

COMREON®

# CR460

Intelligent 4K All-in-one Video Bar



Ultra HD



Ultra Wide  
FOV



Auto Privacy  
Cover



6 Array  
Mics



Extension Mics



Dual Speaker



Auto  
Framing



Speaker  
Tracking

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# Compactbar™ Colors

■ white



■ Black



# COMREON<sup>®</sup>

## All-in-one Design

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Integrating camera, microphone and speaker, CR460 transform your meetings into easier.

With multiple AI algorithm and powerful compatibility, CR460 boost your meetings efficiency.



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## Capture Details in 4K Ultra HD

8 million high quality CMOS image sensor empower camera to deliver 4K image

Crystal-clear image and smooth video make the virtual meeting as if face-to-face communication.



4K Ultra HD



8 M Pixels



Digital NR

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120°

**Ultra Wide FOV, See Every Detail**

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With 120° undistorted lens, every person at the table is seen perfectly with  
no adjustment.

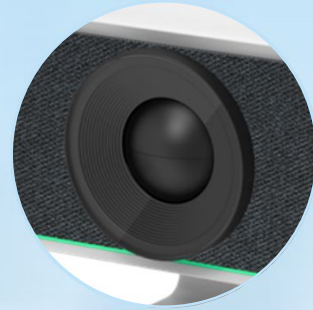
COMREON<sup>®</sup>


## Automatic Privacy Cover

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Automatic privacy cover keep your sensitive information safe from prying

Turn on when  
image output 



 Turn off when no  
image output



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## 6 Meters Audio Range, Full-Duplex Communication

Linear mics array composed of 6 advanced MEMS mics make the voice tracking amazing

Leading 3A audio algorithm make virtual communication crystal clear



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## Cascading Extension Mics

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Equipped with RJ45 extension mic port

Supporting for multiple extension mics





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## Dual 10W HiFi Speakers

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Built in dual 10W stereo speakers

Ensure everyone hear and is heard clearly, near or far.



## AI Algorithm Make Perfect Frame

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With many auto framing technology like face detection, voice localization, and voice tracking, the frame can be adjusted according to the participants' number and position to resent the perfect frame.

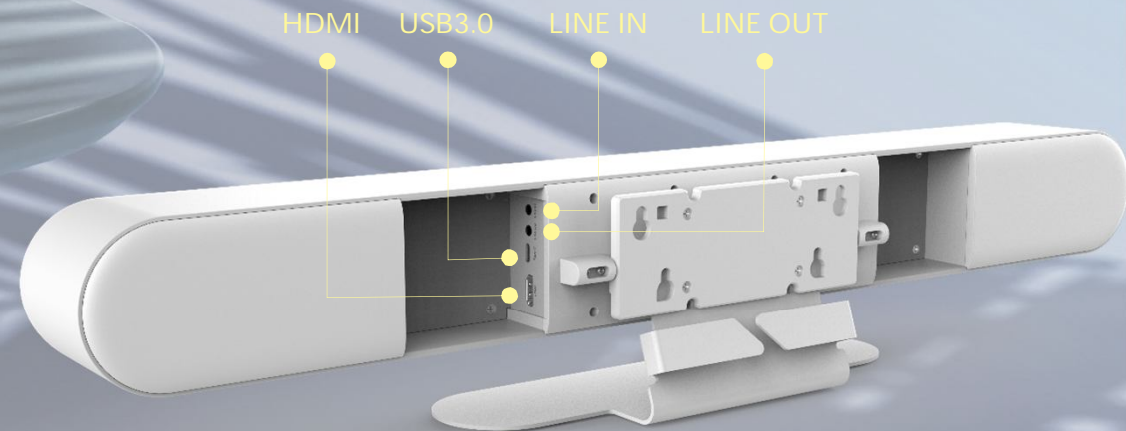
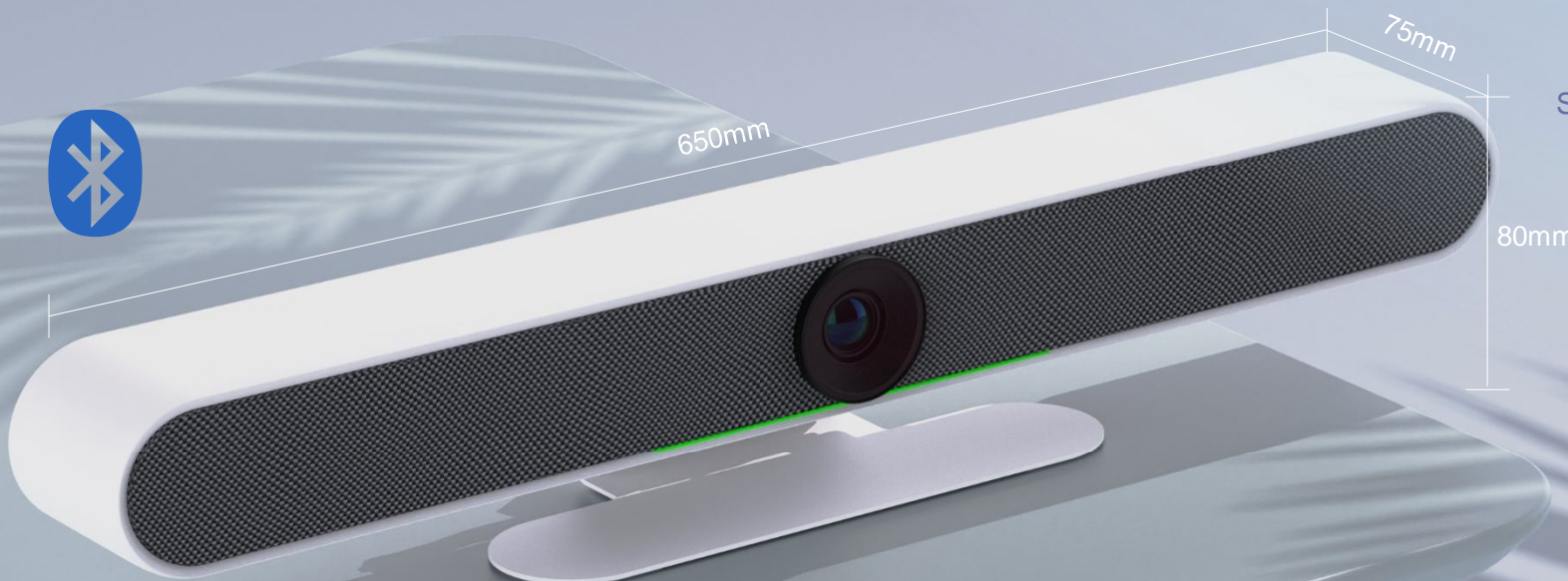


# COMREON®

## Plug-and-Play to Start Efficient Meeting

Connecting to multiple devices, plug-and-play to start efficient  
with ease.

Support Bluetooth 5.0, can be used as Bluetooth Mic and speaker  
through Bluetooth connection



## Connect to External Audio Device

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Support Line In/Out serial port

Through a 3.5mm audio cable, CR460 can connect to external audio devices, like mics and speaker.



## Technical Specification

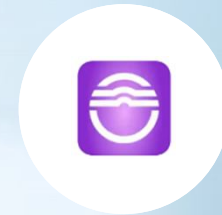
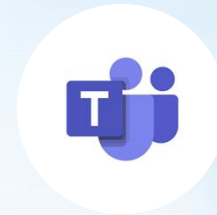
Module	Function	Description	Module	Function	Description	
Camera	FOV	120° (D) /106° (H) / 72° (V)	Audio	Microphone	Mics Quantity	6*MEMS Mics
	Iris	F2.0			Audio Range	6 Meters
	Focal Length	1.89mm			Frequency Response	120 Hz–16 kHz Frequency Response
	Image Sensor	High quality CMOS sensor, effective pixel 8 million, 16:9		Speaker	Quantity	Built-in dual speaker
	Minimum Illumination	0.5Lux			Power	2*10W
	Digital NR	2D & 3D			Output Audio Pressure	80±3 dB 1.0M/1.0W
	Focus	Auto/Manual			Frequency Response	100 Hz-20 KHz frequency response
	Exposure	Parameter can be adjusted, support for auto exposure	Audio Processing	AEC、AGC、ANS		
	Video Adjustment	Brightness, sharpness, saturation, contrast, white balance, gain, anti-flicker, low brightness compensation and other parameters can be adjusted	Physical Interface	USB	USB3.0 audio output interface. USB3.0	
	SNR	≥50dB		HDMI	HDMI Video Input Interface	
	Video Formats	HDMI: 4KP30,1080P60 downward compatibility USB: 4KP30,1080P60 downward compatibility		LINE IN	3.5mm audio linear input interface (When connecting to external audio pickup, audio input will automatically switch into external audio pickup)	
	Video Compression Format	MJPEG、YUY2、H.264、H.265、NV12		LINE OUT	3.5mm line output, can be connected to external speakers(When an external speaker is connected, the audio output is automatically switched to the external speaker)	
Privacy Cover	Automatic privacy cover and turn on when image output and turn off when no image	Extension Mics		RJ45 port can connect expansion microphone		
Group Framing	Face Detection	Power Port		HEC3800 power socket (DC12V)		
AI Function	Speaker Tracking	Voice Localization, Voice Tracking	Other Parameters	Bluetooth 5.0	Yes	
				Bar-shaped Indicator	While displaying the working status, it can also be lit according to the speaker's voice angle.	
				Remote Control	IR Remote Control	
				Operation system	Windows 7、Windows 8、Windows 10、Mac OS X、Linux、Android	
				Power supply method	Power Adapter	

## Powerful Compatibility and Flexibility

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Compatible with Window 7, Window 8, Window 10, Mac OS X, Linux, Android and other systems.

Suitable to popular AV platforms, get started remote communication with ease



## Wide Application, Multiple Purposes

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Suitable for small-and-medium conference room



**Video Conference**



**Online Communication**



**Remote Education**



**Distance Healthcare**

## Bracket for Installation



Bracket

