

TEVO-VA300C2.0

All-in-One 4K AI ePTZ Conference Webcam



4K UHD Camera



Built-in Speaker



Built-in 4 Mics



Voice Tracking



Auto Framing



Plug and Play



5x Digital Zoom

The TEVO-VA300C2.0 combines a 4K ePTZ camera, a 4-microphone array and a built-in Hi-Fi speaker in one compact all-in-one unit for small and medium meeting rooms. A 1/2.8" Sony 4K UHD CMOS sensor (8.29 MP) captures ultra -sharp video at 30 fps. The microphone array picks up voices clearly up to 7 metres, while the Hi-Fi speaker with 3A audio processing (AEC / AGC / ANS) delivers balanced, echo-free sound - all without bulky external equipment.

4K Ultra HD Image Sensor

A 1/2.8" Sony CMOS sensor delivers 4K UHD (3840x2160@30fps) with 8.29 MP (16.9) capture, for vivid detail, accurate colour gradation and true-to-life fidelity.



AI-Powered Auto Framing

Automatically detects and centres all participants for a perfectly composed shot, with face tracking for reliable framing.



AI Speaker /Voice Tracking

Fast, smooth speaker transitions with 3-second speaker detection, driven by AI voice tracking.



ePTZ with 5x Digital Zoom

Electronic PTZ control with 5x digital zoom, adjustable by IR remote, plus image flip and mirror for flexible view options.



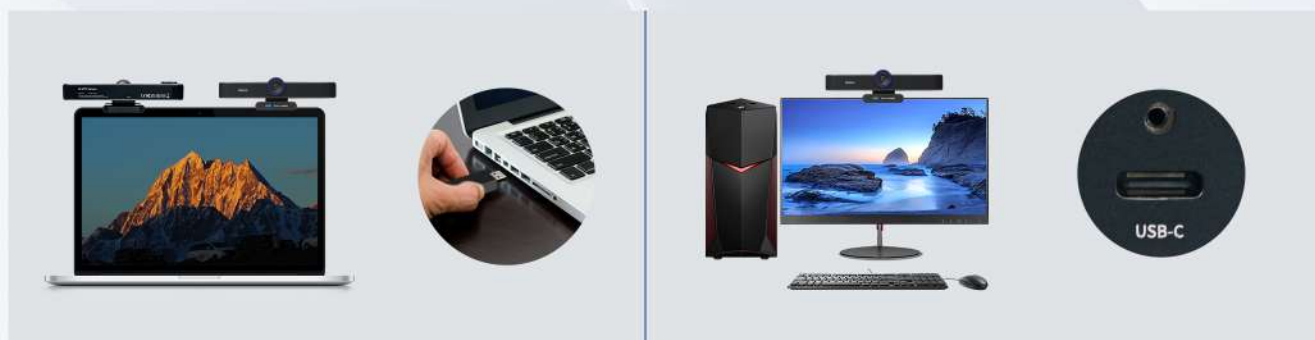
3 Selectable FOV Modes

A 118.8° ultra-wide field of view captures the full scene without fisheye distortion; three FOV modes are switchable from the included IR remote.



USB 3.0 Plug & Play

The USB 3.0 interface offers true plug-and-play operation over the UVC/UAC standard — no drivers required — for stable audio/video on Windows, macOS, Android and Chrome OS hosts.



Model No.	TEVO-VA300C2.0
Camera	
Sensor	1/2.8" SONY CMOS
Video Resolution	3840×2160@30fps, 2560×1440@30fps, 1920×1080@30fps
Effective Pixels	8.29 MP (16:9)
Field of View	Mode 1: 118.8°(D), 109.9°(H), 74.6°(V) Mode 2: 100.4°(D), 91°(H), 59.4°(V) Mode 3: 87.6°(D), 78.2°(H), 49°(V)
Minimum Illumination	0.1 Lux
Aperture/Brightness/Contrast	Automatic
White Balance	Automatic
Shortest Shooting Distance	50 cm
DNR	2D & 3D DNR
Encoding	YUV, MJPG, H.264, H.265, NV12
Frame Rate	Max. 30 fps (MJPG)
Digital Zoom	5x Digital Zoom
ePTZ	Supported
AI Function	Auto-Framing, Face Tracking & AI Speaker Tracking
Audio	
Built-in Microphone	4 × MIC array
Directivity	Omnidirectional
Signal-to-Noise Ratio	64.5 dB
Sensitivity	-26 dB
Max. Sound Pressure Level	120 dB
Frequency Response	20 Hz – 22 kHz
Voice Pick-up Range	Up to 7 m
Built-in Speaker	Built-in Hi-Fi Speaker (×1)
Audio Processing	3A: AEC, AGC, ANS
Connectivity & Power	
Interface	USB 3.0
Cable Length	1.8 m
UVC Protocol	Yes
Power Supply	USB bus-powered, DC 5 V
Other Parameters	
Remote Control	Yes (IR)
LED Indicator	Yes
Mounting Bracket	Yes
Camera Angle Adjustment	Flexible 90° adjustment
Magnetic Privacy Cover	Included
Application Support	Zoom, Microsoft Teams, OBS, vMix & any standard UVC/UAC app
System Requirements	Windows 7/8/10 or above, macOS 10.7+, Android 5.0+, Chrome OS
Working Temperature	0 °C ~ 40 °C
Storage Temperature	-10 °C ~ 70 °C
Operating Humidity	5% ~ 95% RH (non-condensing)
Storage Humidity	20% ~ 90% RH
Product Dimensions	211 × 58 × 50 mm (unit) · 258 × 142 × 80 mm (package)
Product Weight	0.25 kg (net) · 0.6 kg (gross)
Package Contents	Camera, User Manual, Remote Control, Magnetic Privacy Cover, USB Cable

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