

Uninterrupted Clarity

AVer VB342 Pro

4K PTZ video bar for small to medium rooms

Product 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

- DisplayLink: built-in USB 3.1 (Gen 1) to HDMI adapter
- 2K HDMI output to TV*

* Windows® 7 OS: install DisplayLink driver via PTZApp 2

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 (DisplayLink)
- 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
** Wireless dongle (optional item) to connect with mobile phone or AVer Fone540

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
- TV VESA mount kit (optional)
- Foldable TV mount (optional)
- Kensington security lock

Software:

- Windows® 7/10
- 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
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Power Supply

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

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
- 10 m/20 m/30 m USB 3.1 extender cable
- 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

- Package dimensions: 824 x 190 x 238 mm
- Package weight: 5.33 kg / 9.3 lbs
- Camera: 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

*We offer an optional 2-year extended warranty in the European area. Please contact your local agency for details.

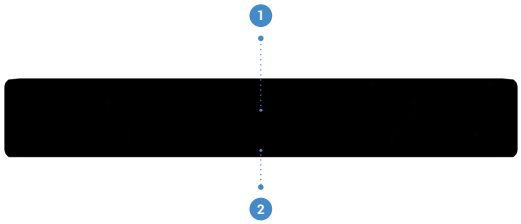
Compatible Applications

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.

Product Overview

Front

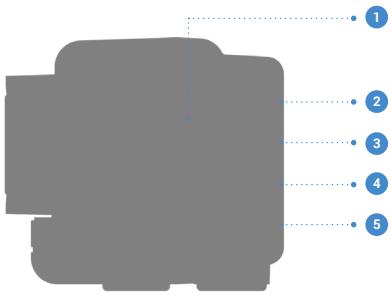


1	PTZ lens
2	LED indicator

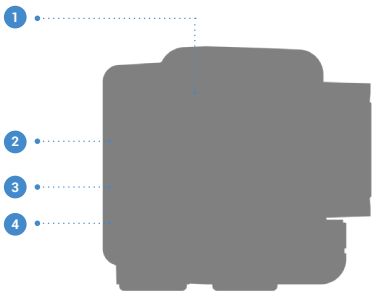
Top



Side



1	USB 2.0 Type-A USB
2	HDMI out (to TV)
3	USB3 Type-B (device to PC)
4	LAN
5	DC 12V



1	USB 2.0 Type A for wireless dongle
2	Audio expansion
3	RS-232
4	Phone in/ Speaker out

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