

## OIP-N40E

### Video to IP/ NDI HX HD Encoder



The OIP-N40E encodes HDMI video to NDI HX and IP formats at very low latency. With support for RTMP(S) and SRT encoding, the device can transmit directly to video streaming platforms. The device enables users to send and receive USB (UVC/UAC) and DisplayPort signals over IP networks.

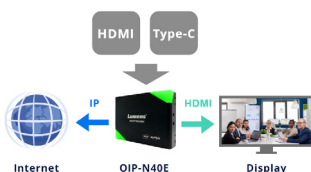
### Key Features

- Support RTSP, RTMP, SRT, NDI HX3, NDI HX2, HLS, MPEG-TS
- Delivers pristine 1080P video quality with ultra-low latency
- Long-distance HDMI, USB and DisplayPort transmission
- Supports PoE and USB power for easy installation
- Dual Tally lights (360°)



### NDI HX3 Low Latency, High Quality Video Distribution

With NDI HX, video is transmitted over local area networks. Sources can be ingested into live production, AV and streaming platforms.



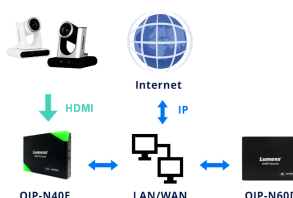
### Encode HDMI to IP

Encoding HDMI sources to IP allows the use of affordable and centrally managed network switches and long-distance cabling. IP video can be securely streamed locally and globally.



### USB and DisplayPort Conversion

OIP-N40E's USB port can convert USB (UVC/UAC) and DP signals for transmission over IP. It supports USB output (webcam extension) when used with OIP-N60D.



### Camera Converter

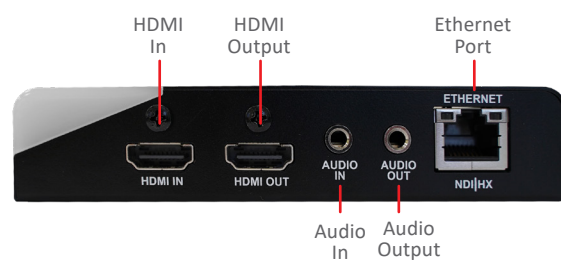
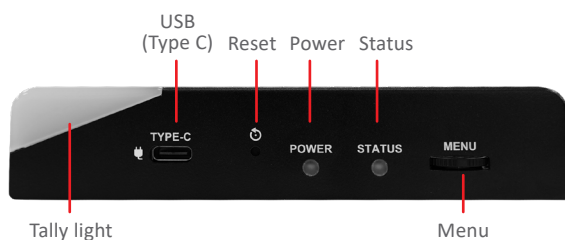
OIP-N40E converts any HDMI camera into an IP device. Locally, a tally light indicates that the camera is live, while the IP signal is transmitted to decoders, computers or streaming platforms. OIP-N40E features a pass thru HDMI output.

# Product Specifications



Interface	
HDMI Input	HDMI x1
HDMI Output	HDMI x1
USB Input/Output	Type-C x1 (Support DP Alt-Mode)
Audio Input	Line In/MIC In, 3.5mm x1
Audio Output	Line Out, 3.5mm x1
Ethernet	GbE LAN (RJ-45) x1
Menu Button	Yes
Tally Light	Yes
Reset Pin	Yes
LED Indicator	Power light Status Connection light
Network	
Video resolution	Up to 1080p60
IP Protocol	SRT / RTMP / RTMPS / HLS / MPEG-TS over UDP / RTSP / NDI HX2 / NDI HX3
Video encoding	H.264 / HEVC
Video Encrypt	AES 256
Audio encoding	Yes
IEEE 802.1X	Yes
PoE	PoE (IEEE802.3af)
Functions	
Management	OSD / Web
USB Webcam Extension	Yes
UVC	Yes
UAC	Yes
General	
Power	PoE / USB
Power consumption	PoE : 6 W USB : 5 W
Operating Temperature	0°C ~ 40°C
Operating Humidity	20~80%, non-condensing
Storage Temperature	-20°C ~ 60°C
Weight	0.77lbs (350g)
Dimensions (W×H×D)	Case Only: 4.92" x 3.5" x 0.98" (125 x 89 x 25 mm)

## I/O Connections



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