M1000B （Video Soundbar）

4K UHD Integrated USB Camera

4K / 6m Pickup Distance / Hi-Fi Speaker

▲ Product Features

● Application
It's designed for small and medium-sized conference rooms, especially huddle rooms with 4-6 people, and to help enterprises tap the potential of internal small and mini-sized conference rooms to hold conferences more efficiently and cut lease cost.

● Value
Convenient for small and medium-sized enterprises to flexibly carry out daily business talks and team collaboration remotely; creating relaxed, free and smooth communication for quick decision-making and efficiency improvement.

● Integration 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.

● 4K UHD
1/2.5-inch UHD CMOS sensor with 8.51 megapixels offers 4K (3840x2160)@30fps UHD images, downward compatible with various resolutions such as 1080P and 720P to meet users' needs for different video experiences.

● Wide FOV
121° wide FOV (110° horizontal FOV), and 5x zoom; optical lenses tailored for video conferences; built-in electric tripod head (range of motion: horizontal and pitch ±15°); easier for participants to be videoed.

● Abundant Interfaces
HDMI 1.4b and USB3.0 supported; simultaneous output of UHD audios and videos is available.

● Easy to Deploy
Installation options like desktop, wall-mounted, TV/display-mounted are available, so it's easier to quickly install and deploy in crowded conference rooms.

● Beamforming Microphone
The built-in beamforming (BF) microphone has a pickup distance of 6 m; the low-distortion transverse beamforming algorithm directs the microphone to the speaker for better sound effect and clearer and better communication.

● 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.

● Full-Frequency Speaker
The acoustically designed high-fidelity speaker minimizes interference and offers extraordinary sound effects.

● 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.

● Speaker Phone
Mobile phones and other devices can connect to this device via Bluetooth and use it as Bluetooth microphone and loudspeaker, and to connect phone calls to audio and video conferences.

● Intelligent Analysis
The built-in intelligent analysis algorithm, the sound-driven positioning, the automatic box selection of participants, the automatic tracking of speaker, and the switching of speaker's screen ensure the speaker is always clearly in the picture.

● Bluetooth 5.0
The transmission speed and distance of Bluetooth 5.0 are increased by 2 times and 4 times respectively, compared with the previous-generation technology; better audios are transmitted between mobile phones/tablets wirelessly via Bluetooth.

▲ Product Specifications

▌Camera

Video Resolution	4K/30, 1080P/30, 720P/30 etc
Sensor	1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels
Optical Lens	121° (DFOV), 110° (HFOV), 75° (VFOV), 5x zoom Horizontal/pitch ±15°
Tripod Head	Mechanical PTZ (MPT) + e-PTZ (EPTZ)
Digital Noise Reduction	2D & 3D Digital Noise Reduction
S/N Ratio	≥ 55dB
Backlight Compensation	Support

▌Audio

Full-Frequency Speaker	96 dB SPL at 0.5 m
Microphone Array	Beamforming microphone with a pickup distance of 6 m
Expansion MIC	Support (Optional)

▌USB Features

Type of Connection	USB 3.0, backward compatible with USB 2.0
Color System / Compression	H.264 / MJPEG /YUY2 /NV12
USB Audio	32K sampling rate, UAC1.0 support
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support

▌I/O Interface

HD Output	1 x HDMI, Version 1.4b
Network Interface	1 x RJ45: 10M/100M adaptive Ethernet (Optional)
USB Interface	1 x USB3.0, Type C; 1 x USB2.0, Type A
Wireless	Bluetooth data communication (Bluetooth 5.0)

▌Other

Installation Method	A variety of installation options supported, including desktop placement, wall mounting, installation with wall-mounted TV, etc.
Supplied Cables	USB Cable
Safety Protection	Kensington Lock

▌General Specifications

Power Supply	DC 12V, 2A (Max.)
Operating Temperature	0° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Dimensions	601mm x 141mm x 115mm
Net weight	2.5 Kg