

All-In-One Video Conference Camera

A20



Key Features

- 4 omnidirectional MEMS microphones, 5m pickup radius.
- Unique AI noise reduction, high-fidelity full-range speaker, full-duplex voice intercom.
- 90° field of view, immersive conferencing experience.
- Auto exposure, auto white balance, distortion correction.
- Touch buttons, multi-color breathing status indicator.
- Sliding physical privacy cover.
- Plug-and-play, compatible with popular conference software.
- Audio and video in one, making simple, convenient and efficient meetings.

Specifications

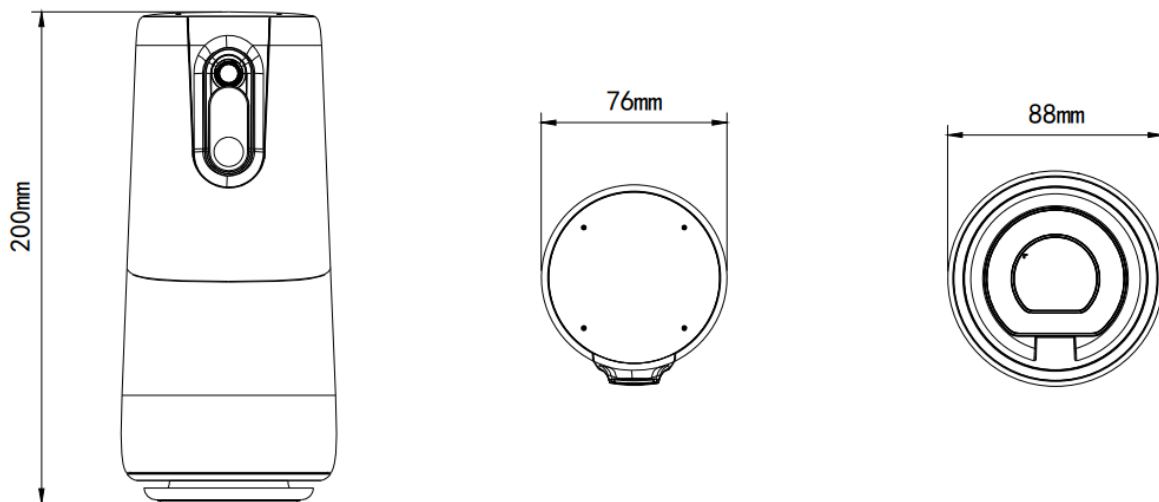
Model	Unear A20
Lens	
Aperture	1/2.8
Image sensor	2MEG CMOS
Focus	Fixed 3.0mm
FOV (diagonal)	97°
FOV (horizontal)	90°
FOV (vertical)	60°
Video performance	
Lens distortion correction	Support
Anti-flicker	Support
Auto exposure	Support
Auto white balance	Support
3D noise reduction	Support
Max. image resolution	FHD 1080P@30fps
Aspect ratio	16:9
Video compression	YUV: Max. 480P@30fps MJPEG: Max. 1080P@30fps H264/H265: Max. 1080P@30fps
Microphone	
Microphone type	4 MEMS microphones, 360° circular array
Sensitivity	-38dB FS94dB SPL@1KHz
SNR	63dBV/Pa 94dB SPL@1KHz, A-weighted
Pickup range	5m
Audio performance	
AI sound source localization	Support
Beamforming	Support
AI noise reduction	Support
Max. background noise suppression	24dB
Full-duplex transmission	Support
Echo cancellation	Max. echo coupling loss \geq 30dB
Auto gain control	Automatic gain control within 5m
Reverberation suppression	RT60<1s
Speaker	
Peak power	3W
Frequency response range	20Hz to 20kHz
Sound pressure level	105dB SPL @0dB 2kHz at 0.1m
Total harmonic distortion	\leq 5%

General

Installation method	Desktop
Casing color	White-gray
Operating system support	Windows/Mac/Linux
USB	USB2.0 Type-C
Power supply	USB 5V/500mA
Product dimensions	200mm(L)*88mm(diameter)
Packaging dimensions	287mm(L)*124mm(W)*124mm(H)
Net weight	357g
Gross weight	523g
Operating temperature	0°C to 45°C
Storage temperature	-10°C to 55°C
Operating humidity	20% to 90%RH

Appearance

Dimensions



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*Product specifications and availability are subject to change without notice.