VIDEO CONFERENCING FOR SMALL AND MEDIUM ROOMS

BENEFITS

- Dual camera
- Automatic people framing and speaker tracking
- Android OS, no PC or MAC is required
- Compatible with your favorite video conferencing platforms (Zoom, Skype for Business, Hangouts, Chime, etc)
- Suitable for Room size from 100-300 SQFT.

Nexvoo NexBar N120

With two built-in high-quality professional high-sensitivity cameras, including one wide-angle 120-degree FOV lens and one telephoto lens, and a next generation 8 microphone array that make it possible to see UHD video and pick up clear audio from various angle and distance, the Nexvoo Nexbar N120 provides all meeting participants with studio quality HD audio and UHD video. The embedded automatic people framing and speaker tracking AI technology lets every speaker to be seen clearly with a max distance of 20 feet. This all in one elegant video bar is easy to set up and easy to connect without PC or MAC required, and it also allows you to say goodbye to unnecessary wires with its fast-wireless capability.

- Ideal for rooms of up to 20 participants
- High quality next generation audio far-field pickup and amazing noise blocking technology
- Qualcomm Snapdragon CPU and GPU with high performance and high-level security
- Wi-Fi Support
- Integrated with Native Zoom Room App

Specifications

Operating System
- Android 9.0 OS

Camera
- 2 Sony professional high-sensitivity camera sensors
  - One 120° FOV Wide-angle lens
  - One 58° FOV Telephoto lens
- f/1.8+f/2.2 Aperture
- 5x digital Zoom / EPTZ
- 3X Optical Zoom by switching camera
- UHD 2160p (4K) capture resolution
- Automatic people framing and speaker tracking
- 2 Camera presets

Microphone
- Built-in 8 beamforming microphone array
- 20ft / 6 meters voice pickup distance

Video Standards and Protocols
- H.263, H.263+, H.264 AVC, H.264 High Profile, H.265/HEVC

Video Output
- 1× HDMI output (CEC supported)

Video Resolution
- 4K, 30 fps (TX and RX) from 2048 Kbps
- 1080P, 60 fps from 1740 Kbps
- 1080P, 30 fps from 1024 Kbps
- 720P, 60 fps from 832 Kbps
- 720P, 30 fps from 512 Kbps

Content Video Resolution
- Input
  - UHD (3840×2160)
  - HD (1920×1080p)
  - WSXGA+ (1680×1050)
  - UXGA (1600×1200)
  - SXGA (1280×1024)
  - WXGA (1280×768)
  - HD (1280×720p)
  - XGA (1024×768)
  - SVGA (800×600)
- Output
  - UHD (3840×2160)
  - WUXGA (1920×1200)
  - HD (1920×1080)
  - WSXGA+ (1680×1050)
  - SXGA+ (1400×1050)
  - SXGA (1280×1024)
  - HD (1280×720)
  - XGA (1024×768)
- The content frame rate
  - 5–60 fps (Up to 4K resolution at 15 fps during a call)

Audio Standards and Protocols
- Audio codec
  - Opus: 8~48KHz Sampling Rate
  - 14KHz bandwidth with G.722.1C
  - 7KHz bandwidth with G.722 / G.722.1
  - 3.4KHz bandwidth with G.711 / G.728 / G.729A
  - -ARES
- Audio technology
  - Acoustic echo cancellation
  - Automatic gain control
  - Nexvoo Noise Proof Technology
  - VAD, CNG, AEC, AGC, PLC, AJB

Audio Output
- 1×3.5mm line out

Other Interfaces
- 1×USB-A (3.0)
- 1×USB-C
- 1×10/100/1G Gigabit Ethernet port
- Bluetooth 4.2
- Wi-Fi 802.11a/b/g/n/ac

Network
- IPv4
- 1×10/100/1G Ethernet
- Built-in dual-band wireless network (2.4GHz、5GHz)
- Forward Error Correction (FEC), Anti 30% video packet loss
- Bandwidth dynamic adaptive adjustment
- Shared content and audio preference strategy
- Bandwidth/protocol/audio & video call auto adaptive
- Reconfigurable MTU size
- Simple Certificate Enrollment Protocol (SCEP)

Safety
- HTTPS web page secure access
- RTP/TLS, AES 256-bit encryption
- QoS: 802.1p/q, Diff-serv
- VLAN, IEEE802.1X, LLDP-MED
- Anti-attack
- Network diagnosis: Ping, trace, route Built-in certificate
- Time and date synchronization using SNTP

Management
- Configuration via browser/display/ auto-provisioning
- Firmware upgrade, Factory settings
- Export or import configuration System log exporting

Application Compatibility
- Supports local third-party applications, including Zoom Rooms for Android
- Compatible with any application that supports standard USB audio and video drivers, including but not limited to:
  - Microsoft Skype for Business
  - Microsoft Teams
  - Zoom
  - GoToMeeting
  - BlueJeans Network
  - Google Hangouts
  - Amazon Chime
  - Webex Meeting
  - ClickMeeting Webinars
  - RingCentral Meetings
- Supported operating systems
  - Windows 7, 8.1, 10
  - Mac OS 10.12, 10.13, 10.14, 10.15
- Supports standard audio and video device drivers
  - UAC 1.0 Audio
  - UVC 1.1/1.5 Video
  - HID 1.11

Size
- (H x W x D) 360 x 65 x 54mm
- 2.4lbs / 1.1kg

Power Requirements
- 12VDC/5A @ 100~240VAC, 50/60Hz
- Power button (press and hold for 3 seconds on power button)

Environmental Requirements
- Working temperature：0-40℃
- Relative humidity：15-80%， noncondensing
- Storage temperature：-25℃-70℃
- Storage humidity：5-95%， noncondensing
- Highest altitude：4800m

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