

AT315VB

Video Bar | 4K AI Auto-Tracking

All-in-one 4K USB video bar with AI auto-framing and speaker tracking, a dual-mic array, and a built-in hi-fi speaker — plug-and-play collaboration for personal desks and huddle rooms.



- 4K UHD Camera
- AI Auto Framing
- AI Speaker Tracking
- Dual-Mic Array
- Hi-Fi Speaker
- USB Plug & Play



The AT315VB is an all-in-one 4K USB video bar built for individual and huddle-room collaboration. Its 4K ePTZ camera offers two smart modes — AI auto framing or AI speaker tracking — to keep you centred on screen automatically, while the built-in microphone array and independent speaker deliver clear, echo-free audio over a single USB connection.

Video Resolution 4K @ 30fps	Field of View D94° / H90° / V55°	Digital Zoom 4× ePTZ
Microphones 2 × MIC 7m pickup	Interface USB 2.0 UVC	AI Modes Framing + Tracking

IDEAL FOR			
Huddle Rooms Full-room coverage from one compact bar	Personal Desks Individual video calls with pro-grade image	Hybrid Meetings Keeps remote participants engaged and included	Training & Classrooms Speaker tracking follows the presenter naturally

PRODUCT DESCRIPTION

The AT315VB is a brilliant all-in-one 4K USB video bar designed for individual and huddle-room video collaboration. Its 8-megapixel 1/3.0" sensor captures 3840 × 2160 video at up to 30fps with a wide D94° field of view, 4× digital zoom, and reliable performance down to 0.1 Lux.

Two smart AI modes let you choose auto framing or speaker tracking, so the camera follows the action and keeps participants at the centre of the screen automatically. Aperture, brightness, contrast, and white balance are all handled automatically, with autofocus tuned for framing and face tracking.

A dual omnidirectional microphone array picks up voices from up to 7 metres, while 3A audio processing delivers acoustic echo cancellation, automatic gain control, and noise suppression. The independent built-in hi-fi speaker completes the system, and UVC-compliant USB plug-and-play makes it compatible with every major VC application and UC platform.

■ 4K	8MP Ultra HD video
■ 30fps	Smooth frame rate
■ D94°	Wide field of view
■ 4×	Digital ePTZ zoom
■ 7m	Voice pickup range
■ 0.1 Lux	Low-light capable

PRODUCT KEY FEATURES

 4K Ultra HD Camera 8-megapixel 1/3.0" sensor delivers sharp 3840 × 2160 video at up to 30fps for lifelike detail.	 AI Auto Framing Detects participants and adjusts the frame automatically so everyone stays in view.	 AI Speaker Tracking Follows the active speaker and keeps them centred on screen with no manual control.
 4× Digital ePTZ Zoom Electronic pan, tilt, and zoom move in on people or content while the bar stays perfectly still.	 Dual-Mic Array Two omnidirectional microphones pick up voices clearly from up to 7 metres away.	 3A Audio Processing Acoustic echo cancellation, automatic gain control, and noise suppression keep speech clean.
 Built-in Hi-Fi Speaker An independent hi-fi speaker delivers full, clear room audio with no extra hardware needed.	 USB Plug & Play A single UVC-compliant USB connection works with all major UC and VC platforms instantly.	 Low-Light Performance Automatic exposure and 0.1 Lux minimum illumination keep the image clear in dim rooms.

TECHNICAL SPECIFICATIONS

CAMERA

Sensor Size	1/3.0"
Pixels	8.0 Megapixel (4K)
Video Resolution	Max 3840 × 2160 / 30fps
Photo Resolution	Max 3840 × 2160
Frame Rate	Up to 30fps (MJPG)
Digital Zoom	4× digital
Field of View	D94° / H90° / V55°
Min. Illumination	0.1 Lux
Min. Shooting Distance	50 cm

AI, IMAGE & AUDIO

AI Framing	Auto framing + face tracking
AI Speaker Tracking	Supported
Focus	Auto
Aperture / Brightness	Automatic
Contrast	Automatic
White Balance	Automatic
Speaker	Built-in hi-fi speaker
Audio Processing	3A: AEC, AGC, ANS
Microphones	2 × MIC array
Mic Directivity	Omnidirectional
Mic Sensitivity	-26 dB SNR 64.5 dB
Max Sound Pressure	120 dB SPL
Frequency Response	20Hz – 8kHz 7m pickup

CONNECTIVITY & COMPATIBILITY

Interface	USB 2.0 (plug & play)
UVC Protocol	Yes
Cable Length	1.8 m
Windows	Windows 11 / 10 / 8 / 7
macOS & Chrome OS	macOS 10.10 or above Chrome OS
Android	Android 5.0 or above
Platform Support	Any app using standard USB audio/video

PHYSICAL & OPERATING

Camera Dimensions	260 (W) × 56 (H) × 60 (D) mm
Weight	Net 0.4kg Package 0.55kg
Package Dimensions	275 (W) × 98.5 (H) × 78 (D) mm
In the Box	Video bar, remote control, user manual
Operating Conditions	0–40°C 5–95% RH non-condensing Storage -10 to 70°C