

# All-In-One Video Conference Camera

Unear A50E



## Features

- 4K@30fps, 120° wide-angle lens.
- Multiple modes including speaker tracking, multi-window close-up.
- 5-MEMS mic array.
- Smart noise reduction, echo cancellation, automatic speech enhancement.
- 5m audio collection range.
- High-fidelity full-range speaker.
- Supports external audio devices.
- Supports wall mount, screen mount, and flat placement.
- USB plug-and-play.

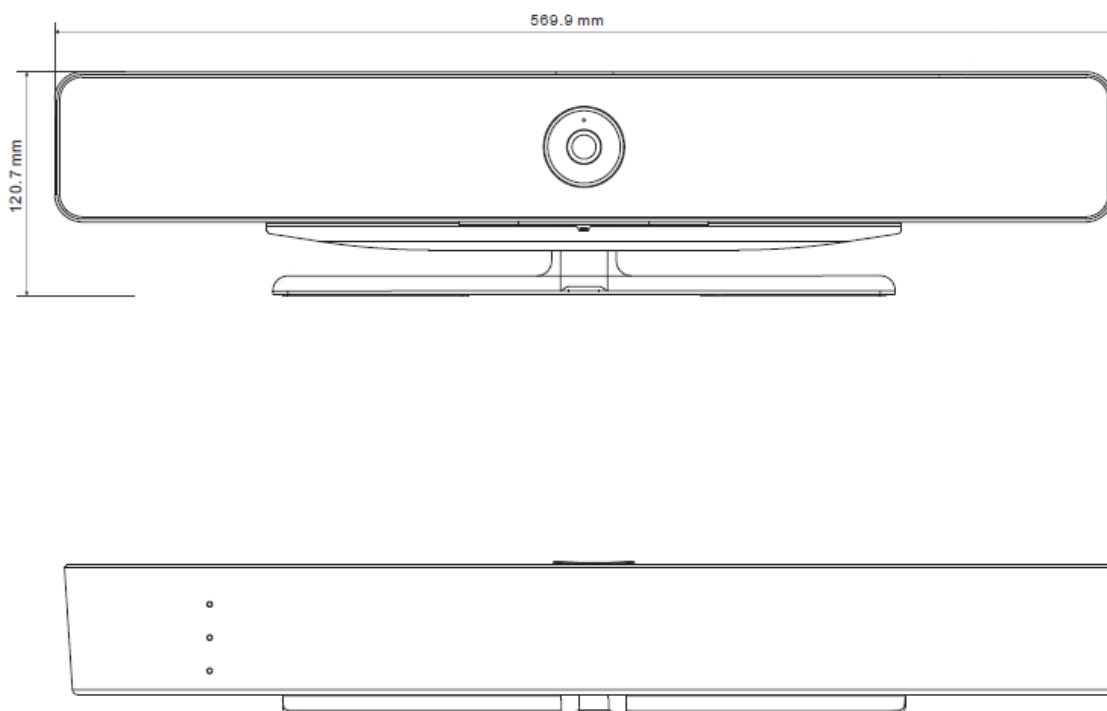
## Specifications

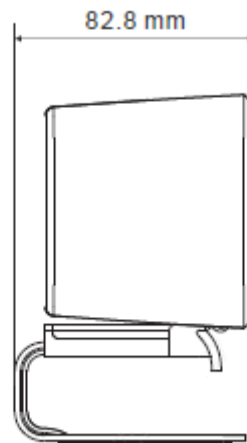
Model	Unear A50E
Lens	
Aperture	1/1.8

Image Sensor	8 MEG CMOS
FOV (diagonal)	120°
Focus	F 2.2mm
FOV (horizontal)	110°
FOV (vertical)	75°
<b>Video Performance</b>	
Lens Distortion Correction	Support
3D Noise Reduction	Support
Aspect Ratio	16: 9
Coded Format	YUV: Max. 480P@30fps MJPEG: Max. 1080P@30fps H264: Max. 2160P@30fps
Anti-flicker	Support
Speaker Tracking	Support
Close-up Group	Support
Auto Exposure	Support
Auto White Balance	Support
Auto Framing	Support
Max. Image Resolution	UHD 2160P[4K]@30fps
<b>Microphone</b>	
Microphone Type	5 MEMS microphones, linear array
Sensitivity	-38dBV/Pa 94dB SPL@1kHz
SNR	63dBV/Pa 94dB SPL@1kHz, A-weighted
Pickup Range	5 m
<b>Audio Performance</b>	
Smart Sound Source Localization	Support
Beamforming	Support
Smart Noise Reduction	Support
Full-duplex Transmission	Support
Echo Cancellation	Max. echo coupling loss $\geq 56$ dB
Auto Gain Control	Automatic gain control within 5m
Reverberation Suppression	RT60 < 1s
Max. Background Noise Suppression	18 dB
<b>Speaker</b>	
Peak Power	5 W
Frequency Response Range	160Hz to 20kHz
Sound Pressure Level	80 $\pm$ 3 dB (800, 1000, 1200, 1500Hz) @1W/1m
Total Harmonic Distortion	$\leq 5\%$
<b>Cascade</b>	
Cascade Mode	PoE network cable
Cascaded Devices	$\leq 4$ M30E
<b>General</b>	

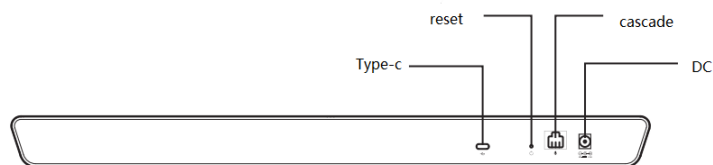
Installation Method	Desktop mount (standard)/TV mount (optional)/wall mount (optional)
Color	Moonstone gray
Operating System Support	Windows/Mac/Linux
Power Supply	DC 48 V/1.35 A
Product Dimensions (W × H × D) (mm)	570.0 × 120.7 × 82.8
Packaging Dimensions (W × H × D) (mm)	613 × 186 × 130
Weight (g)	Net weight: 2010 Gross weight: 3860
Operating Temperature	-10°C to 55°C
Storage Temperature	-20°C to 60°C
Operating Humidity	20% to 90%RH
Interface	
USB	USB 2.0 Type-C

## Dimensions





## Interface



## Ordering Info

Product Model	Description
Unear A50E	All-In-One Video Conference Camera

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