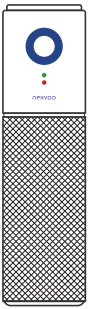
NexPod

AI USB Conference Camera

User Manual
(Model: N109)

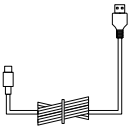
Package Contents

1



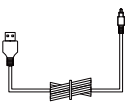
NexPod AI USB
Conference Camera

2



USB Cable
(1.8m/5.9ft)

3



USB Power Cable

4

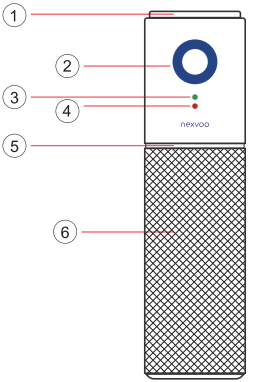
User Manual

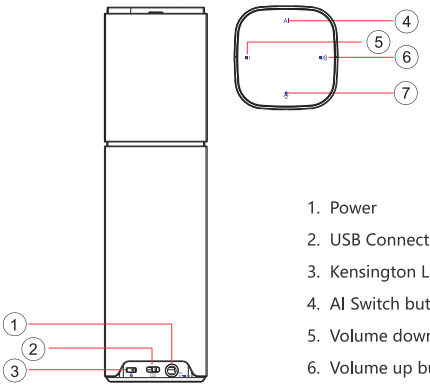
Features

1. 110° field of view Camera to capture all meeting participants crystal clearly.
2. 1080p 30fps Full HD video call.
3. 2-Element beamforming microphone arrays, your voice can be heard clearly every time.
4. Uninterrupted full-duplex two-way communication, AI noise-suppression, echo-cancellation, competent under various acoustic environments.
5. AI auto framing and AI speaker tracking.
6. Adjustable camera vertical angle.
7. Sleek, easy to carry, USB plug-and-play connectivity.
8. Works with most video conference applications.

Know your product

1. Microphones
2. Camera, 1080p and 110°FOV
3. Camera LED
4. Power LED
5. Status indicator
6. Speaker

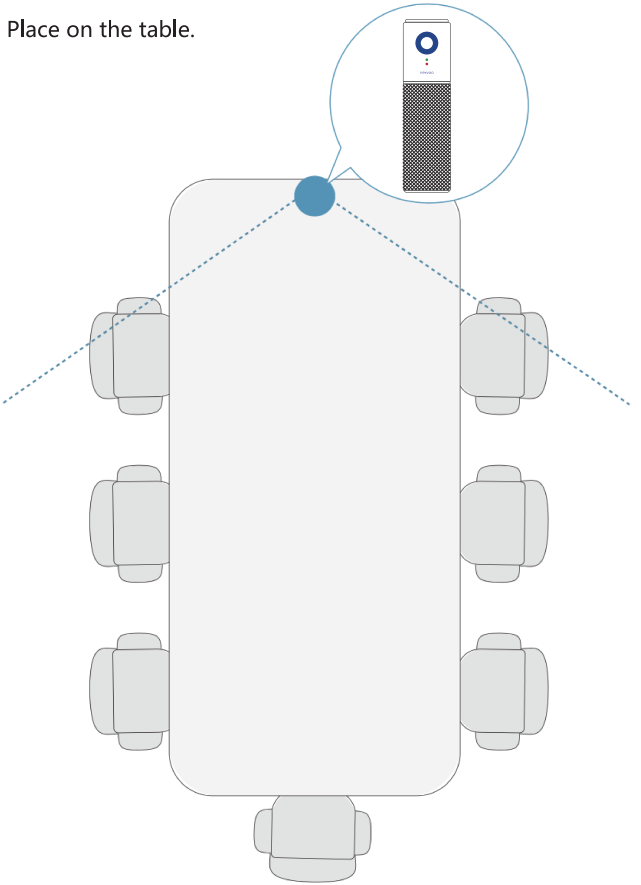




1. Power
2. USB Connector
3. Kensington Lock
4. AI Switch button
5. Volume down button
6. Volume up button
7. Microphone Mute button

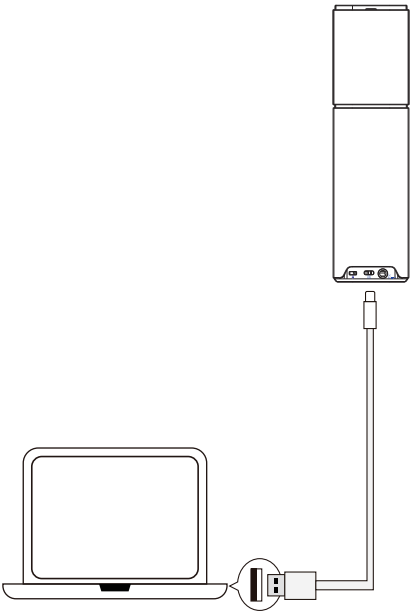
Installation

Place on the table.



Connecting

Connect NexPod to your computer via the included USB-C cable.



Use your product

1. Video

- Starting the video: The video is controlled by the application and will start once the camera is selected and the video is started in the application. Camera LED will turn on when the video is streaming.

2. Audio

- Volume: Volume Up and Down adjusts volume.
- Mute: Mute microphone with Mute button.

3. Advanced AI Technologies

- Advanced AI technologies includes Auto Framing and Voice Tracking functions. The Auto Framing is based on participants' face detection, realizing real-time detection and position tracking of everyone in the meeting, and can automatically adjust the camera according to the number of participants and changes in position, so that the screen covers all participants and their position. Besides, based on the Auto Framing function, the device adds a speaker tracking function. In a meeting, the camera lens can be individually focused on the speaker, giving the speaker the best close-up shot of a single person. You can turn off or turn on by AI switch button through Remote Control.

Button Instructions

	Touch the button to increase speaker volume
	Touch the button to decrease speaker volume
	Touch the button to mute or unmute the microphones
AI	Touch the button and hold for 3 seconds to turn AI mode on or off

Light Indicator

1. Camera LED

	Camera on
	Camera off

2. Power LED

	When the device is turned on
	The microphones are on mute

3. Ring LEDs

	The device is turned on
	The device is in standby mode
	The microphones are on mute

* The actual color of LED indicator may be slightly different and shall prevail.

Web Management

You can configure the Nexvoo NexPod USB video device on the Web management.

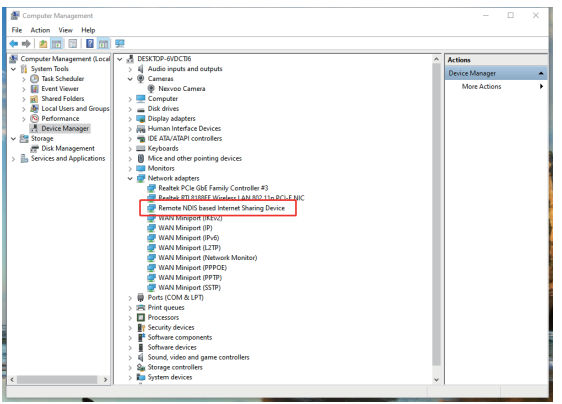
You can configure the following settings on the Web management.

- View device information
- Camera Tracking
- System update & reset
- Change password
- Restore default settings

Note: Web management only supports Windows system.

Network configuration

1. After NexPod is connected to the power supply, it will automatically turn on, and connect NexPod to your computer via USB. The computer will automatically install NexPod USB Audio, USB Camera and Remote NDIS drivers, then open the computer device manager to view the installed USB devices.
   (Set Windows 10 system as example)

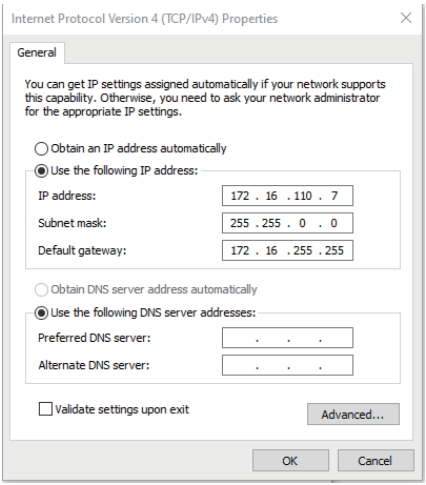


2. Select [Computer's **Control Panel - Network and Internet - View Network Status and Tasks – Change Adapter Settings**], you can see the Ethernet with the device name "Remote NDIS based Internet Sharing Device", right-click the Ethernet, select "Properties", and open [**Network-Internet Protocol Version 4(TCP/ IPv4)**], then manually configure the IP address.

• IP address: 172.16.110.7

• subnet mask: 255.255.0.0

• Default gateway: 172.16.255.255



Click OK to save configuration.

Login Web management

1. Start the browser, enter **http://172.16.110.6** to open the login interface of the NexPod Web management platform.
2. Enter the username and password, click "Sign in" to login to the web management platform. (Default username: **Admin**, Password: **123456**)

Note: Some browsers may not be fully compatible. It is recommended to use Chrome/Firefox/Microsoft Edge browser etc.

View device information

You can view the basic information for your NexPod USB device through Web Management platform.

Procedure

1. Login to the web management platform through a browser.
2. In the Dashboard section, view the basic information for your NexPod USB device.

Camera tracking

You can set the AI technology of the device in the Camera Tracking menu through the web management platform.

Procedure

1. Login to the web management platform through a browser.
2. Go to General Settings – Camera Tracking.
3. Control the NexPod USB device through the following functions:

Features	Description
AI Technology	The default is on. After the AI technology is turned on, the device will enable Auto Framing and Speaker Tracking functions.
Tracking Speed	Tracking speed setting refers to how long the speaker continues to speak, the screen will automatically track the speaker and focus on the speaker. You can set Fast / Normal / Slow , the default is Fast.
Return to the Panorama Screen regularly during Tracking	The default is on. After this function is turned on, the system will return to the panoramic screen regularly according to the time set in the “Return Time” item. If it is turned off, the screen will not be returned to the panoramic screen regularly during tracking, it will continue to focus on the speaker until it is no longer speaking.
Return Time	Return time refers to when the screen is tracked and focused on the speaker, how long the speaker has not spoken or keeps speaking will automatically return to the panoramic screen. you can set 15s / 30s / 45s / 60s, the default is 30 seconds.

Update the NexPod USB Device

You can update the firmware of the NexPod USB device through Web Management platform.

Procedure

1. Login to the web management platform through a browser.
2. Go to System Settings – System Update.

Click or drag the firmware file with the format of **.img** to the firmware import area, then click "Update" button to start the system update.

Note: Make sure your computer doesn’t enter sleep mode during the system update. Otherwise, the update may fail.

Change your password

Nexvoo recommends that you change your device's password from the default for security reasons.

Procedure

1. Login to the web management platform through a browser.
2. Go to System Settings – Change Password.
3. Enter your Current Password.
4. Enter a new password in New Password and Confirm Password fields.
5. Click Save.

Restore default settings

You can erase all configuration and restore the NexPod USB video device default s etting through Web Management platform.

The default settings to be cleared include but are not limited to:

• Password
• Camera Tracking
• Audio settings

Procedure

1. Open the login interface of the Web management platform.
2. Click Restore Default Settings.
3. Enter the correct SN number of the device.
4. Click OK to restore default settings.

Notes & Warnings

Please read and follow all the safety instructions carefully.

1. Use the included USB cable to connect the device, the use of unapproved third-party USB cable may damage your device.
2. Unauthorized dismantlement and strong impact may damage the device.
3. Keep the device away from high-temperature environments, heat sources, strong magnetic, or electric fields.
4. Do not immerse the device in water or any other liquid. Store the whole device in dry and cool places.
5. Constant high-volume sounds have a negative impact on human hearing.
6. Dispose the packing materials, the whole device, battery, and other electronic components properly.
7. Do not dismantle, crush, or pitch the battery into fire.
8. The package and this device contain small components that can be dangerous to children. Please keep the device out of children's reach.
9. The device can be an interference source for other electronic devices and medical equipment.

Troubleshooting tips

Please visit www.nexvoo.com for troubleshooting tips, information on software tools and for a diagnostic tool to help troubleshoot any issues you may have with your NexPod.

Product Information

Dimensions

- 275.5 x 76 x 76mm (H x W x D)
  10.85 x 3.0 x 3.0inches (H x W x D)

Weight

- 532g
  1.17lbs / 18.8ounces

Camera Specs

- f/2.6 Aperture
- 1080p Video Output
- 110° FOV
- Auto Framing and Speaker tracking
- Automatic White Balance
- Automatic Exposure

Video Specs

- FHD 1080p@30fps
  HD 720p@30fps

Speaker Specs

- Peak Power: 5W
- Speaker Frequency Response:
  100Hz~16KHz
- Speaker Volume: 90dB@0.5m

Audio Specs

- 2-element Beamforming Microphone Array
- Frequency Response: 20Hz~15KHz

System Requirements

- Windows 7, Windows 8 or Windows 10
- Mac OS X® 10.14 or higher
- Chrome OS™
- Android™ 6.0 or higher

General Specs

- 6-feet detachable USB cable for PC or Mac-based video conferencing
- Works with most video conferencing applications
- Kensington Security Slot

Connector

- USB Type-C (USB2.0)

Power Input

- 5V ⎓ 500mA
- USB

*The specifications above are subject to changes without notice.

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