

4K ePTZ Webcam with Auto-Framing and Speaker



TEVO-VA300B 4K ePTZ Webcam

TEVO-VA300B is a Professional 3 in 1 Webcam, which integrated with a 4K ePTZ camera, electret microphones and High-performance speaker in one device. It uses 1/2.8" 4K UHD CMOS Sensor, 8.29 Megapixel, which can provide 4K high-quality and ultra-clear images, and the output frame rate is up to 30 fps. It presents clear and realistic high-definition video, showing the expressions and actions of the characters vividly.

TEVO-VA300B webcam uses a 120° ultra-wide-angle, non-distortion camera. It supports 5x digital zoom and Auto framing function, built-in two high-sensitivity 360° pickup digital microphones and speaker which provide clear and natural sound effect. With excellent noise reduction algorithm, its pickup radius can reach up to 5 meters.

USB-C Interface power supply, simple and convenient, supports UVC, UAC protocol. It can be applied in application scenarios such as personal video applications, and collaborative works. USB-A can extend the pickup range up to 8 meters by adding an Expansion Mic.

Main features:

- 4K Ultra HD image sensor, can support 4K@30fps high-quality and clear images;
- 120° ultra-wide horizontal view angle;
- ePTZ function, 5X digital zoom with remote control;
- Built-in 2 Omnidirectional microphones and speaker, hands-free talk;
- USB-A interface and USB-C, plug and play;
- Expansion Mic Can be Connected with USB-A;
- Auto framing function perfectly framing all people in the center of the image;
- Compatible with most video conferencing applications;

Compatible softwares:



More details:

4K Ultra HD image sensor

1/2.8" 4K UHD CMOS Sensor image sensor, can support 4K@30fps, 8.29MP(16:9) high-quality and clear images; Exquisite image effect, vivid video, accurate color hierarchy, high definition and color reproduction.



Ultra-wide horizontal view angle

Support 120° ultra-wide horizontal field of view; Without distortion, Capture the whole scene with no fish-eye effect.



ePTZ function 5X zoom

Support ePTZ function, 5x Zoom, electronic pan/tilt movement and digital zoom function can be controlled by remote; and image flip, mirror effect.



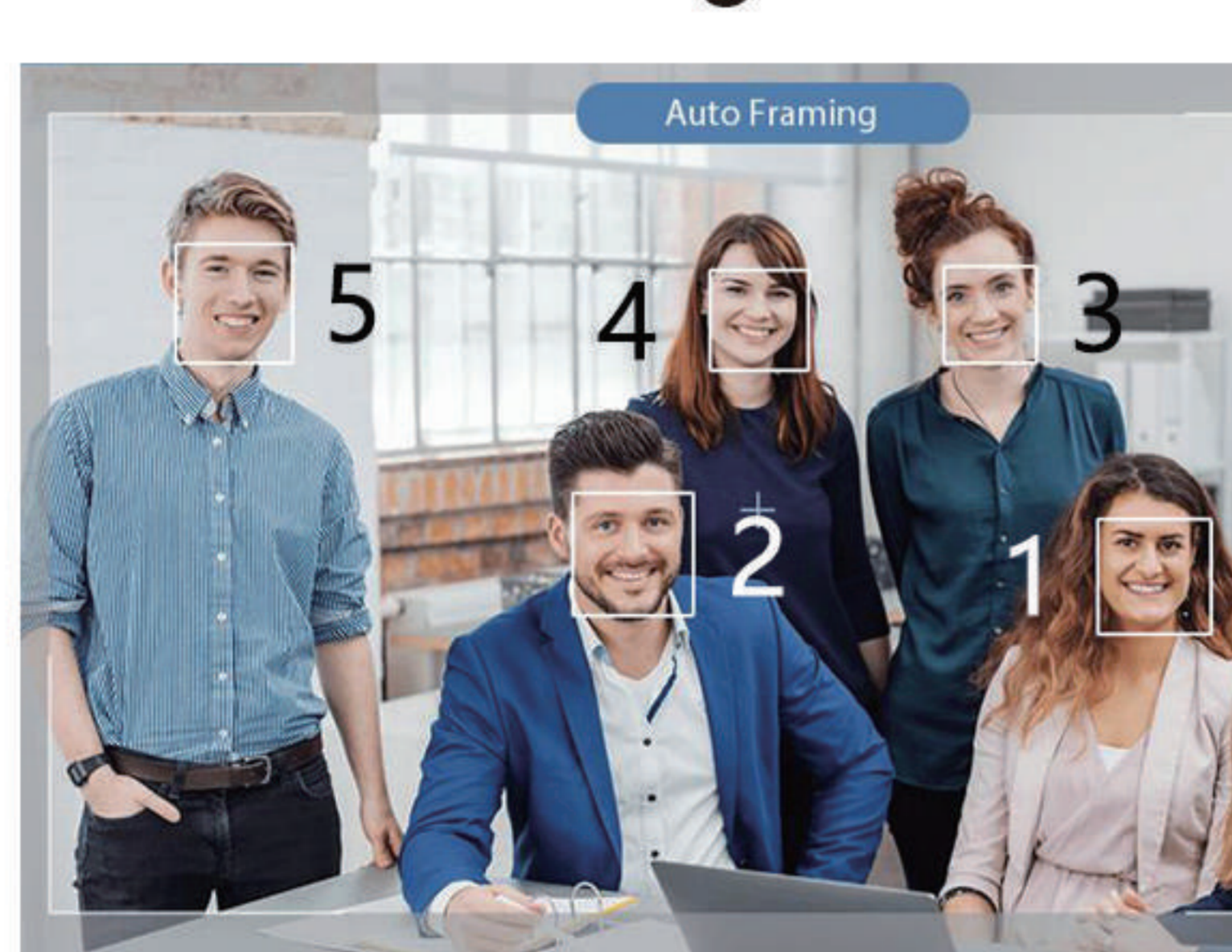
Expansion Mic Can be Connected with USB-A

USB-C interface power supply, plug and play, simple and convenient, supports UVC, UAC protocol. USB-A port can extend the pickup range up to 8 meters by adding an Expansion Mic.



AI-Powered Auto framing

It is built with AI-Power Auto framing, which can automatically frame all people in the meeting and make them at the middle of the video image.



Protecting your Privacy

The Magnetic privacy cover blocks the lens when the webcam is not in use. It's perfectly to provide security and peace of mind to anyone. It also helps to protect the lens from dirt and debris to ensure your video remains clear for the life of the camera.



Technical specification:

Video

Model: TEVO-VA300B
 Image Sensor: 1/2.8" 4K UHD CMOS Sensor
 Effective Pixel: 8.29 Megapixel(16:9)
 Lens Length: f=2.02mm
 Aperture: F2.5
 Auto framing: Support
 FPS: 30 fps (MJPEG)Max
 Zoom: Fixed, 5x Digital Zoom
 PTZ control: Support ePTZ
 FOV: 120°
 Video Output Format: 3840×2160@30fps, 1920×1080P@30fps/25fps, 1280×720P@30fps/25fps, etc
 Video Output Interface: USB Type-C
 Expansion Microphone Interface: USB Type-A
 Video Compression format: MJPG@30fps; H.264; H265.YUV
 USB communication: UVC, UAC
 Hardware requirement: 2.4 GHz Intel@ Core 2 Duo processor or higher, 2GB RAM or more, USB 2.0 /USB3.0 port
 Status Display: 16*colors LED indicator light (Annular Array); RGB 3*Colors Light

Audio:

Microphone: Built-in 2 omnidirectional analog microphones, 360-degree pickup range
 Pickup Range: 5 meters
 Audio Processing Technology: ANS automatic noise suppression technology, AGC gain control adjustable technology;
 Speaker: High-performance speaker
 Transfer Method: USB
 Gain Control: Auto

Other Parameter:

Input Voltage: 12V
 Input Current: 1A(Max.)
 Power consumption: 12W/5W(Max.)
 Store temperature: -10℃~+60℃
 Store Humidity : 20%-90%
 Working temperature: -10℃~+50℃
 Working Humidity: 20%-80%
 Operating Systems: Windows 7(1080p at the most), Windows 8.1, Windows 10; MacOS™ 10.10 or higher, Android, Linux (Require to support UVC.)



Ideal fit for:

- Small to medium sized conference rooms
- Remote Education
- Healthcare



Who is buying it?

- Educators
- Small business owners
- Schools



Package & Warranty:

Dimension: 210x58x50mm;
 Net weight: 0.33kg;
 Gross weight: 0.6kg;
 Pack list: Conference Camera *1; USB 3.0 Cable(5m) *1; Remote Control(no battery) *1; User's Manual *1; Warranty Card*1.

Warranty: 2 years warranty;

