

N6 NDI Converter

NDI+NDI|HX, Encoding and Decoding, All in one



Descriptions

The first full function NDI converter on the planet

Kiloview N6 HDMI/NDI converter is a bi-directional converter that supports up to 1080p60 HDMI input (encoder) to both NDI for production and NDI|HX for monitoring at the same time, with loop through for view on monitor as well; or HDMI video output (decoder) from NDI and NDI|HX. This is the first NDI converter based on NDI SDK 5.0 which can handle both NDI and NDI|HX, encoding and decoding.

Featured with powerful functions such as PoE, built-in big tally light, PTZ control, 3.5mm audio line in/out, intercom functions, N6 is the easiest way to get access to the fabulous NDI world with versatile choices.

The first NDI Converter based on the latest NDI 5

- IP-based post production
- Video output to screen
- Low latency transmission
- Video conferences

Advantages

NDI and NDI|HX, Encoding + Decoding, All-in-One

- Plug-and-play operation, simple Web UI management
- HDMI input and encode both NDI for production and NDI|HX for monitoring, and loop through
- NDI or NDI|HX decoding with HDMI output
- Preset 9 sources output and a USB keyboard for switching optional or control a PTZ camera

Note: N6 can be used as either an encoder or a decoder but not simultaneously currently. Please note our update when simultaneous working is available.

Audio and intercom

- Support 3.5mm analog audio line in/out or embedded audio as well as Mic in
- Support voice intercom between all Kiloview devices and the control PC/phone, or with Kiloview Intercom server

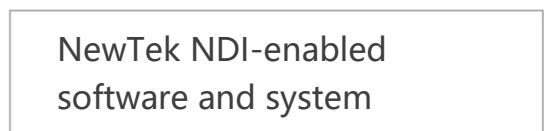
PTZ control

- Support PTZ control through USB to serial RS232/485/422
- And PTZ control over IP with different protocols, no extra cable required

Other features

- Wide DC input range from 5V to 18V, then easily powered by USB power or camera battery
- More power ways via PoE, D-Tap (camera)
- Built-in big Tally for PVW/PGM
- Super cooling system to make sure continuous working

Compatible software



Model	N6
Video input	1*HDMI
Video output	1*HDMI (Loop or decoding output)
Audio port	1*3.5mm Line In, 1*3.5mm Line Out, 1*3.5mm Mic
Network	1*RJ45 1000Mbps Ethernet port (with PoE)
Video resolution	<p>N6 Input: Up to 1080p60</p> <p>N6 Output: 1080p24/25/30/50/60 1080i50/60 720p50/60 1920x1200p60 1600x1200p60 1680x1050p60 1280x800p60 1440x900p60 1366x768p60 1280x1024p60 800x600p60 640x480p60 720x480p60 720x576p50</p> <p>N5 Input: 1920x1080p23.98/24/25/29.97/30/50/59.94/60 1920x1080psf25/29.97/30 1920x1080i50/59.94/60 1280x720p25/29.97/30/50/59.94/60 480i625i 60 (PAL) 576i625i 50 (NTSC)</p> <p>N5 Output: 1920x1080p24/25/29.97/30/50/59.94/60 1920x1080i50/59.94/60 1280x720p50/60 480i625i 60 (PAL) 576i625i 50 (NTSC)</p>

Parameters

NDI®CODEC feature	FULL NDI HD encoding, typical bitrate: 125Mbps@1080p60
LED indicator	Tally light, power light and status connection light
Power	PoE, DC, D-Tap (camera) optional. 5-18V wide range supported
Voice intercom	Support
PTZ control	Network PTZ and Serial Port
DHCP	Support
Management	WEB page
Dimension	100*80*24 mm (3.94*3.15*0.94)

Note:

N5 Encoding: 3G-SDI level A/level B input resolution supported.

N5 Decoding: 3G-SDI level A output format supported.

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