



Professional & Affordable Wireless NDI|HX Encoder

N1/N2 NDI wireless video encoder is a professional video encoding device for NDI video production. It can encode SDI/HDMI video source into NDI|HX, through Ethernet or WiFi. The network is used for video transmission for any compatible system, equipment or software in the network, and it also supports the SRT/RTMP transmission protocol. N1 supports SDI input while N2 supports HDMI input.

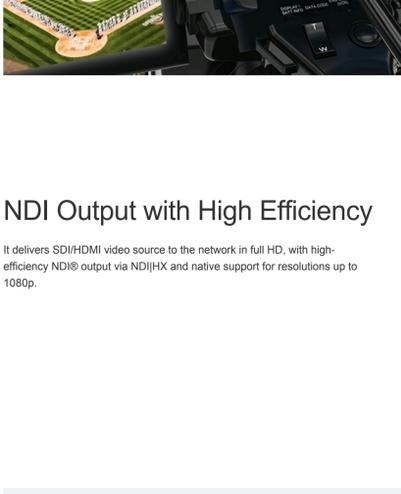
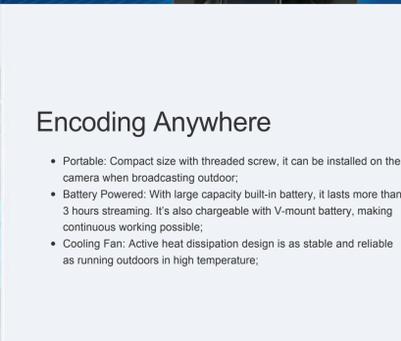


The NDI protocol is a high-performance standard that enables anyone to use real-time, ultra-low-latency video on existing IP video networks.

Easily designate Kiloview NDI encoders as the video input source in popular desktop video applications like Google Hangouts, GoToMeeting, Skype, Skype for Business, WebEx, Zoom, Teams and more using the free NDI® webcam input tool.

Stable Wireless Connection

Kiloview N1/N2 contains a built-in 5GHz enhanced WiFi Module which achieves more stable wireless transmission. It also supports 4G-Lte USB dongle for mobile application.

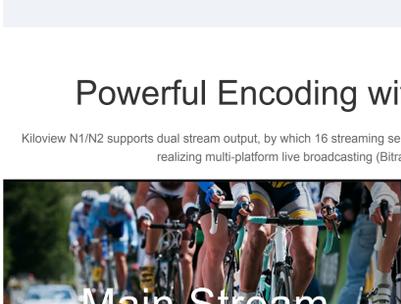
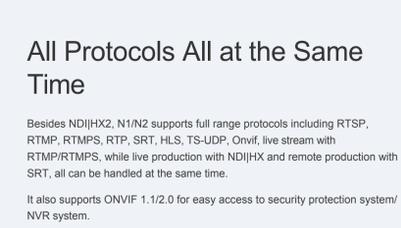


Encoding Anywhere

- **Portable:** Compact size with threaded screw, it can be installed on the camera when broadcasting outdoor;
- **Battery Powered:** With large capacity built-in battery, it lasts more than 3 hours streaming. It's also chargeable with V-mount battery, making continuous working possible;
- **Cooling Fan:** Active heat dissipation design is as stable and reliable as running outdoors in high temperature;

NDI Output with High Efficiency

It delivers SDI/HDMI video source to the network in full HD, with high-efficiency NDI® output via NDI|HX and native support for resolutions up to 1080p.



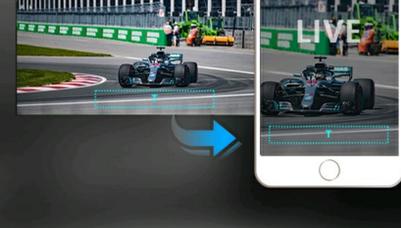
All Protocols All at the Same Time

Besides NDI|HX2, N1/N2 supports full range protocols including RTSP, RTMP, RTMPS, RTP, SRT, HLS, TS-UDP, Onvif, live stream with RTMP/RTMPS, while live production with NDI|HX and remote production with SRT, all can be handled at the same time.

It also supports ONVIF 1.1/2.0 for easy access to security protection system/NVR system.

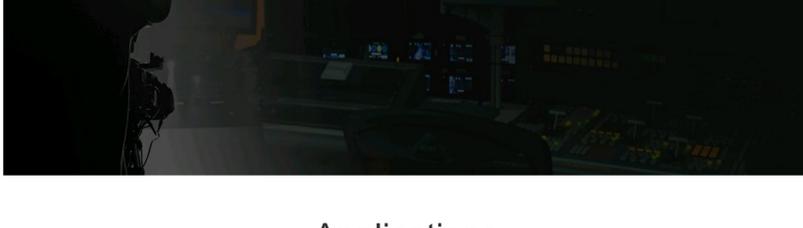
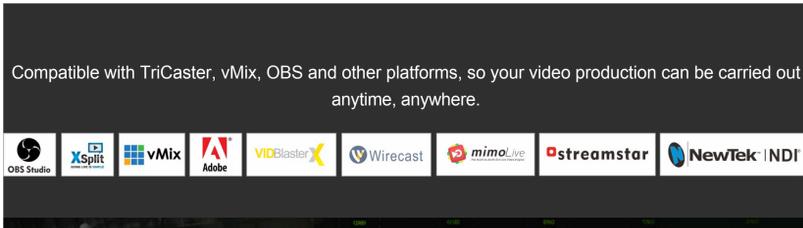
Powerful Encoding with Dual Stream Output

Kiloview N1/N2 supports dual stream output, by which 16 streaming services can be encoded at the same time into main and sub-streams, thus realizing multi-platform live broadcasting (Bitrate ranging from 64kbit/s~40Mbit/s adjustable).



Micro SD/NAS Storage

N1/N2 comes with Micro SD/TF card slot, which supports both local recording and NAS network storage with continuous recording files in the format of .ts, .mp4, .mov, .mkv, avi.



Real-time Intercom

Both embedded and analog audio encoding are supported. What's more, with Kiloview voice intercom software (optional), it can realize multi-party voice intercom function. [>Learn more](#)

Applications

TV programming, Online courses, Online training, Remote pathology, Conferences, Concerts, and so on.



- Professional Hardware Design
- 1080P60
- IMS Built-in
- USB Tally
- Vertical Live Streaming
- Adjustable Bitrate
- SDK/API Available
- 7*24h Running

Parameters

Model	N1: SDI N2: HDMI
Input	N1:1*SDI N2:1*HDMI
Transmission mode	Enhanced HD/1080P Ethernet by USB expansion
Media protocol	NDI-HX/RTSP/RTMP/SRT/HLS/TS over UDP
Video resolution	Up to 1080P60Hz: 1080p23.98/24/25/29.97/30 1080p50/59.94/60 1080i50/59.94/60 720p23.98/24/25/29.97/30 720p50/59.94/60
Video encoding	H264/AVC, Motion-JPEG
Audio encoding	AAC/G.711
Latency	Using NDI protocol for end-to-end latency by Ethernet is about 150ms
Graphic overlay	Support custom text, image overlay function, and superimposed to any position on the screen
Management	APP/Web
Audio Intercom	Supported (KV Apps Required)
Recording	Micro SD/TF card slot, local recording, NAS network storage
Hot shoe	Removable
Battery	Detachable
Battery capacity	3.7V 6800mAh (29.6Wh)
Power supply	DC 12V 1A
Power Consumption	6.5w
Operating temperature	-20°C~45°C
Dimension	115*75*35mm (4.52*2.95*1.38")
Weight	380g (13.4oz)
Downloads	Docs & Firmware

Related Products

<p>U40 4K NDI Encoder 4KP60 HDMI to Full NDI Encoder</p> <p>Go</p>	<p>N40 NDI Converter 4KP60 HDMI to Full NDI Codec</p> <p>Go</p>	<p>N30 NDI Converter 12G-SDI to FULL NDI Codec</p> <p>Go</p>	<p>N3 NDI Converter 3G-SDI to FULL NDI Codec Go</p> <p>Go</p>
<p>N4 NDI Converter 1080p60 HDMI to NDI Codec</p> <p>Go</p>	<p>N1/N2 Wireless Encoder SDI/HDMI Input, SRT Supported</p> <p>Go</p>	<p>E1/E2 NDI HX Encoder SDI/HDMI Input/Loop, SRT Supported</p> <p>Go</p>	<p>N6 NDI Converter 1080p60 HDMI to NDI Codec</p> <p>Go</p>

Quick Comparison of our NDI Products

Product Type	Product No.	Input Interface	Data Transfer	Resolution	Remark(s)
FULL NDI Codec	N30	12G-SDI	Ethernet	4KP60	12G-SDI Input & Loop Supported
	N40	4K HDMI	Ethernet	4KP60	
	N3	3G-SDI	Ethernet	1080P60	
	N4	HDMI	Ethernet	1080P60	
	N6	HDMI	Ethernet	1080P60	
NDI HX Wireless Encoder	N1	3G-SDI	WiFi/Ethernet	1080P60	
	N2	3G-SDI	WiFi/Ethernet	1080P60	
NDI HX Wired Encoder	E1	HDMI	Ethernet	1080P60	
	E2	HDMI	Ethernet	1080P60	
NDI HX Decoder	D300	SDI+HDMI	Ethernet	4KP60	9 Channels of Video Simultaneous Decoding and Split-screen display Supported

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<p>Kiloview Electronics Co.,Ltd.</p> <p>+86-731-8252-5732 +86-155-7666-2098 info@kiloview.com info@kiloview.com 84-100/109, Jiahua Intelligence Valley Industrial Park, 877 Huijin Road, Yuhua District, Changsha, China</p>	<p>Products</p> <p>NDI Series Video Encoder Video Converter Media Gateway Accessories</p>	<p>Solutions</p> <p>NDI Solutions TV Broadcast Live Events Healthcare Education Conferences Typical Cases</p>	<p>Support</p> <p>Documentations Downloads Where to Buy</p>	<p>Resources</p> <p>Demo Request Customization</p>	<p>About</p> <p>News Contact Privacy Terms</p> <p></p>
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