

Intelligent 4K audio and video integrated conference camera COMREON® Compactbar™ CR400

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

Our CR400 adopts a compact integrated design and integrates powerful audio and video 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, CR400 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 meter 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 Windows7, Windows10, Mac OS 10.10 or higher systems, suitable for mainstream cloud video platforms, including but not limited to the following: Microsoft Teams, Skype for Business, Zoom Room and Zoom clients, Tencent conference, DingTalk , Huawei Cloud WeLink, etc.

Technical Specifications

Camera Parameter		
Camera	Sensor	8megapixel high quality CMOS sensor
	View Angle	120° undistorted lens
	Digital Zoom	5X
	Video Output	Maximum output 4K image
	AI Intelligent framing	face detection & sound source localization & voice tracking
Audio	Microphone type	6 digital array microphones
	Pickup distance	6m
	Audio processing	AEC & AGC & ANS & sound source localization
	Speaker	2*7W
Controller	Remote control	Infrared remote control
Interface	USB Interface	1*USB3.0, Type B
	Audio Interface	1*3.5mm linear output
	Power Interface	HEC3800 outlet(DC12V)
	Bracket	Wall mounting

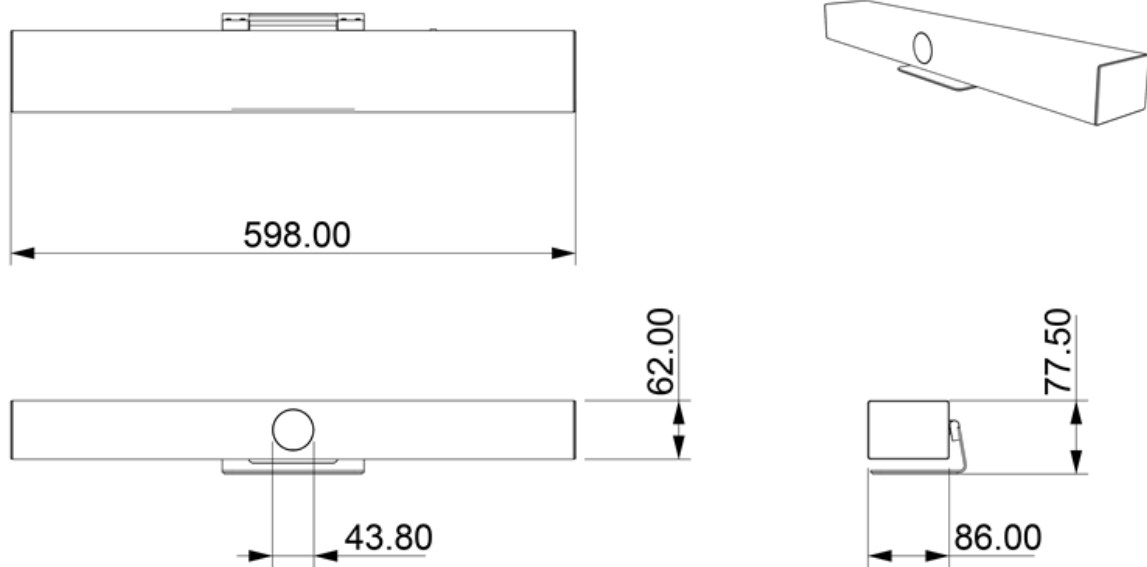


CR400 Camera Side view



Camera Back view

Dimension (unit:mm)



Screenshot: Camera Video Quality

