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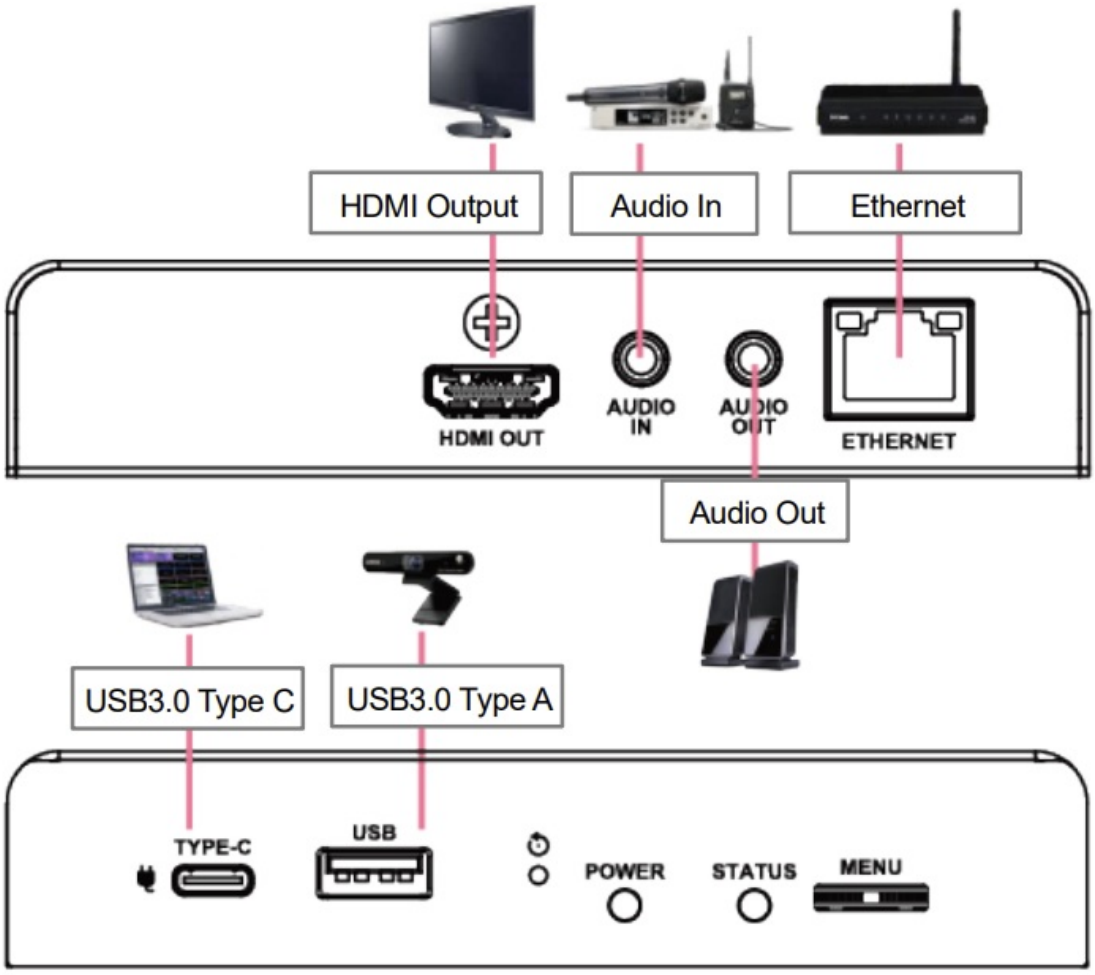
Lumens OIP-N60D-OIP-N60D AV over IP and NDI HX 4K Decoder

Specifications

- **Product Name:** OIP-N60D
- **Supported Features:** Dante AV-H
- **Connectivity:** HDMI Output, Audio In, Ethernet, Audio Out, USB3.0 Type C, USB3.0 Type A
- **Power Options:** Supports PoE (IEEE 802.3af) network switches or USB-C power supply

Product connection



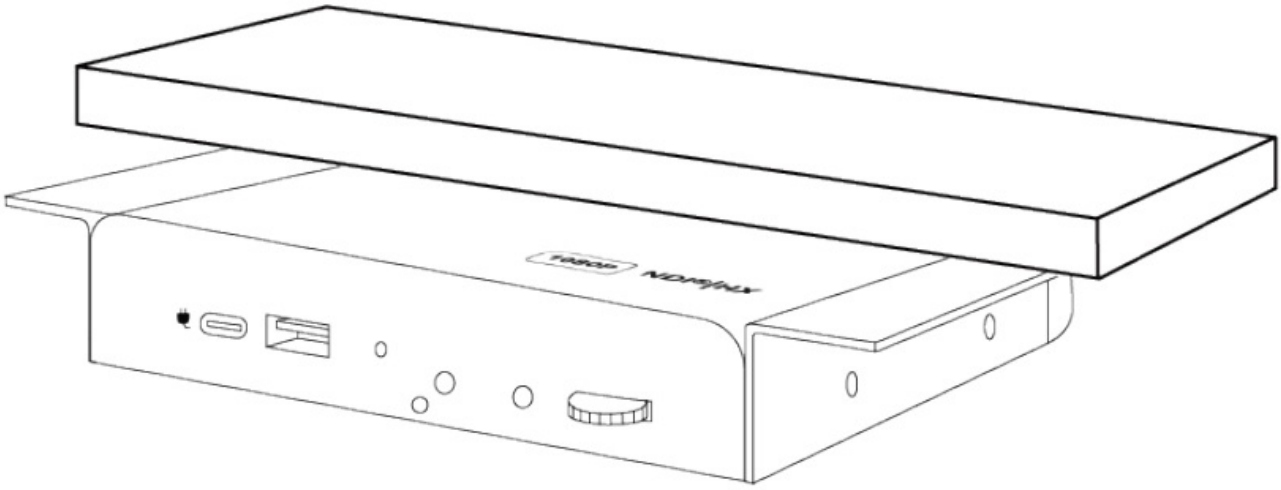
OIP-N60D supports PoE (IEEE 802.3af) network switches or USB-C power supply

Instructions for Installation

Using the accessory metal plates

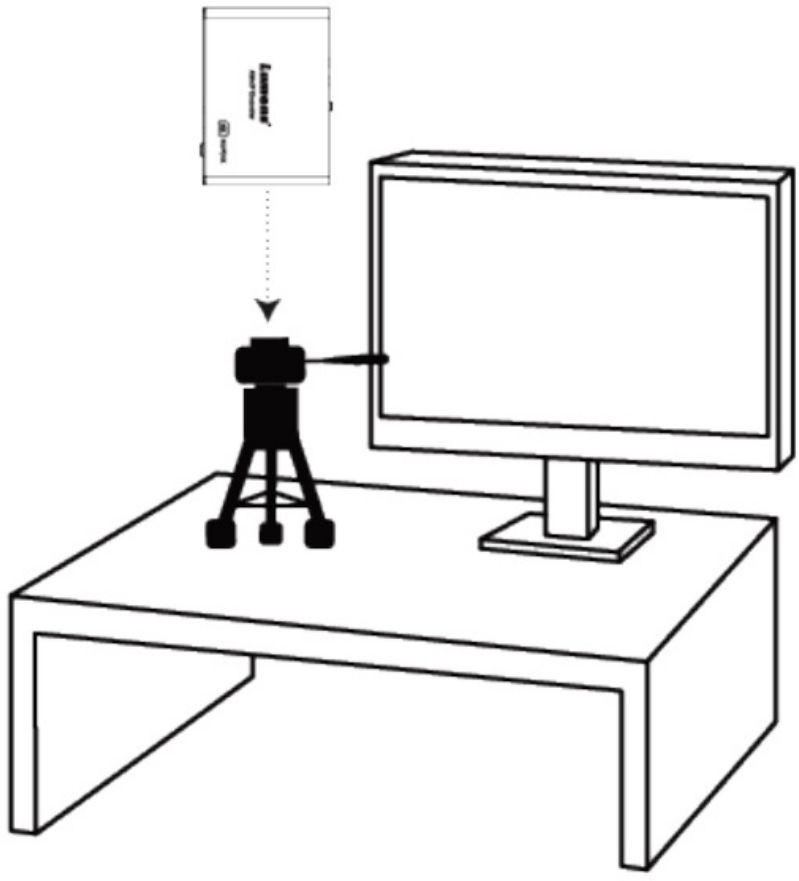
1. Lock the accessory metal plate with screws (M3 x 4) to the lock holes on both sides of the OIP-N60D

2. Install the metal plate and OIP-N60D under the table according to the spatial area



Use tripod

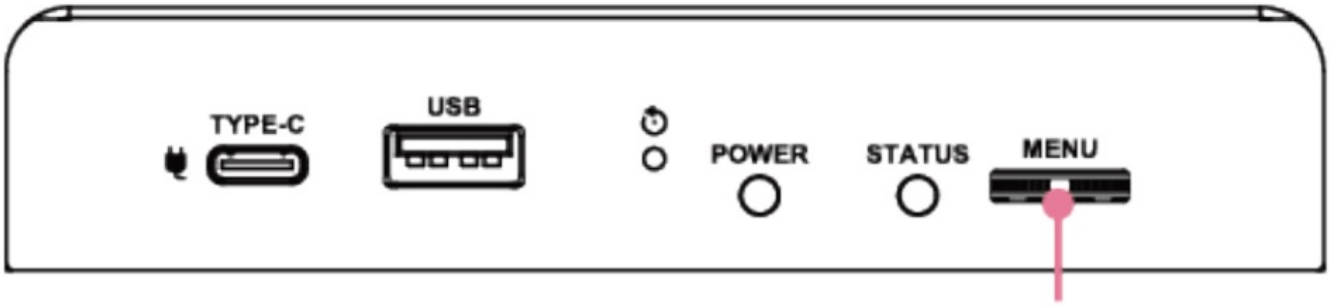
The camera can be mounted on a 1/4”-20 UNC PTZ tripod deck by using the lock holes on the side for the tripod of OIP-N60D



Operation Methods

Operate through the body button

Connect the HDMI OUT to the display, press the Menu dial to enter the OSD menu. Through the Menu dial to navigate the menu and adjust the parameters.

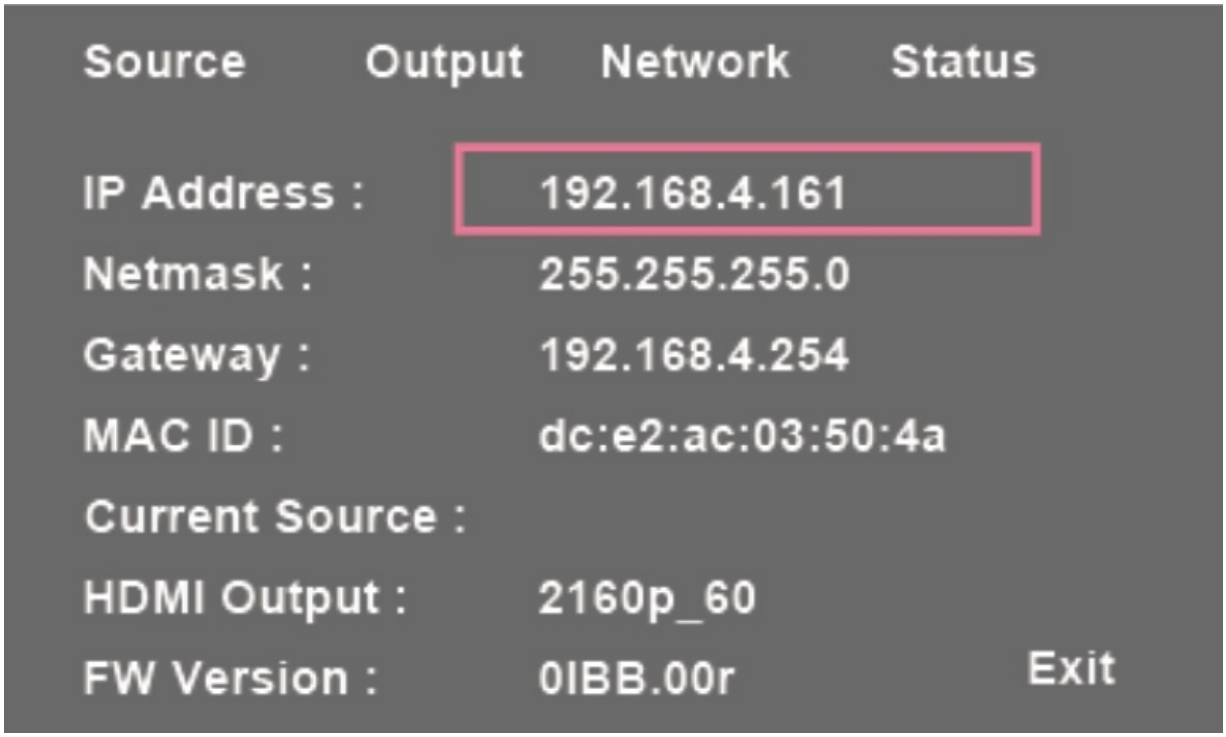


- **Left/Right rotation:** Adjust parameters and navigate the menu
- **Press:** Perform “confirm” action

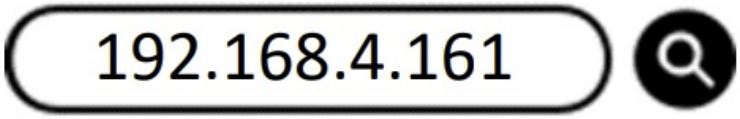
Operate via webpages

1. **Confirm the IP address**

   Refer to Operate through the body button, confirm the IP address in Status (If the OIP-N60D is directly connected to the computer, the default IP is 192.168.100.200. Please manually set the computer’s IP address in the same network segment.)



2. Open the browser and input the IP address, e.g. 192.168.4.161, to access the login interface.



3. Please enter the account/password to log in

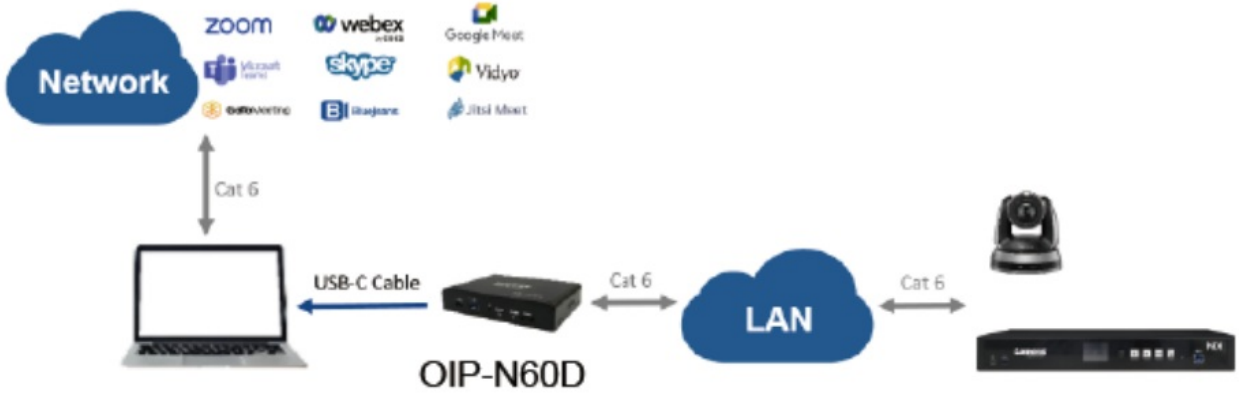
Account : admin

Password : 9999

Virtual USB Network Camera

OIP-N60D can convert IP signal source into USB (UVC) for seamless integration with video conferencing platforms.

1. **Connection Method**
   - Connect the OIP-N60D to LAN
   - Connect the computer to the OIP-N60D using USB-C cable



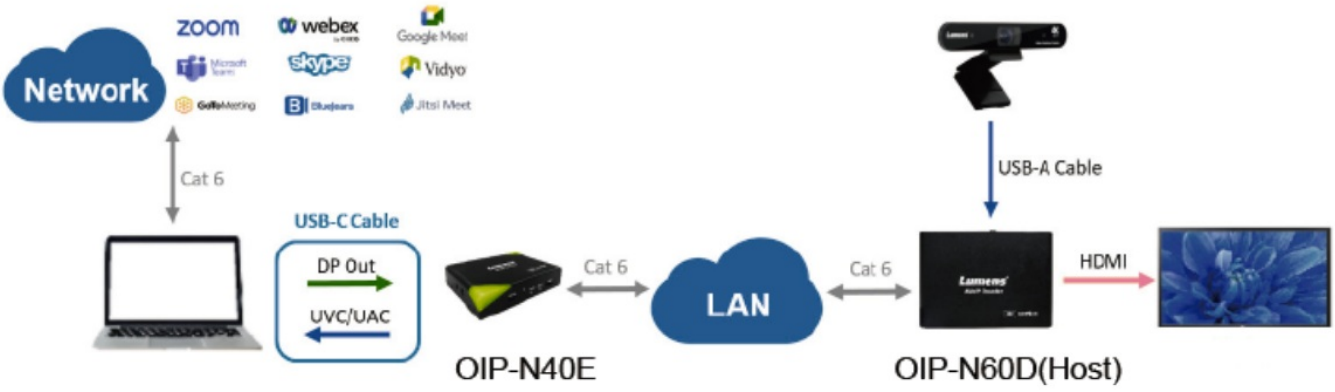
   - **Note:**
     The computer connects to the OIP-N60D via USB-C and uses the RTSP/NDI source as USB network camera
2. **Webpage Settings**
   - [System] > [Output], open [Virtual USB Setting]
   - [Source] > [Search new Source] > Select the desired output device > Click [Play] to output device signal source
3. **USB Camera Screen Output**
   - Launch a video software like Skype, Zoom, Microsoft Teams, or other similar software
   - Choose the video source, to output USB network camera images
   - Video Source Name: Lumens OIP-N60D / Lumens OIP-N60D, Dante AV-H

USB Network Camera Extension (OIP-N40E Required)

When used with the OIP Bridge, it can extend the range of USB network cameras through the network to improve installation flexibility.

Connection Method

- Connect the OIP Bridge to the local network
- Connect the USB camera to the OIP-N60D using USB-A cable
- Connect the monitor to the OIP-N60D using HDMI cable
- Connect the computer to the OIP-N40E using USB-C cable



Note:

- Computers can use USB-C to connect to OIP-N40E and use USB network camera
- Computers can project images onto a TV through a USB-C connection to OIP-N40E

OIP-N60D Webpage Settings

[System] > [Output], open [USB Extender]

OIP-N40E Webpage Settings

- [System] > [Output] > [Extender Source List]
- [Search new Source] > Click [Available] to select OIP-N60D > Connection displays [Connected]

USB Camera Screen Output

- Launch a video software like Skype, Zoom or Microsoft Teams, or other similar

software

- Choose the video source, to output USB camera images

Video Source Name: Select according to the USB Camera

For questions about the installation, please scan the QR Code.

A support person will be assigned to assist you.

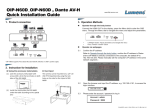
FAQ

1. What video resolutions and formats does the OIP-N60D decoder support?
The Lumens OIP-N60D supports up to 4K UHD resolution at 60Hz (4:4:4), ensuring high-quality video decoding. It's compatible with HDMI 2.0 and HDCP 2.2 standards, making it suitable for professional AV applications.

2. Can the OIP-N60D decode NDI HX streams?
Yes, the OIP-N60D is compatible with **NDI HX**, allowing it to decode high-efficiency network video streams. This feature is ideal for broadcast environments, live events, and IP-based video workflows.

3. How is the OIP-N60D managed and configured?
The decoder can be managed through **Lumens' control software**, a **web-based user interface**, or **third-party control systems**. It supports Power over Ethernet (PoE), simplifying installation by reducing the need for separate power cables.

Documents / Resources

	Lumens OIP-N60D-OIP-N60D AV over IP and NDI HX 4K Decoder [pdf] Installation Guide OIP-N60D-OIP-N60D, OIP-N60D-OIP-N60D, AV over IP and NDI HX 4K Decoder, IP and NDI HX 4K Decoder, NDI HX 4K Decoder, HX 4K Decoder, 4K Decoder

References

- User Manual

Lumens

4K Decoder, AV Over IP and NDI HX 4K Decoder, HX 4K Decoder, IP and NDI HX 4K Decoder, Lumens, NDI HX 4K Decoder, OIP-N60D-OIP-N60D

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