

# Lumens®

Dante Ready™



NDI HX3

Compatible with  
BOSCH

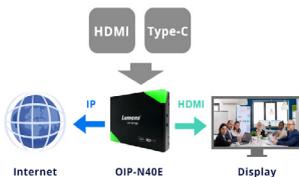


## OIP-N40E Video to IP/ NDI HX3 HD OIP Bridge

The OIP-N40E encodes HDMI video, USB-C and DisplayPort signals to NDI HX and IP formats at very low latency. The device is Dante ready, enabling seamless integration with Dante audio and Dante AV-H video networks.

### Key Features

- Supports RTSP, NDI HX3, NDI HX2
- Dante Ready
- Low latency HDMI, USB and DisplayPort HD transmission
- Supports PoE and USB power for easy installation
- Dual Tally lights (360°)



### 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.



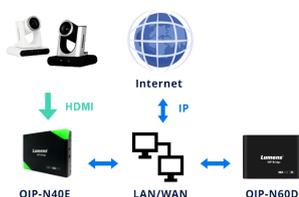
### Dante Ready

Utilizing the Dante Controller app, users can add a Dante license to the OIP-N40E. This enables it to encode video to Dante AV-H and transmit Dante audio signals bi-directionally.



### 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.



### 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 through HDMI output.

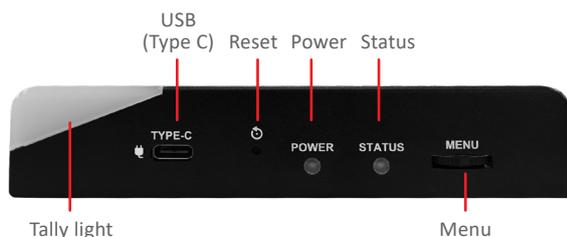
# Product Specifications



Interface	
HDMI Input	HDMI x 1
HDMI Output	HDMI x 1
USB Input/Output	Type-C x 1 (Support DP Alt-Mode)
Audio Input	Line In / MIC In, 3.5 mm x 1
Audio Output	Line Out 1, 3.5 mm x 1
Ethernet	GbE LAN (RJ-45) x 1
Menu Button	Yes
Tally Light	Yes
Reset Pin	Yes
LED Indicator	Power light Status Connection light
Network	
Video resolution	Up to 1080p60
IP Protocol	RTSP / NDI HX2 / NDI HX3 / Dante Ready
Video encoding	H.264 / HEVC (H.265)
Audio encoding	Yes
IEEE 802.1X	Yes
HTTP Authentication	Digest / Basic / Off
PoE	PoE (IEEE802.3af)
Functions	
Management	OSD / Web
USB Webcam Extension	Yes
IP Stream to USB webcam	Yes
UAC to Dante Audio	Yes
Dante Audio to 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 : 125 x 89 x 25 mm

\* The USB-C cable needs to support USB 3.1 Gen 2 (10Gbps)

## I/O Connections



# Lumens®

Lumens Integration, Inc.  
4116 Clipper Court  
Fremont, CA, 94538  
Phone: +1-866-600-0988  
Fax: +1-510-252-1389

Lumens Europe  
De Nayerstraat 17 9470  
Denderleeuw Belgium  
Phone : +32-473-58-38-95  
Fax : +32-2-452-76-00



www.MyLumens.com