VB370A

Android™ Powered Dual Lens 4K PTZ Video Bar

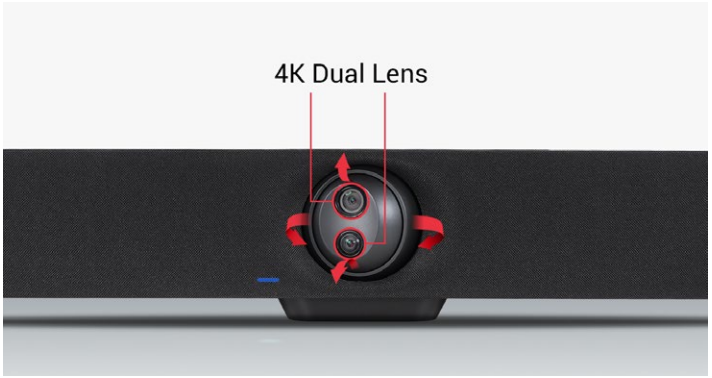
Step into a new age of video conferencing with the AVer VB370A, where cutting-edge AI meets advanced edge processing to redefine collaboration. Designed for effortless use, this 4K dual-lens video bar eliminates the need for constant camera adjustments, empowering meeting room moderators to focus on the conversation rather than the controls. Featuring intelligent AI-powered capabilities like voice tracking, Smart Composition, and Auto Framing, the VB370A ensures every participant is seen and heard clearly, creating a seamless experience for mid-to-large spaces. With its Android™ OS optimized for Zoom Rooms, crystal-clear audio, and versatile setup options, the VB370A makes smarter meetings a reality.

Dual-Lens Innovation for Complete Coverage

The AVer VB370A's dual-lens design merges the precision of an 18X total zoom PTZ camera with the expansive 120° field of view from a fixed wide-angle camera. This unique combination ensures every participant and detail in your meeting space is captured with stunning clarity. Whether zooming in on a single speaker or showcasing the entire room, the VB370A delivers sharp, professional visuals that adapt seamlessly to the dynamics of your meeting.

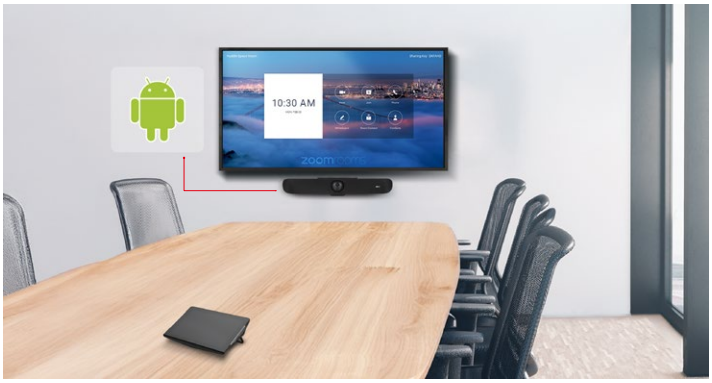
AI-Powered Intelligence for Intelligent Collaboration

The AVer VB370A leverages advanced AI features to revolutionize your meeting experience. With Smart Composition, Auto Framing, and intelligent voice tracking, the camera seamlessly keeps the focus on active participants, ensuring every interaction feels natural and engaging. Noise-blocking technology eliminates unwanted distractions, while beamforming microphones deliver crystal-clear audio. Together, these cutting-edge capabilities create an immersive, distraction-free environment for effortless collaboration.



Simplified Collaboration with Android™ and Zoom Rooms

Powered by Android™, the AVer VB370A provides a seamless and secure Zoom Rooms experience right out of the box. With intuitive controls and one-touch meeting access, the need for additional software or PCs is eliminated, making collaboration easier and more efficient than ever. Experience reliable, hassle-free connectivity that keeps your focus on the meeting, not the technology.

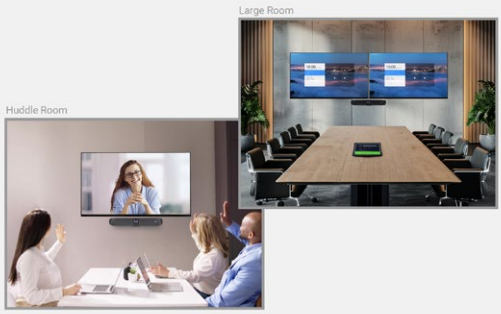


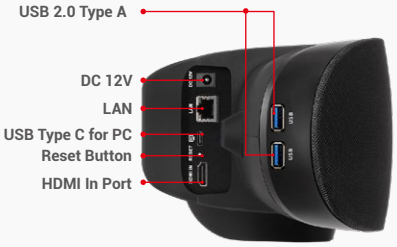
Unmatched Audio Clarity for Effective Communication

The AVer VB370A is equipped with a powerful 14-microphone array that captures voices with precision from up to 10 meters away. Advanced technologies like beamforming, echo cancellation, and audio fencing ensure the focus remains on voices within the meeting area, filtering out distractions and background noise. This superior audio performance delivers clear, uninterrupted communication, allowing every participant to stay connected and engaged.

Versatility to Fit Every Meeting Space

The AVer VB370A is designed for maximum flexibility, supporting dual screens to enhance collaboration by displaying both content and speakers simultaneously. Its adaptable design accommodates a variety of meeting spaces, from small huddle rooms to large boardrooms. With options to expand using additional cameras, microphones, speakerphones, and touch panels, the VB370A ensures a tailored solution for every collaboration need.





Specifications

PTZ Camera

- Image Sensor: 1/2.8" Sony 4K Exmor CMOS
- Effective Picture Elements: 8 Megapixels
- Output Resolutions: Up to 4K/30
- Minimum Illumination: 0.46 lux (IRE50, F1.6, 30fps)
- S/N Ratio: ≥ 50 dB
- Gain: Auto
- TV Line: 1500 (Center)
- Shutter Speed: Auto
- Exposure Control: Auto
- White Balance: Auto, Manual
- Hybrid Optical Zoom: 4.5X
- Digital Zoom: 4X
- Total Zoom: 18X
- Viewing Angles:
  - DFOV: 92°
  - HFOV: 81°
  - VFOV: 50°
- Viewing Area: Pan: 141°, Tilt: 78°
- Preset Positions: 128*
- Camera Control - Interfaces: IP, USB*, Remote Control, AVer CP10 G2, Zoom Rooms Controller App
- Camera Control - Protocols:
  - VISCA (IP)*
  - CGI (IP)
  - USB*
- Image Processing: WDR, 3D/2D Digital Noise Reduction
- Power Frequencies: 50 Hz, 60 Hz

Interfaces

- HDMI Out: 2
- HDMI In: 1
- USB: USB Type-A x 3, USB 3.0 Type-C* (DisplayPort Alternate Mode) x 1
- Network: RJ-45 x 1
- Line In: 1
- Audio In/Out: RJ-45 x 1
- Wi-Fi*: 802.11 a/b/g/n/ac
- Bluetooth®*: Bluetooth® Low Energy

USB

- Connector: USB 3.1
- Video Format: YUY2, MJPEG
- Audio Format: PCM
- Maximum Video Resolution: 4K 30fps
- USB Video Class (UVC): UVC 1.1
- USB Audio Class (UAC): UAC 2.0

AVer AI Technology

- Onboard AI: Yes
- Video AI*: Smart Composition, Auto Framing
- Audio AI*: Voice Tracking, Audio Fence, Beamforming Technology

Fixed Camera

- Image Sensor: 1/2.5" Sony 4K Exmor CMOS
- Effective Picture Elements: 8 Megapixels
- Output Resolutions: Up to 4K/30
- Viewing Angles:
  - DFOV: 120°
  - HFOV: 110°
  - VFOV: 75°
- Viewing Area: Pan: 170°, Tilt: 103°

Speakers

- Volume: 96 dB SPL at 0.5 Meter Peak
- Sensitivity: 81 ±2dB SPL at T/S Parameter
- Frequency Response: 110 Hz to 20 KHz
- Sample Rates: 48 KHz

Microphones

- Beamforming Elements: 14
- Pickup Range: 10 Meters
- Sensitivity: -35 ±1dB FS
- Frequency Response: 100 Hz to 12 KHz
- Acoustic Echo Cancellation (AEC): Yes
- Automatic Gain Control (AGC): Yes
- Noise Suppression: Yes
- Sample Rates: 24 KHz
- Add-on Microphones: Yes
- Expansion Microphone: Yes (Up to 2 Daisy-chain Microphones)
- Expansion Speakerphone: Yes (One Speakerphone Only)

Web UI

- Live Video Preview: Yes
- Camera PTZ Control: Pan, Tilt, Zoom, Focus, Preset Control
- Camera/Image Adjustment: Exposure, White Balance, Picture
- Network Configuration: DHCP, IP Address, Gateway, Subnet Mask, DNS

Compatible applications

Software & Apps (for BYOD Mode)*: Zoom, Microsoft® Teams, Skype, Google Meet™, Intel® Unite™, RingCentral, BlueJeans, V-Cube, LiveOn, CyberLink U Meeting®, TrueConf, Adobe® Connect, Cisco WebEx®, Fuze, GoToMeeting™, Microsoft® Lync™, Vidyo, vMix, WebRTC, Wirecast, XSplit, V Cube

General

- Operating System: Android™ 13
- Power Requirement: AC 100 - 240V to DC 12V/6.25A
- Power Consumption: 90W
- Dimensions (W x H x D): 790 x 129 x 138 mm
- Net Weight: 3.7 ±0.1 kg
- Application: Indoor
- Security: Kensington Slot
- Remote Control: Infrared
- Operating Conditions: Temperature: 0 °C to +40 °C, Humidity: 20% to 80%
- Storage Conditions: Temperature: -20 °C to +60 °C, Humidity: 20% to 80%

Certification

- Zoom Rooms†
  - Built-in
  - Functions: Auto-Framing, Multi-Focus Framing, Speaker Focus, Multi-Stream (Smart Gallery)*

Package contents

- VB370A
- Power Adapter
- Power Cable
- Remote Control
- HDMI Cable
- Tripod Screw (x2)
- Wall-Mount Bracket
- Drilling Paper

Optional accessories

- AVer CP10 G2 Touch Panel (We offer a 3-year warranty)
- USB 3.0 Type-C to Type-C Cable
- Expansion Speakerphone
- Expansion Microphone
- TV VESA Mount

Warranty*

- Camera: 3 Years
- Accessories: 1 Year

** Available in next firmware upgrade.*
*** Specifications may vary depending on location and are subject to change without notice.*

† The Zoom Rooms Certification for the VB370A is still in progress; it hasn't been Zoom certified yet.

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