

EM1002 All in one video bar

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FEATUES

● Framing and Tracking

Specially designed for small and medium-sized meeting rooms, especially for huddle room with 4 to 6 people, to help enterprises re-tap the potential of using the small and micro meeting space inside. On one hand, it can hold meetings more efficiently, on the other hand, it can also save the rental cost. Convenient for small and medium-sized enterprises to conduct daily business negotiation and team cooperation in different places flexibly, so as to create a relaxed, free and smooth conversation environment, make decisions quickly and improve efficiency.

● All-in-one design

Three-in-one design of 4K ultra HD camera, beamforming microphone and full-frequency loudspeaker reduce wiring and make video communication easier. 4K UHD Using 1/2.5 inch, 8.51M pixel high quality UHD CMOS sensor, 4K (3840x2160) ultra high resolution clear image, and downward compatible with 1080P, 720P and other resolutions. Can meet the needs of users for different video experiences, and can provide clear, real, smooth and accurate communication. Wide FoV 121° wide field of view (110° horizontal field of view), 5 times zoom, optical lens customized for the conference scene, built-in electric head (horizontal and pitch $\pm 15^\circ$ motion range), no need to worry about the camera position, participants can easily enter the scene clearly.

● Beamforming microphone

Beam Forming (BF) microphone is built in, with a pickup distance of 6 meters. Low-distortion transverse beamforming algorithm can direct the microphone directly to the speaker, with better sound, clearer communication, fuller and more authentic. Audio 3A algorithm, Built-in audio 3A algorithm (AEC/AGC/ANS), full duplex dialogue, can meet the communication needs of different room structures, whether sitting at a conference table, sitting against the wall or standing, can have comfortable experience for calling. Full frequency speaker Full frequency Hi-Fi loudspeaker, professional acoustics design, reduce noise interference, provide outstanding sound effect.



SPECIFICATION

Main Features

Uncompressed HDMI: 4K30P, 1080P30, 720P30 etc

Professionally

video output

Sensor 1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels

Optical Lens 121° (DFOV), 110° (HFOV), 75° (VFOV), 5x zoom

Horizontal/pitch $\pm 15^\circ$

PTZ Mechanical PTZ (MPT) + e-PTZ (EPTZ)

Digital Noise Reduction 2D & 3D Digital Noise Reduction

SNR	≥ 55dB
Backlight Compensation	Support
Audio Features	
Full-Frequency Speaker	96 dB SPL at 0.5 m
Microphone Array	Beamforming microphone with 6m pickup distance
Expansion MIC	Support (Optional)
Interfaces	
HD Output	1 x HDMI, Version 1.4b
USB Interface	1 x USB3.0, Type C; 1 x USB2.0, Type A
Wireless	Bluetooth data communication(Bluetooth 5.0)
USB Features	
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	UVC 1.1
Communication	
Protocol	
UVC PTZ Control	Support
Others	
Installation Method	Support desktop placement, wall-mounting and TV-mounting etc.
Supplied Cables	USB Cable
Safety Protection	Anti-theft lock
General Specifications	
Power Supply	DC 12V, 2A (Max.)
Operating Temperature	0° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Dimension	600mm x 115mm x 135mm (with bracket)
Net weight	2.5 Kg