VB342 Pro

Enterprise-Grade 4K PTZ Video Bar

All-in-One PTZ technology

The VB342 Pro video bar features PTZ technology with an integrated camera, mic, and speaker audio. The 92° FOV lens features 3X optical zoom (15X total zoom) with mechanical pan and tilt to deliver a vivid image so you can see participants in crystal clear clarity.

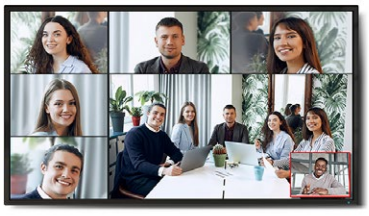
Enhance your meeting with gesture control

The camera can easily be controlled and enable AI functions by holding up one finger on either side of your face. Take advantage of built-in AI gesture recognition to operate the camera and eliminates touchpoints to increases meeting safety.

Advanced AI for smarter meetings

Upgrade your meetings with Smart Gallery and gesture control to make them more efficient and safer. Smart Gallery clearly captures attendees, which enables AI technology to crop participant's faces and make sure everyone is looking great during your conference call. You can choose between headshot and half body mode to adapt to any meeting situation.

Headshot Mode



Half-body Mode

Adjustable audio fence blocks distractions

AVer's Audio Fence technology gives you the freedom to define your meeting area. Limit distractions using the adjustable audio fence that lets you silence any sound outside the viewing angle.

Specifications

Camera
- 4K 3X optical zoom lens with 15X zoom
- Field of view (D/H/V): 92°/84°/53°
- Sony 4K True WDR sensor: ultra-crystal-clear image in any lighting
- Frame rate: (16:9) 4K 30fps; 1920 x 1080, 1600 x 900, 1280 x 720, 960 x 540, 848 x 480, 800 x 448, 640 x 360 at 60, 30, 15fps; (4:3) 1280 x 960, 800 x 600, 640 x 480, 480 x 360 at 60, 30, 15fps
- Adjustable audio fence: Block outside noise; freely define your meeting area
- True WDR up to 120db: Superb backlight compensation technology for optimizing light balance in high-contrast conditions
- SmartFrame & SmartSpeaker: automatic tracking and field of view adjustment to fit all participants and focus on the speaker
- Presentation tracking: Tracking speaker with both preset area and participant tracking
- Smart Gallery* function for great visibility
- Gesture Control for intuitive camera control
- Mirror, Flip, AE, white balance: Auto, manual override via PTZApp 2
- Minimum focus distance: 80 cm
- People counting API: Enterprises and third-party software providers can obtain people-counting data and meeting interval for better understanding of meeting space usage

*Please download PTZApp 2 to set up Smart gallery function

Motorized Pan and Tilt Movement
- Pan: total horizontal viewing area 180°
- Tilt: total vertical viewing area 105°
- 10 camera presets (via remote control and IP web page)

Audio
- 10-element beamforming microphone array
- 8 meters (27 ft) pickup range
- Stereo speaker with output power 12W (6W x 2 pcs)
- Volume up to 96 dB SPL at 1/2 m
- Echo cancellation
- Noise suppression

HDMI
- USB Display Adapter: built-in USB 3.1 (Gen 1) to HDMI adapter

Connectivity
- 12V/5A power adaptor
- Mini DIN 6 for RS-232 connection
- USB 3.1 Type-C port, backward compatible with USB 2.0
- HDMI out connection (USB Display Adapter)
- Phone in (3.5 mm audio Jack)/Speaker out for HA system*
- Two RJ45 ports (one for Ethernet, one for audio expansion speakerphone/microphone)
- USB 2.0 Type-A*2 : 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

Video Format
- YUV, YUY2, M-JPEG
- Network video compression formats: H.264, H.265

USB
- 3.1 Gen 1, backward compatible with USB 2.0
- UVC 1.1 (USB Video); UAC 1.0 (USB Audio); UVC 1.5*

*For UVC1.5, it involves in different platform environment and requires extra FW upgrade. Please contact technical support for more details.

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

Mount and Security
- Camera wall-mount bracket included
- 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 (For Windows® and Mac® computers)

EZManager 2: Camera Central Management Software
- Remotely manage group FW/SW updates, camera control, and settings

PTZApp 2: Camera Settings Software
- View live video, people counting number, meeting interval information
- Enable Skype for Business far-end control
- Upgrade firmware automatically or manually
- Control the camera
- Set parameters and adjust the camera image
- Diagnose operating status
- Smart gallery/ Virtual USB streaming/ Preset Link

EZLive: Broadcasting software
- Enjoy multi-camera real-time streaming, 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
- VB342 Pro unit
- Power cable 10 ft (3 m)
- USB 2.0 Type-B to Type-A Cable 5m
- USB 3.1 Type-A to Type-C adapter
- QR code card
- Wall-mount bracket and screws
- Remote control
- Velcro (x2)(pre-install on the device)
- Wall-mount drill paper

Optional accessories
- Mini DIN 6 to RS-232 adapter
- TV VESA mount for mounting on top of TV and beneath TV
- Foldable TV mount
- 10 m/20 m expansion microphone
- 10 m/20 m expansion Speakerphone
- 3 m USB 2.0 extender cable
- Wireless dongle (for connecting with mobile phone or AVer Fone540)
- Audio-out converter (TRS female to TRRS male)

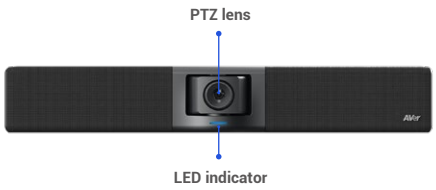
Dimensions (D x W x H)
- Package dimensions: 824 x 190 x 238 mm
- Package weight: 5.33 kg / 9.3 lbs
- Video Bar: 737.8 x 125.5 x 115.5mm / 3.1 kg
- Remote control: 149.72 x 42.3 x 19.3mm / 50 g

Warranty
- Camera: 3 years
- Accessories: 1 year

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

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

** Specifications may vary depending on countries and are subject to change without notice.



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