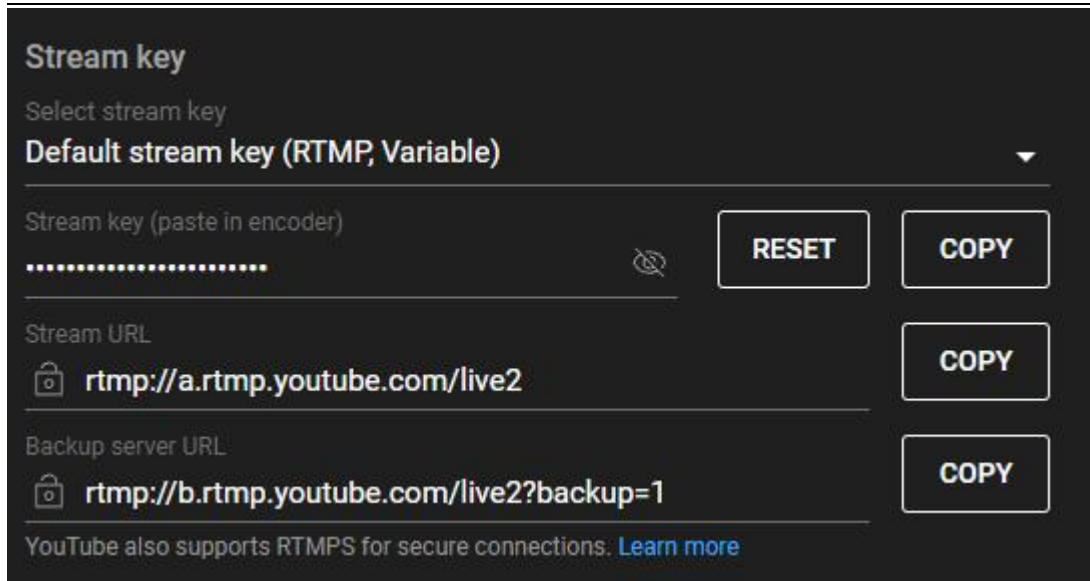
Click "Home" on the dashboard, then "Stream Service" to add streams. Select NDI|HX in the popup dialog box.

- 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.



4 RTMP Live Streaming

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

The screenshot shows a dark-themed web interface for configuring a stream key. At the top, it says "Stream key" and "Select stream key". Below this is a dropdown menu currently showing "Default stream key (RTMP, Variable)". Underneath the dropdown is a text input field for the "Stream key (paste in encoder)", which contains a series of dots and a lock icon. To the right of this field are "RESET" and "COPY" buttons. Below the stream key field is a "Stream URL" field containing "rtmp://a.rtmp.youtube.com/live2" with a lock icon and a "COPY" button. At the bottom is a "Backup server URL" field containing "rtmp://b.rtmp.youtube.com/live2?backup=1" with a lock icon and a "COPY" button. A note at the very bottom states "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.
-

7 Support

If you need more support, please contact the manufacture.

- Website: www.cndlive.com
- Telephone: 86-0755-26888895
- Email: support@cndlive.com

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.