KILOVIEW®

N6/N5 HDMI/3G-SDI NDI Encoder/Decoder

VERSATILE INPUTS ENDLESS NDI POSSIBILITIES

NDI HB+NDI HX2/HX3 | Encoding & Decoding | USB Camera Source to NDI Conversion



NDI
NDI HX
NDI HX3

N6/N5 is a bi-directional NDI converter supporting HDMI/3G-SDI (with loop-through), and USB video inputs. Compatible with NDI High Bandwidth and NDI HX2/HX3, it is capable of processing all NDI sources from any camera, software or device.

The N6/N5 integrates PoE, intuitive LCD and tally displays, PTZ and audio controls, on-screen overlays, intercom, and centralized management, delivering professional low-latency, high-quality video in the most cost-effective way.

N6: HD HDMI I/O

N5: 3G-SDI I/O

Integrated Encoding & Decoding with All NDI Formats

The N6/N5 supports NDI HB and HX2/HX3 with HDMI/SDI input, loop-through, and decoding output up to 1080p60. It can encode sources to NDI HB and HX2/HX3 simultaneously, or decode any NDI stream for direct HDMI/SDI output and monitoring.



Direct USB Input to NDI

The N6/N5 converts USB video sources (webcams/UVC cameras) directly into NDI streams up to 1080p60–no capture cards or complex setup required.



Clear Status Display & Tally Indicators

The front-panel LCD shows real-time network, mode, and device status with touch buttons for quick adjustments, while the LCD and rear LED both provide clear PGM/PVW Tally indication. Additionally, it also supports external Tally through USB expansion.



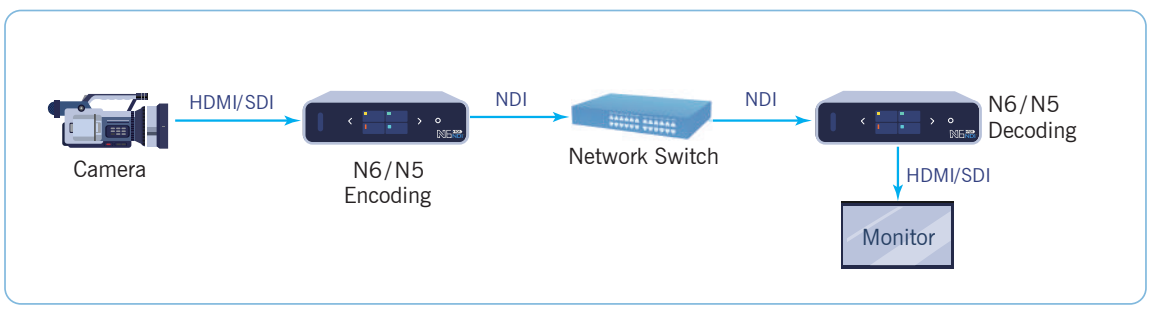
Now With NDI® KVM

A USB keyboard and mouse on the decoder gives you full control of the encoder-side host — keyboard, mouse and video all ride one NDI link, with zero extra cabling and zero software. Handle everything remotely and skip the trips across machine rooms and floors.



Smarter Preview, Powerful OSD Capabilities

The N6/N5 provides real-time preview of up to 10 video sources for quick verification and issue detection. It also supports flexible OSD tools, including VU meters, customizable borders, and full graphics/text overlays, enabling branded outputs while streamlining workflow.



Live Events | Conference | Education | Healthcare

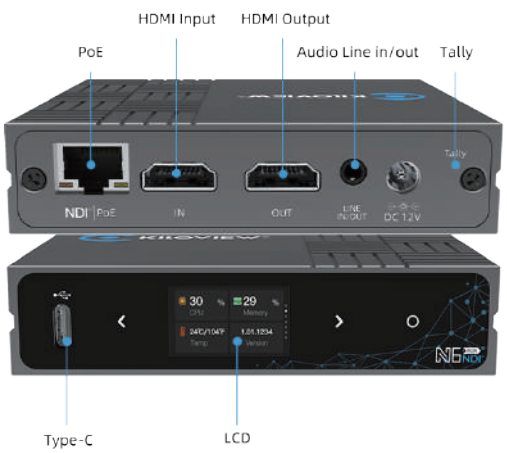
More Features



- KIS Intercom
- Centralized Management
- USB for voice intercom, Tally and PTZ control
- 1.14" LCD for device status & Tally
- 1x1000Mbps Ethernet port (PoE)
- 3.5mm audio line in/out
- Compact size with cold-shoe mounting

Appearance





N5/N6 Tech Specs

Model	N5/N6
Video Resolution	• **Input support:** 1920*1080p 60/59.94/50/30/29.97/25/24/23.98fps 1920*1080i 60/59.94/50fps 1280*720p 60/59.94/50/30/29.97/25/24/23.98fps • **Output support:** 1920*1080p 60/59.94/50/30/29.97/25/24/23.98fps 1920*1080i 60/59.94/50fps 1280*720p 60/59.94/50/30/29.97/25/24/23.98fps
Video Interface	**N6:** 1 × 1080p60 HDMI input 1 × 1080p60 HDMI output for decoding/loop-out for encoding 1 × USB Type-C **N5:** 1 × 3G-SDI, input 1 × 3G-SDI, output for decoding/loop-out for encoding 1 × USB Type-C
Video Encoding & Decoding	SpeedHQ (NDI), H.264 (AVC), H.265 (HEVC)
Audio	3.5mm Line In/Out
Audio Encoding & Decoding	NDI Audio, AAC-LC, more audio formats and channels available through custom development
Audio Channels	**Encoding:** 2 channels **Decoding:** 2 channels
Physical Controls	1.14" LCD with touch buttons
Streaming Protocols	NDI High Bandwidth/NDI HX2/NDI HX3
Network Port	1 × 1000Mbps Ethernet port (support PoE)
Tally	Front LCD, Rear LED, External Tally
USB Port	1 × USB 3.0 Type-C (USB web cam supported)
PTZ Control	USB-to-serial (RS-232/RS-485/RS-422) and network protocols (Sony Visca, Pelco-D/P) for external PTZ control
Management	Web UI, HTTP/HTTPS APIs, or KiloLink Server Pro
Power	DC 12V -18V (5.5 / 2.5) or PoE, Max 6W
Dimensions & Weight	**N6:** 100*95*23mm 280g **N5:** 100*111.7*23mm 320g
Operating Temperature	20℃~45℃ / –4℉~113℉

Please scan with browser.

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