

CVC601

4K Video Bar



UHD



Wide view
angle



Privacy
Cover



6-microphone
array



Expand
microphone



Dual
speakers



Auto
Framing



Voice
Tracking



Integrated Design

Gathering powerful audio and video functions, integrating cameras, microphones, and speakers to simplify conference deployment.

Integrating multiple AI intelligent algorithms to make meetings more efficient and intelligent.



Ultra Clear Camera, Presenting Every Detail Clearly

Using 8 million high-quality CMOS image sensors, supporting 4K image output.

Providing top-notch clarity and resolution image quality, remote meetings feel like face-to-face



4K UHD



8 million effective pixel



Digital Noise Reduction





120°

**Ultra wide field of view, panoramic
view of the grand scene**

Featuring a 120 ° ultra large angle lens with no distortion, no need to adjust the lens position

All attendees have a panoramic view, easily covering every corner of the conference room

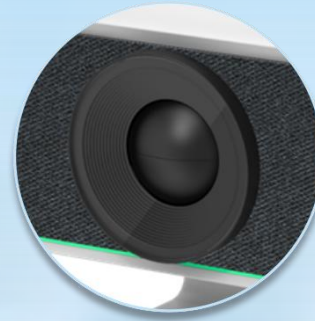


Fully Automatic Privacy Cover Design

Comes with a fully automatic lens privacy protection cover

Ensure privacy and security

Automatically turn on when outputting the screen



Automatically turn off when not outputting on screen



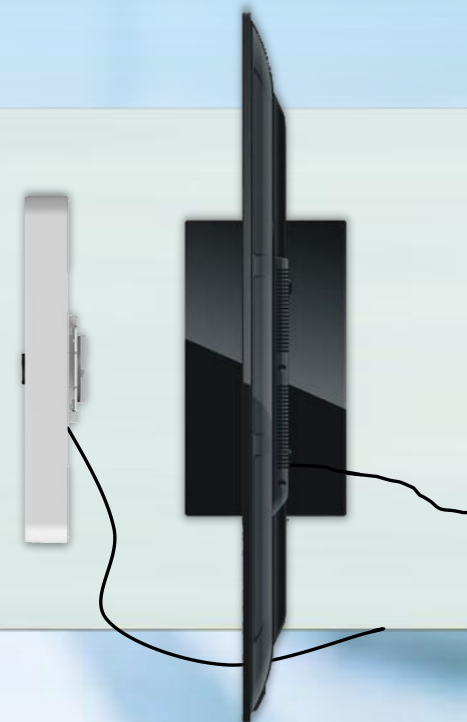


Long distance pickup, full duplex call experience

Linear microphone array composed of 6 MEMS microphones, achieving 6-meter long pickup distance.

Combined with advanced 3A audio algorithms and speech orientation technology, directional pickup is

clearer, making communication across screens as close as one's ear



Support cascading expansion microphone

Equipped with RJ45 extension microphone port, supporting cascading multiple extension microphones VC234.

At any time, according to the needs of the meeting, it is possible to significantly expand the sound pickup space and number of attendees in the venue



Dual 10W high fidelity speakers

Built in dual 10W stereo high-quality dual speakers

Ensure that every participant can clearly listen to the real sound from afar,
providing an extraordinary listening experience



With AI algorithms, the speech is in position C

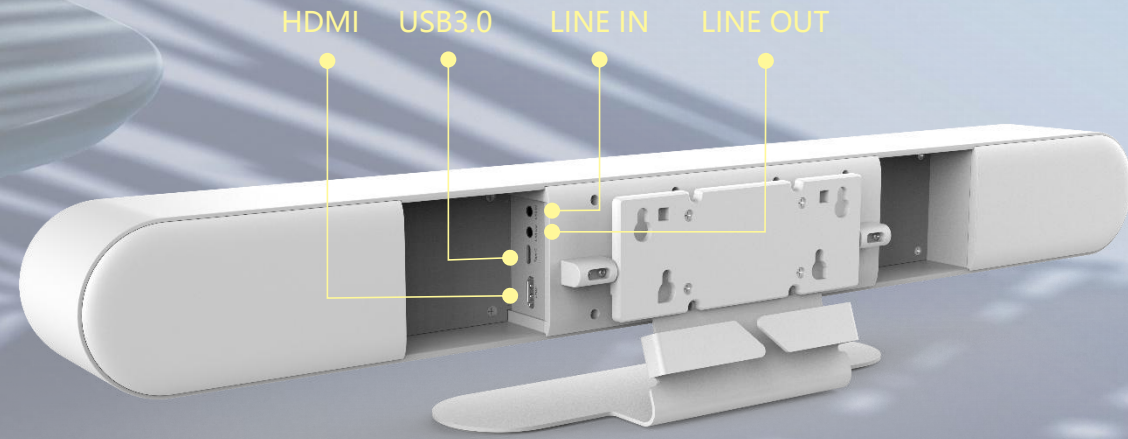
Integrating multiple AI intelligent framing technologies such as facial detection, sound source localization, and voice tracking, Auto Framing can automatically adjust the screen size according to changes in the number and position of attendees, presenting the best framing. With intelligent voice tracking, it tracks every speaker in real time, ensuring that the speaker is in the center of the screen in real time.



Rich interfaces and multiple connection methods



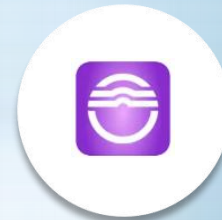
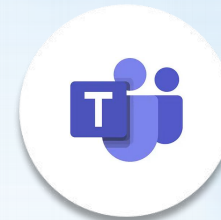
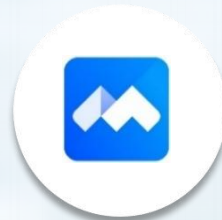
USB plug and play to enable efficient meetings, supports Bluetooth 5.0, connect to mobile phone or other devices through Bluetooth. Rich audio and video input and output interfaces connect and expand other audio and video devices



Fully compatible, flexible and versatile

Compatible with operating systems such as Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android, etc

Suitable for mainstream cloud video platforms, easily enabling remote communication




Specification



	Function	Description	
	FOV	120° (D) /106° (H) /72° (V)	
	Iris	F2.0	
	Focal Length	1.89mm	
	Sensor	High quality CMOS sensor, effective pixel 8 million, 16:9	
	Minimum Illumination	0.5Lux	
	DNR	2D & 3D	
	Focus	Auto/Manual	
	Exposure	Parameter can be adjusted, and AE(Auto Exposure) is available	
	Video Adjustment	Brightness, sharpness, saturation, contrast, white balance, gain, anti-flicker, low brightness compensation and other parameters can be adjusted	
	SNR	≥50dB	
	Video Format	HDMI: 4KP30,1080P30 compatible downward USB: 4KP30,1080P30 compatible downward	
	Video Compression Format	MJPEG, YUY2, H.264, H.265, NV12	
	Privacy Cover	Automatic privacy cover will close when no image output and open when there are image output.	
	AI Function	Auto Framing	Face detection
Voice Tracking		Sound source localization and voice tracking	
	Function	Description	
Audio	Microphone	Microphone	6 X MEMS Microphones
		Pickup Distance	6 meters
		Frequency Response	120 Hz–16 kHz
	Speaker	Speaker	Built in dual speaker
		Voltage	2*10W
		Output Voice Pressure	80±3 dB 1.0M/1.0W
		Frequency Response	100 Hz-20 KHz
Audio Processing	AEC、AGC、ANS		
Physical Interfaces	USB	USB3.0 audio video output interface, Type C	
	HDMI	HDMI video output interface	
	LINE IN	3.5mm audio line input interface (when an external pickup is connected, the audio input is automatically switched to the external pickup)	
	LINE OUT	3.5mm line output, can be connected to external speakers (when connecting to external speakers, the audio output will automatically switch to external speakers)	
	Expansion Mic Interface	RJ45 interface, able to connect to expansion microphone.	
	Power Interface	HEC3800 power socket (DC12V), input AC110V-AC220V output DC12V/2.5A	
	Others	Bluetooth 5.0	Support
Bar indicator light		At the same time as displaying the working status, it can also light up corresponding to the speaker's voice angle	
Controller		Infrared remote controller	
Supporting operating systems		Windows 7、Windows 8、Windows 10、Mac OS X、Linux、Android	
Power supply mode		Power adapter power supply	

(Option) Expansion Microphone - M234

	Control	Key control	
		Infrared transmission control	controlled by commands transmitted from CVC460
M234	Appearance		
		Size	132mm × 132mm × 31mm
	Microphone	Microphone type	electret condenser microphone
		Pickup distance	3m pickup distance
		Frequency response	120 Hz – 16 kHz frequency response
	Interface	Output port	RJ45 port, connected to VC460
		Cascade port	Support 10m transmission
	Key	No wheat button	RJ45 port, which can realize the cascade of multiple extended microphones
	Indicator light	Key light	Disable/enable the microphone function, and synchronize the microphone ban function of VC460
		Logo light	Microphone disable red light, microphone enable green light



Multi-application

Suitable for small and medium-sized conference rooms



Video Conference



Video Call



Distance Learning



Medical Exchanges

