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EGE-CM4K-A
4K VideoBar



Main Features

● **Applicable Scene**

It is specially design for small and medium-size meeting rooms, for the Huddle Room with 4 to 6 person, to help enterprises re-tap the potential of using the small and micro meeting space inside.

● **Product Value**

It is convenient for small and medium-sized enterprise to conduct daily business negotiation and team cooperation in different places flexibly, so as to create a relaxed, free and smooth conversation environment, make decision quickly and improve efficiency.

● **All-in-one Design**

The three-in-one design of 4K ultra HD camera, beamforming microphone and full-frequency loudspeaker reduces wiring and makes video video communication easy.

● **4K UHD**

Using 1/2.5 inch 8.51M pixel high quality UHD CMOS sensor, 4K (3840x2160) @60fps ultra high resolution clear image, and downward compatible with 1080p, 720p and other resolutions. Can meet the needs of users different video experiences, and can provide clearer, real, smooth and accurate communication.

● **Wide FoV**

121°wide field of view (110° horizontal field of view), 5x optical zoom lens customized for the conference scenes, built-in electric head (horizontal and pitch ±15° motion range), participants can easily enter the scene clearly.

● **Beamforming Microphone**

Beam Forming (BF) microphone is built in, with a pick up 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 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.

● **Plug and Play Type**

Through plug and play USB interface connect with the computer or business display screen, very easy to use. Less wiring convenient video communication, reduce the user's learning cost.

● **Intelligent Analysis**

Built-in intelligent analysis algorithm, listening to the speaker position, automatic framing of participants automatic tracking of speakers, switching the speaker screen to ensure that the speaker is always clearly in the picture.

● **Rich Interface**

Support HDMI 2.0 and USB 3.0 audio video output simultaneously.

● **Easy Installation**

Flexible installation options such as countertops, walls, and TV/ display screens are available for quick installation and deployment in a crowded meeting room.

| | |
|---|---|
| Model | EGE-CMK4-A |
| Name | 4K VideoBar |
| Camera | |
| Video System | 4K@60fps, 4K@30fps, 1080p@30fps, 1080p@60fps, 720p@60fps, 720@30fps, |
| Sensor | 1/2.5 inch, CMOS, 8.51M pixel, |
| Lens | 120° (DFOV), 110° (HFOV), 5x optical zoom, pan/tilt ±15° |
| PTZ | MPT + EPTZ |
| Digital Noise Reduction | 2D&3D digital noise reduction |
| Video S/N | ≥55dB |
| Backlight Compensation | Support |
| Audio | |
| Full Frequency Speaker | 96 dB SPL in the case of 0.5 meter |
| Microphone Array | Beamforming microphone, pick up distance up to 6 meters |
| External MIC | Support (Optional, Extral Cost) |
| USB Features | |
| Conneciton Type | USB 3.0, downward compatible with USB 2.0 |
| Video Compression | H.264 / MJPEG / YUY2 / NV12 |
| USB Audio | 32K sampling rate, support UAC2.0 |
| USB Video Communication Protocol | UVC 1.1 ~ 1.5 |
| UVC PTZ Control | Support |
| System Compatibility | |
| OS | Windows 7 (only 1080p and below), Windows 8.1, Windows 10 or higher MacOS® 10.10 or higher Google Chromebook™ Version 29.0.1547.70 or higher Linux (requires support for UVC) Android |
| Hardware Platform | 2.4 GHz Intel® Core 2™ Duo processor or higher 2 GB of memory or higher USB 2.0 interface (4K video output need USB 3.0 interface) |
| Input/Output Interface | |
| HD Output | 1 * HDMI 2.0; |
| USB Interface | 1 * USB 3.0, Type C; 1 * USB 2.0, Type A; |
| Wireless | BT (optional, external cost) |
| Power Jack | DC 12 |

| Others | |
|-------------------------------------|--|
| Control Mode | 2.4G Remote Controller |
| Installation Mode | Support for desktop, wall, TV, and other installation options |
| Standard Cable | USB3.0 (2 meters) |
| Safety Production | Security lock jack |
| Generic Specification | |
| Remote | 2.4G Remote Controller |
| Operating Temperature | 0°C ~ 40°C |
| Storage Temperature | -40°C ~ 60°C |
| Size | 600mm * 140mm * 115 mm (holder included) |
| Net Weight | 2.5 Kg |
| Certification | |
| Certification | CCC, CE, RoHS, FCC, etc. |
| Certified Client application | Skype for business Compatible with Cisco (Jabber) Cortana |
| Adaptable Application | LCP (Zoom, Bluejeans, Broadsoft, Starleaf, Pexip, Vidy) and all UVC application (Google Hangout, Go to Meeting etc.) |



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