Lumens®

NDI CERTIFIED

NDI HX3

Compatible with
BOSCH

Compatible with
ClickShare Conference
BARCO

OIP-N60D

AV over IP and NDI HX 4K OIP Bridge

NDI	(((•)))	SWITCH	PoE
NDI HX3	STREAM	SWITCH	PoE

OIP-N60D is a low latency 4K video over IP OIP Bridge The device can receive IP streams from a number of sources including OIP Bridges, IP cameras and playout servers. OIP-N60D supports multiple streaming standards including NDI HX3. Users can select and switch between IP sources using the web UI, and output video via HDMI and USB.

Key Features

- Supports RTSP, NDI HX3, NDI HX2
- Delivers high video quality with ultra-low latency
- Long-distance 4K IP-based AV transmission
- USB Extension over IP
- Instant source switching

NDI HX3 & IP Decoding

4K and HD NDI HX3 and IP video streams can be decoded in high quality to HDMI with minimal latency.

IP Video to USB Conversion

OIP-N60D decodes IP video streams from NDI HX and RTSP to UVC/UAC-compliant USB for use with video conferencing platforms. The device also supports NDI Virtual USB output.

USB Webcam Extension

OIP-N60D transmits webcams over your IP network for quick and easy AV integration. The signal is decoded by the OIP-N40E for output to USB.

Video Wall Deployment

Video Wall Deployment

The OIP-N60D OIP Bridge is an ideal building block for video walls, supporting monitors mounted in landscape or portrait mode. Combine multiple OIP Bridges and screens to build the wall configuration you need.
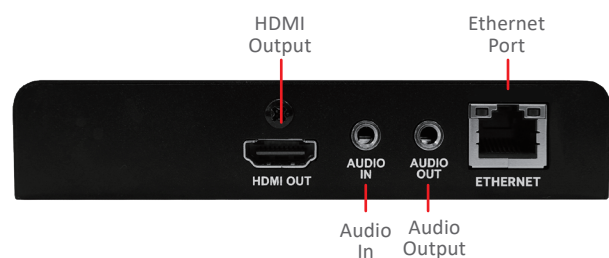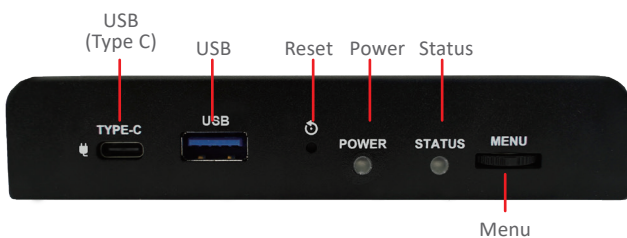
*This feature can be implemented through future firmware updates.

Product Specifications

Interface	
HDMI Output	HDMI 2.0 x1
USB Device	Type-C x1
USB Host	Type-A x1 (Support USB webcam)
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
Reset Pin	Yes
LED Indicator	Power light Status Connection light
Network	
Decoding capability	Up to 2160p60
IP Protocol	NDI HX3 / NDI HX2 / RTSP
Video Decoding	H.264 / HEVC(H.265)
Audio Decoding	Yes
PoE	PoE (IEEE802.3af)
Functions	
Management	OSD / Web
USB Webcam Extension	Yes
IP Stream to USB webcam	Yes
UVC	Yes
UAC	Yes
General	
Power	PoE / USB
Power consumption	PoE : 11 W USB : 10 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

USB (Type C) — TYPE-C
USB — USB
Reset
Power — POWER
Status — STATUS
MENU — Menu

HDMI Output — HDMI OUT
Audio In — AUDIO IN
Audio Output — AUDIO OUT
Ethernet Port — ETHERNET