MS-BEAM2

All-in-One 4K Soundbar

Key Features:

- **Application**
  Small conference rooms are becoming a necessity and therefore rising in popularity. The MS-BEAM2 is a compact design all-in-one solution for small to medium-sized meeting spaces, or huddle / hybrid working environments with 8 or more persons.
- **Superb value**
  All-in-one design allows for a single piece of meeting equipment being required in smaller rooms where aesthetics and space need to be considered.
- **All-in-one design**
  The three-in-one design of 4K UltraHD camera, beamforming microphone, and full-frequency loudspeaker reduces wiring and makes video communication simple.
- **4K UHD**
  Using a 1/2.5" 8.51MP high quality UHD CMOS sensor, the camera provides clean and crisp 4K UHD (3840x2160) @ 30fps for ultra smooth and clear video.
- **Super Wide FoV**
  121° wide field of view (110° horizontal field of view), up to 5x optical zoom lens for smaller meeting spaces where delegates sit either side of the camera - even those close to the camera! Built-in electric head (horizontal and pitch +/-15° motion range), participants can easily enter / leave the scene clearly.
- **Beamforming microphone**
  Integrated Beam Forming (BF) microphones, with a pickup distance of 6 meters means no additonal microphones are required. The MS-BEAM2 uses a low-distortion beamforming algorithm that allows the microphone to automatically detect the speaker, giving a superb quality sound.

- **Audio 3A algorithm**
  Built-in audio 3A algorithm (AEC/AGC/ANS), full duplex dialogue allows for clear audio performance within different room structures - whether sitting at a conference table, or standaing against a wall, the audio quality is automatically adapted to for clear and concise speach.
- **Full frequency speaker**
  Full frequency, acoustically designed Hi-Fi loudspeaker, reduces noise interference, provide outstanding sound output.
- **Plug and play**
  Plug and play USB interface connects with your computer or via HDMI to your display for instant video collaboration. Use any video conferencing application or cloud service.
- **Intelligent analysis**
  Built-in intelligent analysis algorithm, listens 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 video output**
  Supports HDMI 1.4b and USB 3.0 audio video output simultaneously.
- **Simple installation**
  Flexible installation options such as on countertops, walls, and under displays available for quick installation and deployment.

Technical Specifications:

Video	4K@30fps, 1080p@60fps, 1080p@30fps, 720p@60fps, 720p@30fps
Sensor	1/2.5" CMOS 8.51MP
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	Supported
Full Frequency Speaker	96dB SPL at 0.5 metres
Microphone Array	Beamforming microphone, pick up distance up to 6 meters
External MIC	Supported (optional)
Connection Type	USB 3.0, downward compatible with USB2.0
Video Compression	H.264 / MJPEG /YUY2 /NV12
USB Audio	32K sampling rate, support UAC2.0
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Supported
Operating System Requirements	Windows 7 (1080p and below only), Windows 8.1, Windows 10 or higher macOS® 10.10 or higher Google ChromebookTM 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 2Gb of memory or higher USB 2.0 interface (USB 3.0 interface required for 4K output)
Video Output	1 x HDMI 1.4b
USB Interface	1 x USB3.0, Type C 1 x USB2.0, Type A
Power	DC 12V, 2A (max)

Technical Specifications:

Installation Mode	Desktop, wall
Standard Cable	USB 3.0 (2m)
Safety Protection	Security lock jack
Remote	2.4G remote control (supplied)
Operating Temperature	0°C - 40°C
Storage Temperature	-40°C - 60°C
Size	600mm x 140mm x 115mm (holder included)
Net Weight	2.5kg
Certification	CCC, CE, RoHS, FCC
Certified Client Application	Skype for Business Compatible with Cisco (Jabber) Cortana
Adaptable Application	LCP (Zoom, BlueJeans, Broadsoft, Starleaf, Pexip, Vidyo) UVC application (Google Hangouts, Go to Meeting, etc)