AI 4K Video Conference Device

FEATURE SPOTLIGHT

• Innovatively equipped with a dual-camera system, the meeting room personnel can be seen through The super-wide 120° field of view lens, and the telephoto camera can also zoom in to view details in a larger meeting room. At the same time, it can automatically optimize the brightness of the screen according to the facial information of the participants to ensure that the participants are still clearly visible in the dim or backlight environment.

• Featuring AI technology, including Auto Framing and Speaker Tracking, DoubleView N120U can automatically adjust the screen size according to the number of participants and location changes, present the best view, and can also detect the speaker's position in real time and show close-ups, eliminating manual adjustment Camera operation allows participants to focus more on the content of the meeting. At the same time, through the collaborative work of the dual-camera system, a suitable camera can be selected for image output according to the needs of the screen, providing a better tracking effect.

• Powerful audio pickups and incredible noise reduction technology enable every speech to be heard clearly and protect you from interference.

• Easily connects to PC, Mac® and Chrome™ devices with no additional software required.

• Compatible with virtually any video conferencing application, including the ones you already use.

DoubleView N120U

DoubleView N120U, a new generation of medium-sized meeting room video endpoint, using a combination of 8 million ultra-wide-angle lens and telephoto lens, dual-camera collaboration, taking into account the panoramic view and detail presentation of the meeting room; supports 4K ultra-clear video calls, and integrates face detection and sound source localization. A number of AI technologies such as Speaker tracking allow you to experience real large-scale conference room-level audio and extremely shocking video effects in a medium-sized conference room.

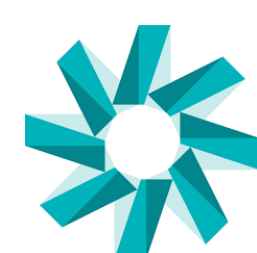|			
GoToMeeting	BlueJeans	Google Meet	Slack
Amazon Chime	Cisco Webex	Microsoft Teams	Zoom

• The most suitable meeting room for 10 people
• The speakers can bring realistic sound, so that everyone can feel full and excellent sound
• Enjoy clear sound quality through our microphone array
• Intelligent noise reduction technology

TECH SPECIFICATIONS

Dual Camera

- Ultra wide-angle camera
  - 8M pixels
  - f/1.8 Aperture
  - 5x digital zoom / EPTZ
  - 120° wide-angle field of view
  - 4K capture resolution
- Telephoto camera
  - 6x hybrid zoom (3x optical, 2x digital)
  - 52° field of view
  - 1080p capture resolution
- Intelligence Feature
  - Auto Framing
  - Speaker Tracking
- Video encoding:
  H.265/H.264/MJPEG/YUV
- Camera indicator

Audio

- Support full-duplex conversations, acoustic echo cancellation and background noise suppression
- Mute / Unmute controls
- Stereo microphone:
  - 8 MEMS microphone array
  - 16.7ft / 6m pickup range
  - 120 Hz–16 kHz frequency response
- Speaker:
  - 100Hz-20KHz Frequency response
  - Output = 90 dB @ 0.5m

Interfaces

- 1x USB2.0 Type-C port
- Power connector
- Bluetooth control key
- Kensington security lock
- Bluetooth 4.2

System Requirements

- Supported operating systems
  - Windows 7, 8.1, 10, 11
  - MacOS® 10.15 or Higher
  - Chrome OS™
  - Android™ 6.0 or Higher
- Supports standard audio and video device drivers
  - UAC 1.0 Audio
  - UVC 1.1/1.5 Video
  - HID 1.11

Application Compatibility

- Compatible with any application that supports standard USB audio and video drivers, including but not limited to:
  - Microsoft Teams / MTR
  - Zoom / Zoom Rooms
  - GoToMeeting / GoToRoom
  - BlueJeans
  - Google Meet
  - Cisco Webex
  - Amazon Chime
  - Slack
- Compatible with Clickshare CX-20/ CX-30/CX-50

Package Contents

- DoubleView N120U
- Remote control with 2 AAA batteries
- Power adapter
- 5m USB2.0 cable (Type-C to Type-A)
- Wall mount kit
- Setup sheet

Size and Weight

- Size (H x W x D):
  78 x 503 x 53 (MM)
  3.07 x 19.8 x 2.09 (Inches)
- Weight:
  3.09 lbs 49.4 oz (1.4 kg)

Remote Control

- Remote control for Camera/ Speaker/Microphone functions
- 33-foot (10m) range remote control

Power Requirements

- 12VDC/2A@100~240VAC, 50/60Hz

Environmental

- Working temperature:
  32-104°F (0-40°C)
- Relative humidity:
  5-95%, noncondensing
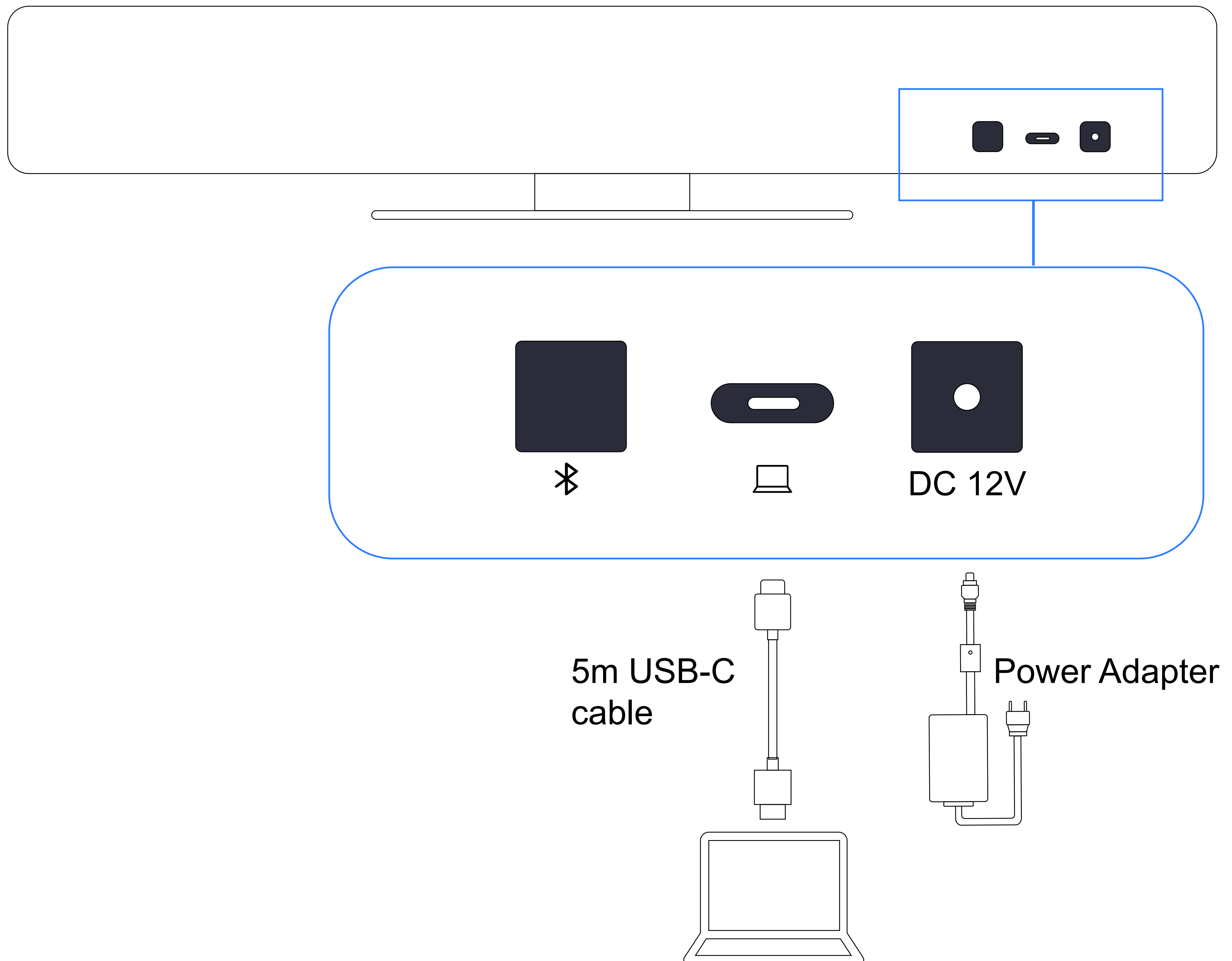- Storage temperature:
  -13-160°F (-25-70°C)

Warranty Information

- 2-year limited hardware

Certifications

CE   FC   RoHS

ISO 9001

Connect DoubleView

5m USB-C cable

Power Adapter

LEARN MORE

For more information on DoubleView N120U visit https://www.nexvoo.com

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