Quick Start Guide

N6 HDMI Bi-directional Converter

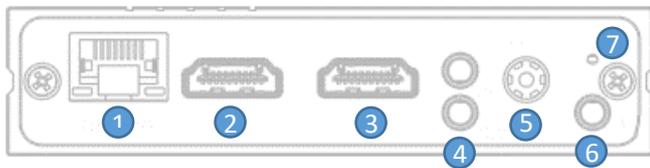## NDI + NDI|HX full function NDI converter

Before using this product, it is recommended that you read the guide carefully. To ensure your personal

safety and avoid physical or electrical damage to the device, please strictly follow the instructions of this

guide to install and use it under the guidance of professionals. Incorrect electrical connections or physical

installation may cause permanent damage to the device and even threaten personal safety.
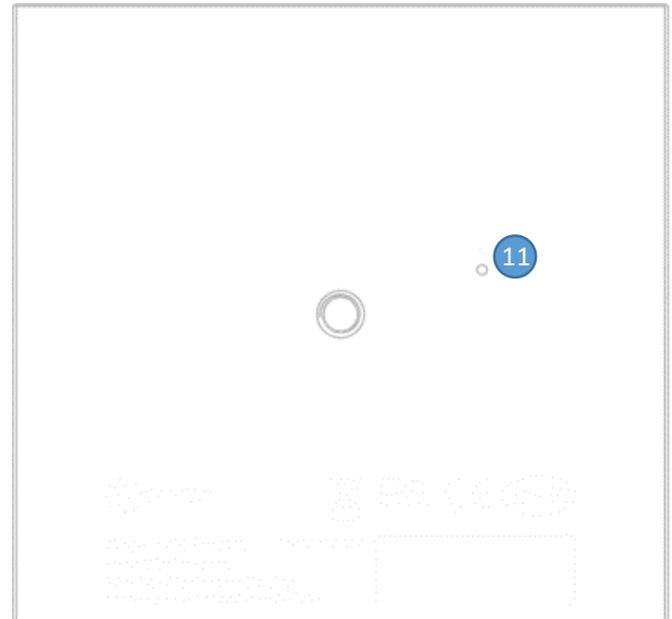
1.Packing List

	(1) N6X1
	(2) DC 12V/1A Power Supply X1
	(3) Cold Shoe X1
	(4) Warranty card X1
	(5) Quick start guide X1
You can find more details in https://www.kiloview.com/en/ for reference	

2. Interface description

(1) 1 GbE port with PoE

(2) HDMI Input

(3) HDMI Output

(4) 3.5mm Line in/Line out

(5) Power Port

(6) 3.5mm Mic in

(7) Tally
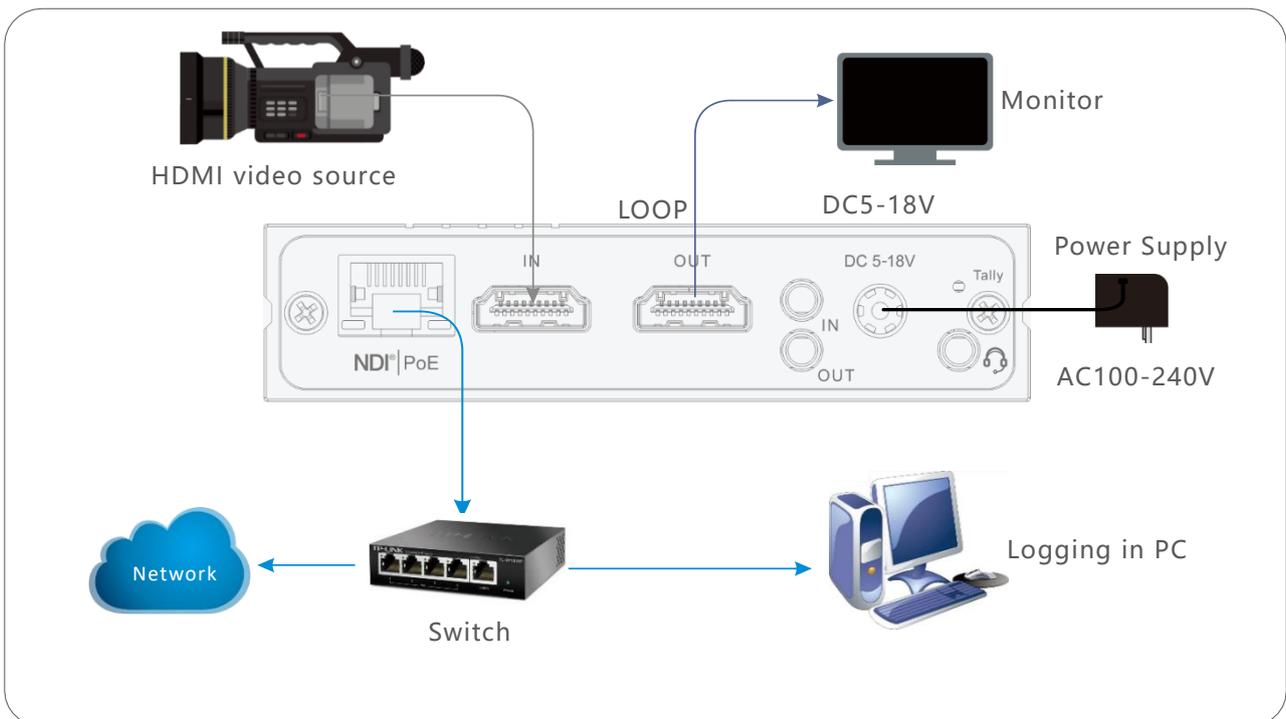
(8) USB Port

(9) Tally

(10) Status indicator

(11) Reset

3. LED Indicators

Tally	Video status under encoding mode			
	Green light always on		PVW	
	Red light always on		PGM	
LED Indicators	Name	Color	Status	Description
	Power	White	Always on	Power connected
			Off	Power off or failure
	LINK	White	Flashing	Network connected
			Off	Network disconnected/abnormal
	Run	White	Flashing	Working normally
			Always on	Starting to work
			Off	Working abnormal/not started

4. Applications

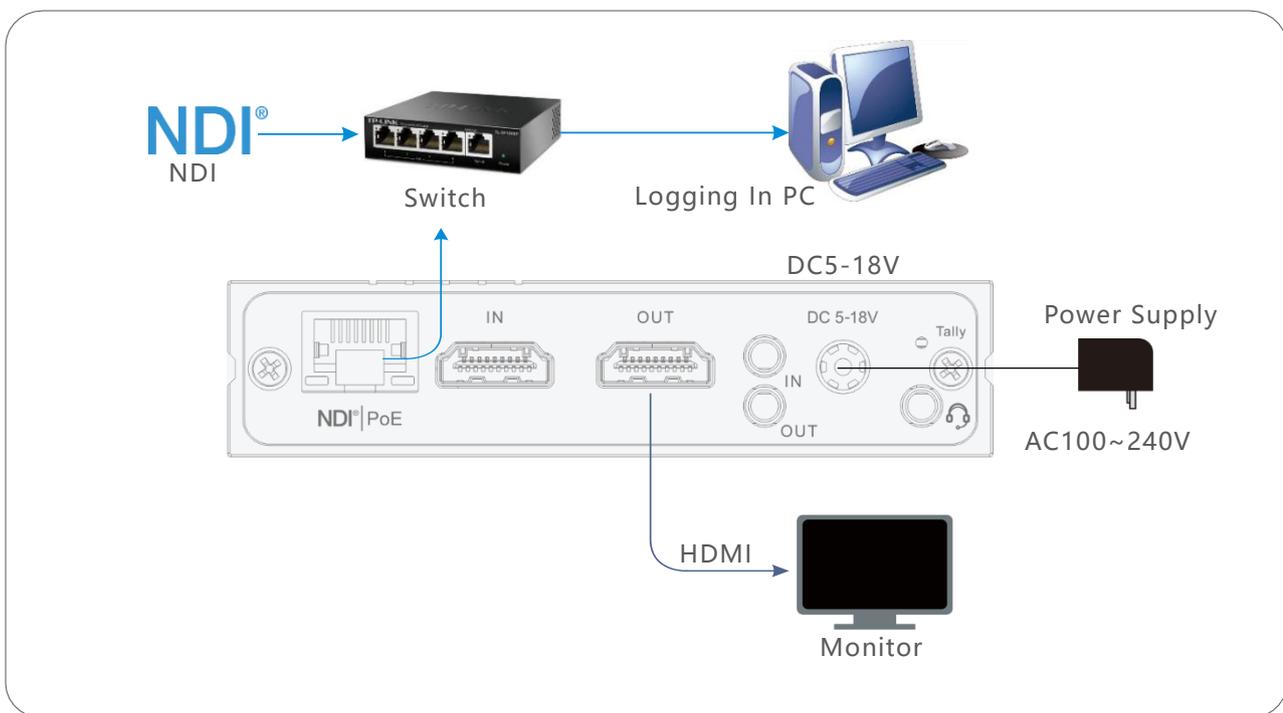## Making connection under encoding mode

⚠ NOTE:

(1) **Please use the standard power adapter equipped in the package. Likewise, other unqualified power adaptor may damage the device.**

(2) **Under encoding mode，please make sure the camera is connected to the HDMI IN connector.**

(3) **If you wish, you can connect N6 to your monitor for realtime review by HDMI OUT port.**

Making connection under decoding mode

⚠ NOTE:

(1) **Please use the standard power adapter equipped in the package. Likewise, other unqualified power adaptor may damage the device.**

(2) **N6 cannot do encoding and decoding simultaneously at present.**

(3) **Under decoding mode, make sure the monitor is connected to the HDMI output connector.**

5. Device discovery

（1）Download and install KV-MultiView NDI Player or Studio monitor of NDI Tools

● KV-MultiView NDI Player download site https://www.kiloview.com/en/support/download/，select "NDI series" — "MultiView"．

● Studio Monitor download site：https://www.ndi.tv/tools/
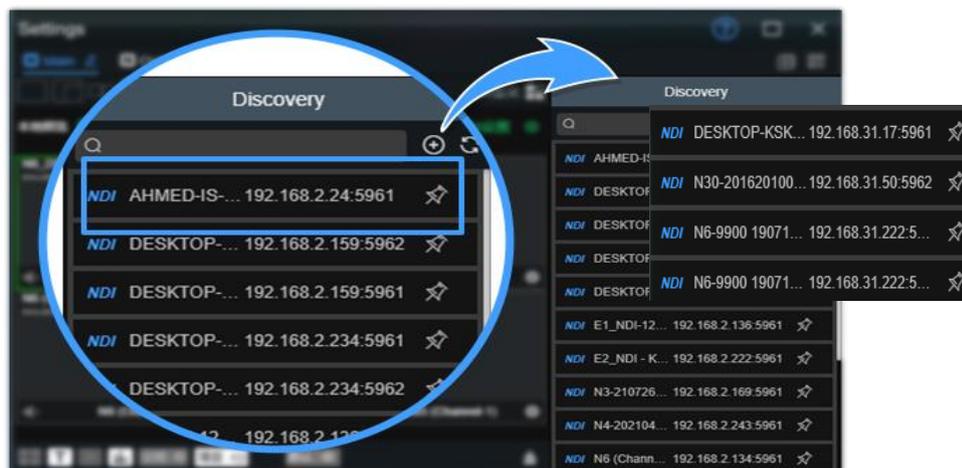
（2）Discover and login to the device

KV-MultiView NDI Player

①Click ▤ in the upper right corner to log into webpage.

②Find the device and IP address in the device list.

⚠ **NOTE:**

Naming rules：N6- (serial number). Serial number refers to the numbers pasted on the device label.

③Two ways of accessing to the device management page

Method 1：Enter IP address of the N6 in the browser.

Method 2: Drag the video source to the left window, wait and click the icon ⓔ in the upper right to connect to the Web UI.

Studio Monitor

Launch Studio Monitor and find the device. After selecting the device, click the gear at lower right to open the Web page and enter login credentials.

⚠ **NOTE:**

If the device cannot be discovered.

There is a default IP address 192.168.1.168, please configure the device and the computer to the same network segment and then access to the web page directly.

For more details, please search "How to manually configure the device IP address? " at our website

https://www.kiloview.com/cn/support/

④Login to the device

Default username/password is **admin/admin.**

For the first login or upgrading the firmware, you need to accept the End User License Agreement (EULA). Please read carefully.
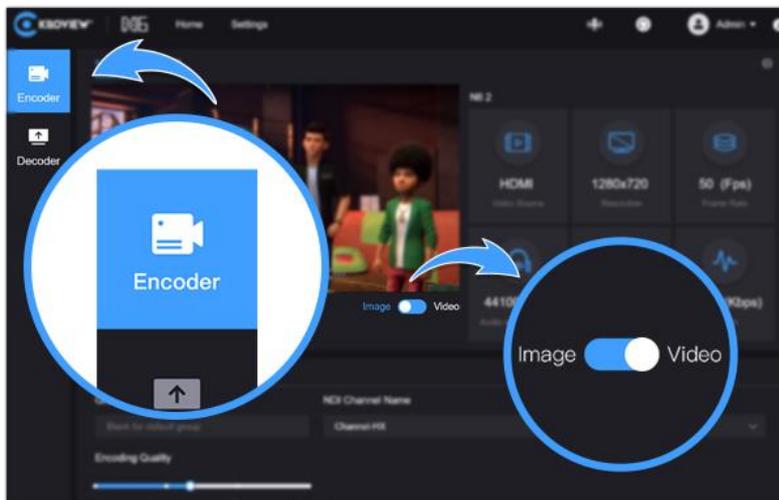
⚠ **NOTE:**

If there are multiple NDI devices, it is recommended to modify the device name in "Settings/Systems setting" in Web page. The device name discovered by KV-MultiView or other NDI discovery tools will be changed accordingly.

6. Device configuration

(1) Encoding Mode

The device is under encoding mode by default.

The video preview window is under "image" mode by default, and it is refreshed every 3 seconds. If your computer's CPU performance is good, you can click the mouse to switch to the "video" mode, and the smoothness of the preview will be improved.

For more configurations, please check 《N6 for NDI@ User Manual》 at our website:
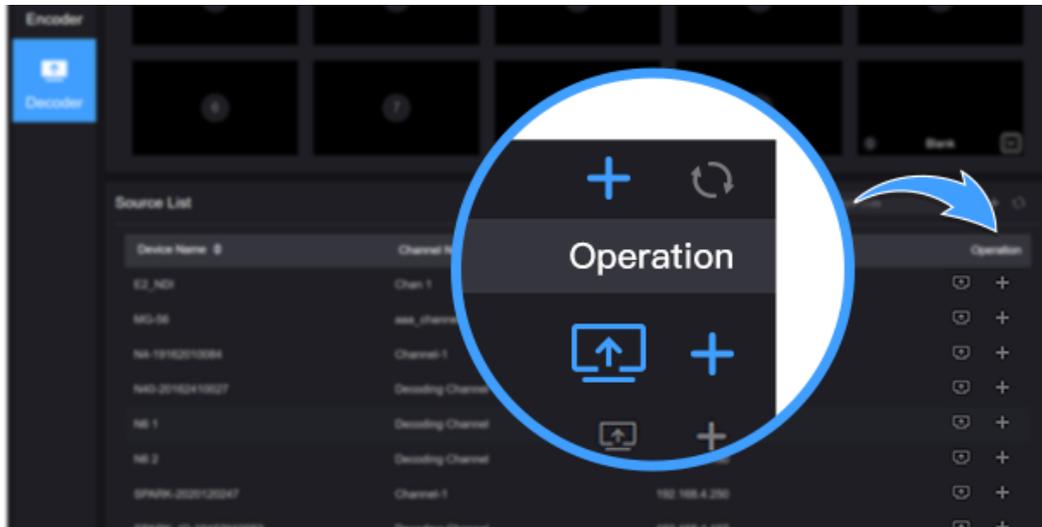
https://www.kiloview.com/cn/support/docs/.

(2) Decoding Mode

Please choose "Decoder" at the left side.

Under the same network segment, all NDI sources can be discovered automatically and be shown in the discovery list. Click "+" to add NDI sources in the other segments. Decode output by click . Preset by click .

⚠ **NOTE:**

"Preset" is to facilitate real-time view of frequently used sources for quick selection and switching.

7. Device upgrading

(1) Download the upgrade firmware

Login the download center: https://www.kiloview.com/en/support/download/. Click "Firmware" to download the latest firmware version.

(2) Upgrade the firmware

Login the WEB page, click "Settings"-- "System Settings"--"Firmware Upgrade" to check whether the latest firmware version downloaded is higher than your current version. Select the downloaded firmware and click "Firmware Upgrade".

⚠ **NOTE:**

(1) Please not power off during the upgrade process, otherwise the device couldn't work.

(2) Configurations may change greatly after updating for certain versions, and some functions may be used abnormally. It is recommended to restore the factory settings after the firmware upgrade.

8. Restore Factory Settings

If the device cannot work normally after modifies the parameters (the typical situation is to modify the network address and the encoding card cannot be accessed), please restore factory settings.

Two methods for restoring factory settings:

(1) Via the WEB page, click "Basic Setup--restore factory settings" function;

(2) Press RESET button. Pressing the RESET button for 5 seconds on the device, and the device will restore to factory settings and it will take about 30s.

⚠ **NOTE:**

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

● **Login username and password will be "admin";**

● **IP address will be restored as 192.168.1.168, subnet mask will be 255.255.255.0;**

● **All encoding parameters of video and audio will be restored to default value.**

⚠ NOTE:

To prolong the device life，please unplug the power and keep it properly if you don't use it for a long time.

For more questions, please contact us via：

https://www.kiloview.com/en/support/

Please scan with browser.

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