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HV-48

Intelligent 4K All-in-one Video Bar

4K Ultra HD
Ultra HD

120°
Ultra Wide FOV

Auto Privacy Cover

6m
6 Array Mics

Extension Mics

2*10W
Dual Speaker

Auto Framing

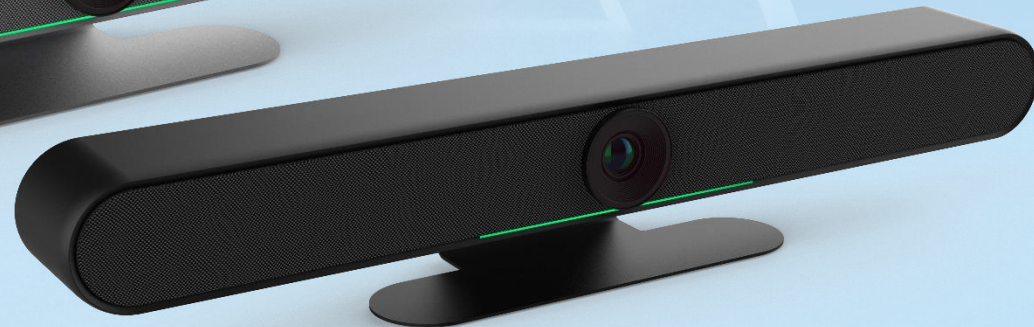Speaker Tracking

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3 Optional Colors

White

Grey

Black

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All-in-one Design

Integrating camera, microphone and speaker, HV-48 transform your meetings into easier.

With multiple AI algorithm and powerful compatibility, HV-48 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
4K Ultra HD

8 M Pixels

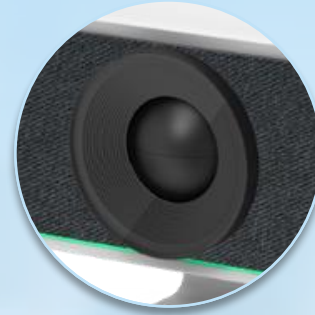**2D/3D**
Digital NR

120°

Ultra Wide FOV, See Every Detail

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

Automatic Privacy Cover

Automatic privacy cover keep your sensitive information safe from prying

Turn on when image output

Turn off when no image output

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

Cascading Extension Mics

Equipped with RJ45 extension mic port

Supporting for multiple extension mics

Dual 10W HiFi Speakers

Built in dual 10W stereo speakers

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

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AI Algorithm Make Perfect Frame

With many auto framing technology like face detection, voice localization, and voice tracking, the frame can be adjusted according to the

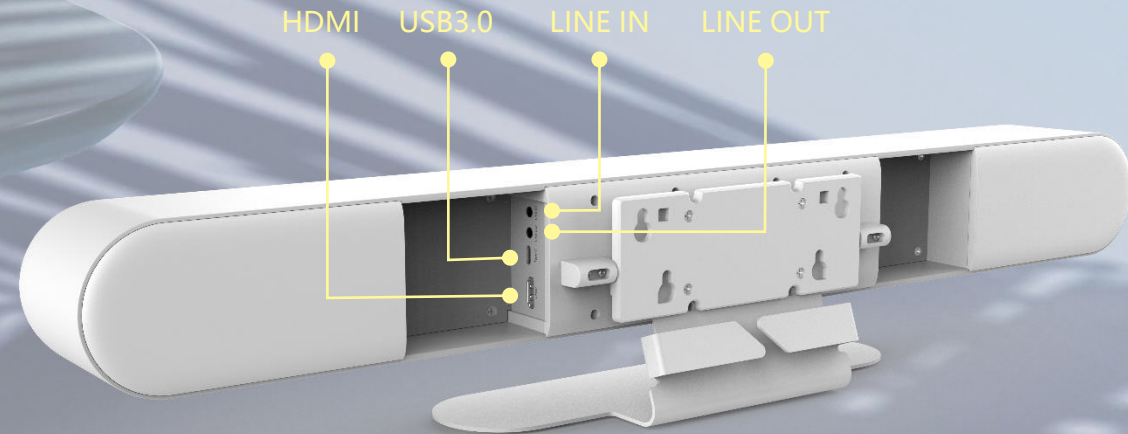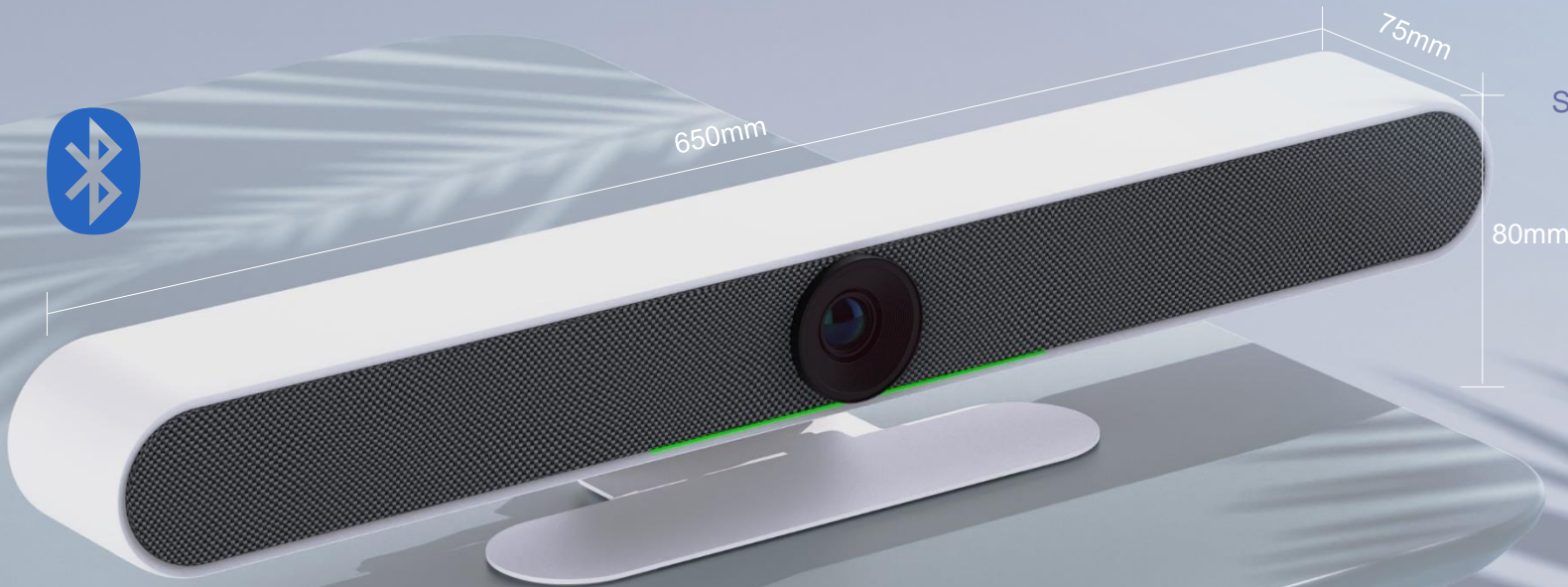participants' number and position to resent the perfect frame.

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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

75mm

650mm

80mm

HDMI   USB3.0   LINE IN   LINE OUT

Connect to External Audio Device

Support Line In/Out serial port

Through a 3.5mm audio cable, VC460 can connect to external audio devices, like mics and speaker.
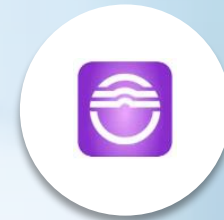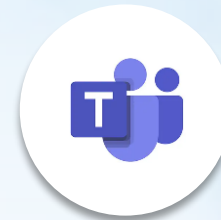
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Technical Specification

Module	Function	Description	
Camera	FOV	120°（D）/106°（H）/ 72°（V）	
	Iris	F2.0	
	Focal Length	1.89mm	
	Image Sensor	High quality CMOS sensor, effective pixel 8 million, 16:9	
	Minimum Illumination	0.5Lux	
	Digital NR	2D & 3D	
	Focus	Auto/Manual	
	Exposure	Parameter can be adjusted, support for auto exposure	
	Video Adjustment	Brightness, sharpness, saturation, contrast, white balance, gain, anti-flicker, low brightness compensation and other parameters can be adjusted	
	SNR	≥50dB	
	Video Formats	HDMI：4KP30,1080P60 downward compatibility USB：4KP30,1080P60 downward compatibility	
	Video Compression Format	MJPEG、YUY2、H.264、H.265、NV12	
	Privacy Cover	Automatic privacy cover and turn on when image output and turn off when no image	
AI Function	Group Framing	Face Detection	
	Speaker Tracking	Voice Localization, Voice Tracking	

Module	Function	Description	
Audio	Microphone	Mics Quantity	6*MEMS Mics
		Audio Range	6 Meters
		Frequency Response	120 Hz–16 kHz Frequency Response
	Speaker	Quantity	Built-in dual speaker
		Power	2*10W
		Output Audio Pressure	80±3 dB 1.0M/1.0W
		Frequency Response	100 Hz-20 KHz frequency response
	Audio Processing	AEC、AGC、ANS	
Physical Interface	USB	USB3.0 audio output interface. USB3.0	
	HDMI	HDMI Video Input Interface	
	LINE IN	3.5mm audio linear input interface (When connecting to external audio pickup, audio input will automatically switch into external audio pickup)	
	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)	
	Extension Mics	RJ45 port can connect expansion microphone	
	Power Port	HEC3800 power socket（DC12V)	
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	

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Powerful Compatibility and Flexibility

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

Suitable for small-and-medium conference room

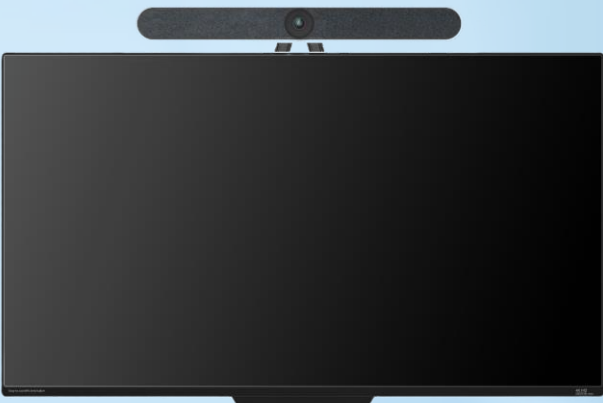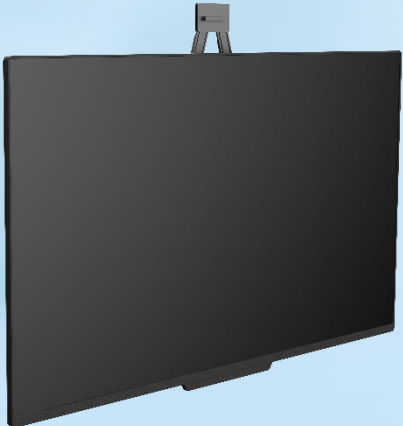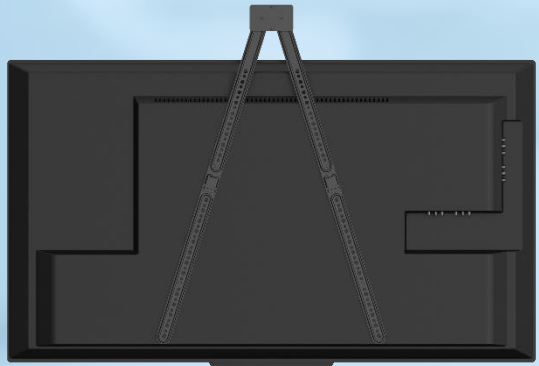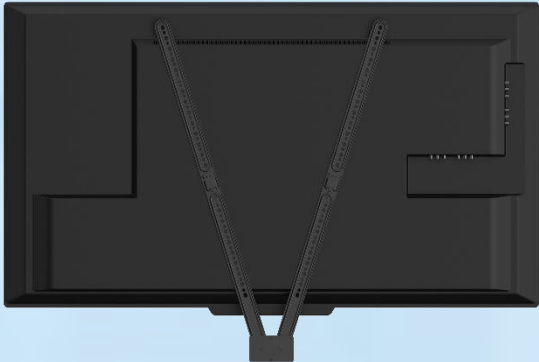**Video Conference**　　　**Online Communication**　　　**Remote Education**　　　**Distance Healthcare**

HV-MK Bracket for Installation

HV-MK Bracket

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