VB350

Dual Lens Enterprise-Grade 4K PTZ Video Bar
for Medium & Large Rooms

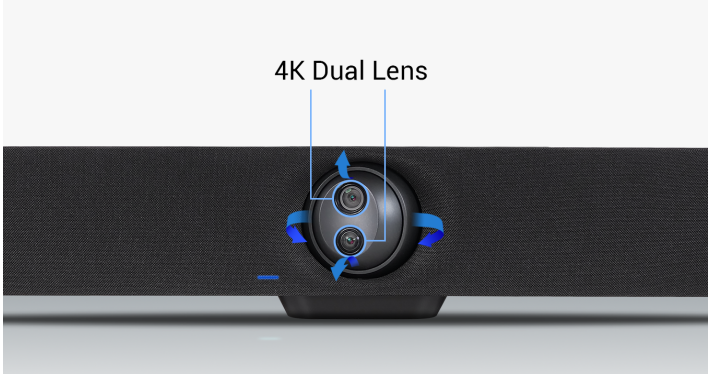
Elevate your video conferencing experience with the VB350, the premium version of all-in-one solutions. Boasting a sleek, streamlined design, dual 4K lenses for crystal-clear visuals, seamless lens switching, enhanced audio technology, and effortless setup, it's the perfect choice for transforming your mid-to-large conference rooms into premium audio and video hubs. Make the leap to next-level video meetings with the VB350 and unlock a new era of meeting equity, productivity, and engagement.

Capture Detailed Images with 4K Dual Lens and Extended Field of View

Enhance your video conferencing experience with the cutting-edge VB350, featuring dual 4K lens technology. With an expansive 113° field of view and versatile optical hybrid 18X zoom capability, the VB350 excels at capturing sharp, detailed images of wide and deep viewing areas, making it the ideal choice for medium and large meeting rooms. With the VB350's reliable lens switching, all meeting attendees are captured with precision, even those seated at a distance from the camera. Experience smooth and seamless conversations, courtesy of the ultra-smooth lens shifting technology.

Increase Collaboration and Meeting Equity with AVer's AI Features

AVer's SmartFrame technology automatically centers participants as far as 22 feet away, ensuring precise people counting and clear images, even in scenarios where masks are worn. Additionally, our Presentation Mode offers intelligent preset recall with voice tracking. Configure multiple preset viewing areas, and the camera adapts as the presenter moves, eliminating the need for manual adjustments. The Conversation View feature tracks the speaker in real-time when set to audio tracking mode. As more people join the meeting, the camera smoothly transitions to auto framing mode, capturing the entire group's dynamics for engaging, inclusive, and visually immersive meetings.



Experience Uninterrupted Collaboration with Premium Audio Quality

Say goodbye to unwanted noise thanks to AVer's innovative audio fencing technology. This cutting-edge feature effectively blocks background distractions, ensuring that only voices within the camera's viewing area are being captured. With a 14-beamforming microphone array pickup, the VB350 accurately captures resonant sound from distances of up to 32 feet away. Immerse yourself in seamless conversations with audio so true-to-life that your remote meetings will resemble in-person gatherings.

Enjoy Seamless Monitor Connectivity

With a HDMI out port for TV connectivity, any meeting participant can easily connect their laptop to a larger screen using a standard USB cable, facilitating hassle-free monitor integration. This versatile solution is especially ideal for Bring Your Own Device (BYOD) conference rooms, where individuals can effortlessly share content on a bigger display. Say goodbye to compatibility issues and embrace the future of conference room connectivity with this user-friendly solution.

Embrace the Power of Custom Control Integrations

The VB350 stands out as a versatile and intelligent video conferencing solution, thanks to its robust built-in advanced integration capabilities. It is the ideal choice for controlled environments where seamless integration with various systems is paramount. With support for RS232 and Visca over IP, users gain exceptional control over the VB350, enabling them to seamlessly interact with other devices and systems within their conference room.

Specifications

Camera

- 4K dual-lens technology delivers a wide 113° field of view (FOV) with 18X zoom
  - 4K 3X varifocal lens: FOV (D/H/V) 92°/81°/50°
  - 4K fixed lens: FOV (D/H/V) 113°/105°/71°
- Sony 4K sensor: ultra-crystal-clear image in any lighting
- Frame rate: (16:9) 1280 x 720 at 60, 30, 15fps; 4K, 3264 x 1836, 2560 x 1440, 1920 x 1080, 1600 x 900, 960 x 540, 848 x 480, 800 x 448, 640 x 360 at 30, 15fps; (4:3) 1280 x 960, 800 x 600, 640 x 480 at 30, 15fps
- Adjustable audio fence: Freedom to define wide/ medium/ narrow view fence
- SmartFrame & SmartSpeaker: Automatic tracking and FOV adjustment to fit all participants and focus on the speaker
- Presentation mode: Voice-triggered tracking on both defined areas and speakers
- Smart gallery* function enhances visibility
- Gesture control for intuitive camera control
- WDR, white balance and more image settings via PTZApp 2
- Minimum focus distance: 100 cm
- People counting API: Enterprises and third-party software providers can obtain people-counting and meeting-interval data tor better understand meeting space usage

** Requires running PTZApp 2 on a PC*

Motorized Pan and Tilt Movement

- Pan: total horizontal viewing area 165°
- Tilt: total vertical viewing area 101°
- 10 camera presets

Audio

- 14-element beamforming microphone array
- 10 meters pickup range*
- Volume up to 96 dB SPL at 1/2 m
- Echo cancellation
- AI noise suppression

HDMI

- One cable solution: Built-in USB 3.1 (Gen 1) to HDMI adapter
- 4K HDMI output to TV*

** Windows® 7 and MAC OS: Need to install HDMI adapter driver*

Connectivity

- 12V/5A power adaptor
- Mini DIN 6 for RS-232 connection
- USB 3.1 Type-B port, backward compatible with USB 2.0
- HDMI out connection (USB to HDMI Adapter)
- Phone in (3.5 mm audio Jack)/Speaker out for HA system*
- RJ45 ports x2 (one for Ethernet, one for audio expansion speakerphone/microphone)
- USB 2.0 Type-A x3 : One for Wireless connection**; one for IFP USB Touch back

**Need to set up via PTZApp 2 and purchase an audio-out converter from AVer*
*** Wireless dongle (optional item) to connect with mobile phone*

Video Format

- YUV, YUY2, M-JPEG
- Network video compression formats: H.264, H.265
- Network protocols: RTSP, RTMP

USB

- 3.1 Gen 1, backward compatible with USB 2.0
- UVC 1.1 (USB Video); UAC 1.0 (USB Audio)

Control

- IR remote control
- WebUI: IP access via Chrome browser (Chrome 76.x or later; Internet Explore not supported)
- VISCA/pelco P/pelco D via RS-232/Visca over IP
- UVC/UVA plug-and-play
- PTZApp 2

Mount and Security

- Wall-mount bracket (included)
- TV VESA mount kit (optional)
- Kensington security lock

System Requirements

Software:

- Windows 7/10/11
- Mac OS X 14.4 or later
- Chromebox 3 version 94.0.4606.114 or later

Hardware:

- 3.2 GHz Intel® Core™ i5-4460 processor
- 4 GB RAM or more
- USB 3.1 port, backward compatible with USB 2.0

Power Supply

- AC 100V–240V, 50/60 Hz
- Consumption: 12V/5A

Free Applications for Meeting Collaboration (Free Apps support on Windows® and Mac® computers)

EZManager 2: Camera Central Management Software

- Remotely group FW/SW upgrades, control the camera, and manage settings

PTZApp 2: Camera Settings Software

- View live video/people-counting/meeting-interval information
- Smart Gallery/Preset Link
- Upgrade firmware automatically or manually
- Control the camera
- Set parameters and adjust the camera image
- Diagnose operating status

EZLive: Broadcasting software

- Enjoy multi-camera, annotating, image capturing, and video recording

Environmental Data

- Operation temperature: 0 ~ 40°C
- Operation humidity: 20% ~ 80%
- Storage temperature: -20 ~ 60°C
- Storage humidity: 20% ~ 80%

Package contents

- VB350 unit
- Power adapter & cable
- USB 3.1 Type-B to Type-A Cable (3m)
- USB 3.1 Type-A to Type-C adapter
- QR code card
- Wall-mount bracket
- Tripod Screws
- Remote control
- Wall-mount drill paper

Optional accessories

- Mini DIN 6 to RS-232 adapter
- TV VESA mount
- 10 m/20 m expansion microphone
- 10 m/20 m expansion Speakerphone
- 5m USB 2.0 type B to type A cable
- Wireless dongle (for connecting with mobile phone)
- Audio-out converter (TRS female to TRRS male)

Dimensions (D x W x H)

- Package dimensions: 872 (L) x 197 (W) x 260 mm (H)
- Package weight: 7.4 kg
- Camera: 791 (L) x 128 (W) x 126 mm (H)/3.3 kg
- Remote control: 150 (L) x 42 (W) x 19 mm (H)/50 g

Warranty*

- Camera: 3 years
- Accessories: 1 year

Compatible applications

Zoom, Microsoft® Teams, Skype for Business, Skype, Google Meet™, Intel® Unite™, RingCentral, V-Cube, LiveOn, CyberLink U Meeting®, TrueConf, Adobe® Connect, Cisco WebEx®, Fuze, GoToMeeting™, Vidyo, vMix, WebRTC, Wirecast, XSplit, V Cube

** For 4K UHD support, please check system/hardware requirements with your software application provider.*

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