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EVO-4K-ConferenceBar
Intelligent 4K video & audio integrated conference camera

Ultra HD, 120° wide viewing angle, voice tracking, intelligent framing, video and audio integration

EVO-4K-ConferenceBar adopts a compact integrated design and integrates powerful video and audio functions. It employs a variety of advanced AI intelligent algorithms, integrates face detection, sound source localization, voice tracking and other AI intelligent framing technology, can automatically adjust the size of the picture according to the number of participants and location changes to achieve the best framing. The camera detects the speaker's position in real time, and the locked object presents a close-up, without manually adjusting the camera operation, to provide a simpler, focused meeting experience. USB plug and play, easily connected to personal devices for video conference at any time, EVO-4K-ConferenceBar is the ideal choice for small and medium-sized conference rooms.

Key Features

- **Integrated design**: an integrated design of camera, microphone, and speaker;

- **Voice tracking**: Built-in 6 array microphones to achieve voice tracking function, real-time tracking of each speaker, allowing remote participants to break the limitation of distance and have an immersive, face-to-face experience;

- **Built-in speaker**: Built-in high-quality double speaker sound box to ensure that every participant can clearly hear the sound from a distance, providing a unique remote experience;

- **Audio processing**: The audio processing algorithm adopts high-fidelity 48K audio sampling rate and lossless audio transmission technology. It supports AEC, AGC, ANS processing, and provides 6 meters full-duplex quality;

- **Intelligent framing:** Built-in face detection algorithm, automatically detect participants, and provide ideal framing;

- **Ultra HD image**: It employs 8 megapixel High-Quality CMOS image sensor, and it can output 4K ultra-high-definition images, present clear and realistic ultra-high-definition videos, vividly show the expressions and actions of characters, and provide image quality with superior clarity and resolution;

- **Undistorted large-view lens**: With 120° super-large viewing angle, undistorted lens, no need to adjust the lens position, all participants have a panoramic view, easily covering every corner of the meeting room;

- **Low noise and high SNR**: Low Noise CMOS effectively ensure high SNR of camera video. Advanced 2D/3D noise reduction technology is also used to further reduce the noise, while ensuring image sharpness.

- **Excellent compatibility**: Compatible with Windows 7, Windows 10, Mac OS 10.10 or higher O.S., suitable for mainstream cloud video platforms, including but not limited to the following: Microsoft Teams, Skype for Business, Zoom Room and Zoom clients, Cisco WebEx etc.
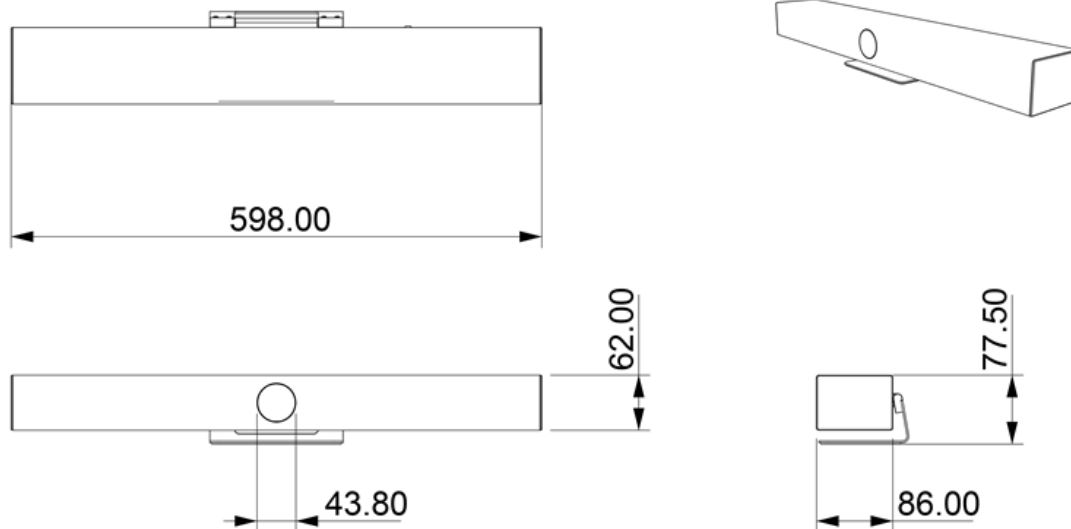
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Technical Specifications

Camera Parameter		
Camera	Sensor	1/2.8 inch, 8 MegaPixel High-Quality CMOS sensor
	View Angle	120° undistorted lens
	Digital Zoom	5x
	Video Output	Maximum output **4K** image
	AI Intelligent framing	**F**ace **D**etection & **S**ound **S**ource **L**ocalization & **V**oice **T**racking
	Optical Lens	120°（D）/ 107.2°（H）/ 74.1°（V）
	Video Resolution	USB : 4Kp30,1080p60 compatible downward
	Video Compression	YUY2, MJPEG, NV12, H.264
	PTZ	**ePTZ**
	DNR	2D＆3D
	BLC	On/Off
	SNR	≥55dB
	Net Weight	Approximate: 1.8kg
Audio	Microphone type	6 digital array microphones
	Pickup distance	6m
	Audio processing	**F**ull **D**uplex **C**ommunication **A**coustic **E**cho **C**ancellation, **A**utomatic **G**ain **C**ontrol, **A**utomatic **N**oise **S**uppression **S**ound **S**ource **L**ocalization
	Speaker	2 x 7W
Controller	Remote control	Built in Direction Button for **e**lectronic **P**an-**T**ilt-**Z**oom functions: = Left/Right, Up/Down, Zoom-In, Zoom-Out; Answer Call, Hang Up, Volume Up/Down, Mute Microphone; Auto Framing & Voice Tracking, Presets, etc.
Interface	USB Interface	1 x USB 3.0 (USB 2.0 compatible), Type B
	Audio Interface	1 x 3.5mm linear input
	Power Interface	DC12V
	Bracket	Wall mounting

Dimension (mm)

Remote Control Functions

Standby On/Off

Volume Down

Zoom Out

Home

Preset Setting

Answer Call

Auto Framing&Voice Tracking

Volume Up

Zoom In

Direction Button

Menu

Hang Up

0-9 Number Buttons
Short press can call back corresponding preset