EM1002 All in one video bar

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FEATUES

The Edis EM1002 All in one video bar Specially designed for small and medium-sized conference rooms, especially suitable for dense meeting rooms with 4-6 people. The three-in-one design of 4K ultra HD camera, beamforming microphone and full-frequency speaker reduces wiring and makes video communication more convenient. The 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. Wide field of view 121° Wide field of view (110° horizontal field of view), 5x zoom, customized optical lens for the conference site, built-in switch (horizontal and pitch ±15° range of motion), no need to worry about camera position, participants can easily and clearly enter the scene. Built-in beamforming (BF) microphone with pickup distance of 6m. Low distortion horizontal beamforming algorithm that points microphone directly to speaker for better sound, clearer communication, more integrity, and more authenticity. 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, you can have a comfortable call experience. Full frequency high fidelity speaker, professional sound design, reduce noise interference, provide excellent sound effect.

CAMERA

Video System	4K@30fps, 1080P@60fps/30fps, 720P@60fps/30fps, etc.
Sensor	1/2.5 inch, CMOS, 8.51M pixel
Lens	121° (DFOV)，110° (HFOV)，5x zoom，pan/tilt ±15°
PTZ	MPT + EPTZ
Digital Noise Reduction	2D&3D digital noise reduction
Video S/N	≥55dB
Backlight Compensation	Support

GENERIC SPECIFICATION

Power Jack	DC 12V, 2A(MAX)
Operating Temperatur	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Size	600mm * 135mm * 117mm
Net Weight	2.5 Kg
Power Jack	DC 12V, 2A(MAX)

USB FEATURES

Connection type	USB 3.0，downward compatible with USB2.0
Video Compression	H.264 / MJPEG /YUY2 /NV12
USB audio	32K sampling rate, support

OTHERS

Installation mode	Support for desktop, wall, TV, and other installation options
Standard cable	USB3.0
Safety protection	Security lock jack

	UAC1.0
USB video communication protocol	UVC 1.1
UVC PTZ contro	Support
Connection type	USB 3.0，downward compatible with USB2.0

INPUT/OUTPUT INTERFACE

HD output	1 * HDMI , version 1.4b ;
USB interface	1 * USB3.0, Type C ; 1 * USB2.0, Type A ;
Bluetooth	Bluetooth 5.0

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

SYSTEM COMPATIBILITY

OS	Windows 7 (only 1080p and below), Windows 8.1, Windows 10 or higher macOS ® 10.10 or higher Google Chromebook TM Version 29.0.1547.70 or higher Linux (requires support for UVC) Android
Hardware platform	2.4 GHz Intel ® Core 2 TM Duo processor or higher 2 GB of memory or higher USB 2.0 interface (4K video output need USB 3.0 interface)