MS-MiniBeam

All-in-One Personal
Video Conference System



Key Features:

- **All-in-one design**
  The three-in-one design of Full HD camera,beamforming microphone and full-frequency loudspeaker reduces wiring and makes videocommunication easy.
- **1080P FHD, super wide angle without distortion**
  Max support 1080P@30fps/25fps encoding, and downward compatible with 720P and other resolutions. Can meet the needs of users for different video experiences, and can provide clearer, real, smooth and accurate communication. Super wide field of view angle up to 90 degrees.
- **Harman tuned full frequency speaker**
  Harman tuning speaker with wind pipe sound cavity, high pitch clear and penetrating, natural bass surging, to provide extraordinary sound effect.
- **Audio 3A algorithm**
  Built-in audio 3A algorithm (AEC/AGC/ANS), full-duplex dialogue, can automatically adjust and balance the volume while collecting voice, and suppress noise at the same time, to meet your needs for loud and clear dialogue.
- **Horizontal and vertical mode**
  Supports one-push horizontal and vertical switching output, meeting the requirements of various landscape and vertical live scenes.
- **EPTZ**
  Supports 4x digital zoom.
- **TOF fast focus**
  Equipped with laser-assisted focusing instrument, which achieves ultra-fast and accurate auto focusing through advanced auto focusing algorithm.
- **Privacy cover**
  Equipped with an integrated sliding privacy cover, so that privacy is guaranteed.
- **Low-light**
  High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear.
- **Easy to install**
  Equipped with damping rotating bracket, adapt to almost 100% of the market display, easy to install, stable and reliable.

Technical Specifications:

Camera	
Sensor	1/2.8", CMOS, effective pixels: 2.07M
Scan mode	Progressive
Lens mount type	M12
Lens	f=2.8mm, HFOV: 90°
AF	TOF fast focus
Low illumination	0.5 Lux @ (F2.0, AGC ON)
Shutter	1/30s ~ 1/10000s
White balance	Auto, Manual, specific color temperature
Camera bracket	Standard damping rotating bracket
Privacy cover	Supported
Digital Noise Reduction	2D & 3D
Backlight Compensation	Supported
Digital zoom	4X
Audio feature	
Audio algorithm	Supports AEC/AGC/ANS
Full frequency speaker	82dB SPL (0.5m)
Microphone	Ominidirectional microphone, sensitivity -30±2dB
USB feature	
Operating system	Windows® 7 (1080p or lower only), Windows 8.1, Windows 10 or later macOS™ 10.10 or later Google™ Chromebook™ Version 29.0.1547.70 or later Linux (UVC supporting is required)
Hardware requirement	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB or higher USB 2.0 interface
Encoding format	YUY2 / H.264 / MJPEG
Video format	1080p@30fps/25fps, 720p@30fps/25fps, 960x540p@30fps/25fps, 640x360p@30fps/25fps
UVC control	UVC 1.1
UAC	Supported
UVC PTZ control	Supported (ePTZ)
Input/output interface	
USB interface	USB 2.0 x 1, Type-C

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Technical Specifications (continued):

General specifications	
Voltage	5V (USB power supply)
Current	500mA
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Consumption	2.5W
Size	121mm*32mm*31mm (bracket excluded)
Net weight	139gr



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