

## 4K All-in-One USB Video Bar

4K USB video bar, microphone, speaker and camera all-in-one design, equipped with high quality 4K CMOS sensor, impressive video and audio performance, plug and play, minimal configuration, provide high quality A/V experiences for conferencing.



4K 30fps    Voice Tracking    Smart Gallery    Auto Framing    121° Wide FOV    POE+    Built-in Microphone (6m pickup)    Built-in Speaker



## Key Features

- 4K Ultra HD**  
 Use a high -quality 1/2.5 inches UHD CMOS sensor with 8.51 million pixels. Support max 4K30fps image output and multiple lower resolutions like 1080p/720p.
- Integrated Design**  
 The three-in-one design incorporating the 4K UHD camera, the beamforming microphone and the full-frequency speaker helps reduce wiring and makes available easy video communication.
- 5x Zoom Lens + Wide FOV**  
 121 ° wide FOV (110 ° horizontal FOV), and 5x zoom; optical lenses tailored for video conferences; built-in electric tripod head horizontal and pitch  $\pm 15^\circ$ ; easier for participants to be videoed.
- Powerful AI**  
 Auto Framing, Voice Tracking, Smart Gallery.  
 Built-in intelligent analysis algorithm, voice recognition, participants automatic frame selection, speaker automatic tracking and switching speaker screen to ensure that the speaker is always clear in the screen.
- Beamforming Microphone**  
 Built-in beamforming (BF) microphone, pickup distance is 6m; the low- distortion transverse beamforming algorithm guides the microphone to speaker for better sound effect and make communication more clear, full and true.
- Full-frequency Speaker**  
 The acoustically designed high-fidelity speaker minimizes interference and offers extraordinary sound effects.
- Easy to Deploy**  
 Flexible installation such as desktop, wall-mount, and TV/display mount are available for quick install and deploy in a crowded conference room.
- PnP**  
 Connection to PCs or commercial large screens is realized through PnP USB ports; the out-of-the-box mechanism helps reduce wiring and offers easy-to-handle video communication, thereby lowering the user thresholds.
- Audio 3A Algorithm**  
 The built-in audio 3A algorithm (AEC/AGC/ANS) and full-duplex mode meet the communication requirements of various rooms; people who sit at the conference table, sit or stand next to you can talk comfortably and clearly.
- Speaker Phone**  
 Mobile phones and other devices can connect to device via Bluetooth and use it as Bluetooth microphone and speaker, and to connect phone calls to audio and video conferences.
- Bluetooth 5.0**  
 Using Bluetooth 5.0 technology, compared with previous generation technology, the transmission speed is increased by 2 times, and the transmission distance is increased by 4 times. Better transmit the high-quality audio between mobile phone and tablet devices to achieve the wireless Bluetooth streaming.
- Rich Interfaces**  
 HDMI 1.4b and USB3.0, LAN supported; simultaneous output of UHD audios and videos is available.

## Technical Specification

Model	CVC4KBar Pro
<b>Camera Specification</b>	
Sensor	1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels
Lens	121° (DFOV), 110° (HFOV), 75° (VFOV), 5x zoom, Horizontal/pitch ±15°
PTZ	Mechanical PTZ (MPT) + e-PTZ (EPTZ)
Signal System	4KP30, 1080P30, 720P30 etc.
AI Feature	Auto Framing, Voice Tracking, Smart Gallery
PoE	Support
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Backlight Compensation	Support
WDR	OFF/ Dynamic level adjustment
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>55dB
<b>Audio Features</b>	
Full-frequency Speaker	96 dB SPL at 0.5 m
Microphone Array	Beamforming microphone with 6m pickup distance
Expansion MIC	Support (Optional)
<b>Input/Output Interface</b>	
Interfaces	USB 2.0, USB3.0, HDMI, LAN
Video Output Interfaces	USB, HDMI, LAN
Network Interface	1 × RJ45:10M/100M adaptive Ethernet (Optional)
USB Interface	1 × USB3.0, Type-C ; 1 × USB2.0,Type-A
Bluetooth	5.0
<b>USB Specification</b>	
Type of Connection	USB 3.0, downward compatible with USB 2.0
Color System / Compression	YUY2 / MJPEG
USB Audio	32K sampling rate, UAC 1.0 support
USB Video Communication Protocol	UVC 1.1
UAC	Support
UVC PTZ Control	Support (ePTZ)
<b>Other Specification</b>	
Input Voltage	DC 12V /PoE (802.3at)
Input Current	2A (Max.)

Operating Temperature	0° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Net Weight	2.5kg
Dimension	601mm (W) × 141mm (D) × 115mm (H) (with bracket)
Installation Method	Support desktop placement, wallmounting and TV mounting etc.
Supplied Cables	USB Cable
Safety Protection	Anti-theft lock

## Interface Picture:

