N5/N6
Full-Functional NDI Converter

Enhanced One-Stop Shop To Access The World Of NDI

Kiloview N5/N6 NDI converter is a bi-directional converter that supports 3G-SDI/HDMI input (encoder) to both NDI high bandwidth and NDI|HX2/3 with loop through for view on monitor, or 3G-SDI/HDMI video output (decoder) from any NDI sources coming from any camera, software or device from any brand, either from NDI high bandwidth or NDI|HX2/3.

Featured with powerful functions such as PoE, LCD display with big-sized tally , PTZ control, 3.5mm audio line in/out, multi-channel audio, intercom functions, centralized management, N6 is the easiest way to get access to the fabulous NDI world for low latency and high image quality with versatile choices.

N5 supports 3G-SDI input while N6 supports HDMI input.

2-IN-1 for NDI Encoding & Decoding

Kiloview N5/N6 supports encoding/decoding of NDI High Bandwidth and NDI|HX2/3. Both NDI encoding and decoding can work within this compact device. Switch the working mode on the UI to the mode you want, and it can easily accommodate all of your workflows.

In encoding mode, N5/N6 can encode 3G-SDI/HDMI signal into an NDI High Bandwidth/NDI|HX2/3 video stream.

In decoding mode, N5/N6 will automatically adapt the NDI High Bandwidth/NDI|HX2/3 and output through 3G-SDI/HDMI.

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Kiloview N5/N6 supports 3.5mm analog audio line in/out or embedded audio. Max 4 CH audio encoding will be supported.

It also supports voice intercom between all Kiloview devices and the control PC/phone, with Kiloview Intercom server.
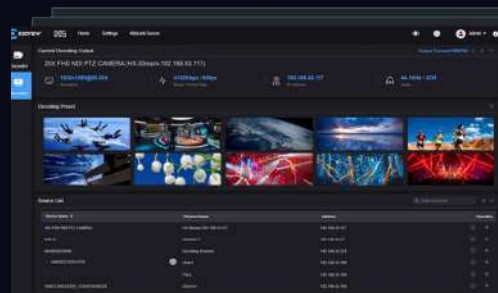
Built-in LCD Screen and Touch Button

N5/N6 is equipped with a 1.14-inch LCD screen with touch buttons for a better user experience. With the built-in LCD screen, you can easily check the connectivity, IP address, CPU, memory, resolution, temperature, and tally status in real-time.

Seamless Switching

In decoding mode, you can preset up to 9 NDI sources from the web UI and choose one to output without suffering from black screen, flashing and lagging.

PTZ Control

Kiloview N5/N6 supports PTZ control through USB to serial RS232/485/422. It also supports PTZ control over IP with different protocols, no extra cable required.

Control with a USB Keypad

In decoder mode, you can preset the NDI sources from numbers 0~9. Connect the decoder with a USB keypad, you can easily choose the output source with a single press.

Or you can even use the USB keypad to control a PTZ camera-the cheapest PTZ keyboard you can get.

Power It as You Wish

With PoE, the N5/N6 can be powered with a single cable connection. With the design of wide DC input range from 5V to 18V, it can also be easily powered by USB power or a camera battery.
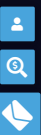
More Features

Centralized Management

Tally

Easy Mounting

Appearance

3G-SDI Output   3G-SDI Input

PoE   Audio Line in/out   Tally

NDI | PoE   OUT   IN   LINE IN/OUT   DC 12V

HDMI Input   HDMI Output

PoE   Audio Line in/out   Tally

NDI | PoE   IN   OUT   LINE IN/OUT   DC 12V

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Features

Model	N5/N6
Video Input	N5: 1*3G-SDI; N6: 1*HDMI
Video Output	N5: 1*3G-SDI (Loop-out); N6: 1*HDMI (Loop-out)
Audio Ports	1*3.5mm Line In 1*3.5mm Line Out
Network Connections	1*RJ45 1000Mbps Ethernet port (with PoE)
Video Formats	1920x1080P23/24/25/50/59/59.94/60 1280x720p30/50/59/60 1280x1024P60 1152x900P60 1152x864P60 1024x768P60 800x600P60
NDI Codec Features	NDI Highbandwidth: YCbCr 4:2:2 8bit 125Mbps in 1080p60 NDI|HX: YCbCr 4:2:0 8bit 80Mbps in 1080p60
Tally	Yes
Power Supply	PoE/DC/D-tap
Intercom	Yes
PTZ Control	Yes
DHCP	Yes
Management	WebUI/KiloLink Server
Power Consumption	6w
Operating Temperature	-20~45℃
Storage Temperature	-20~70℃
Size	100mm*80mm*24 mm
Weight	272g
N6 Support Download	Docs & Firmware

Datasheet Download

📄 N6 HDMI NDI and NDI HX Bi-Directional Converter

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4K P60 HDMI to NDI Encoder
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N1/N2 Wireless NDI Encoder
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N4
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