IoT-Unear A30 All-In-One Video Conference Camera

Product Overview

IoT-Unear A30 is a desktop all-in-one USB video conferencing device for small-to-medium-sized teams. This product has a 115° ultra-wide horizontal view and supports QHD video calls. The built-in 4-element omnidirectional microphones array, customized, human-voice-optimized full-frequency speaker, enables 5-meter full-duplex two-way communication and stable HD audio and video conference experience. IoT-Unear A30 organizes a camera, microphones, and a speaker into one single device. Features like USB plug & play, general compatibility with leading online conference platforms, makes IoT-Unear A30 an excellent choice for conference rooms hosting 1-8 people and an online collaboration efficiency booster for all business teams.

Key Features

- Omnidirectional 4 microphones array algorithm, 5-meter far-field clear voice pickup
- Exclusive AI noise-suppression technology, significantly increase concentration of conference participants
- Real full-duplex, HQ uninterrupted communication
- 115° wide-angle distortion less camera captures all meeting participants clearly
- Plug & play, general compatibility with leading online conference platforms
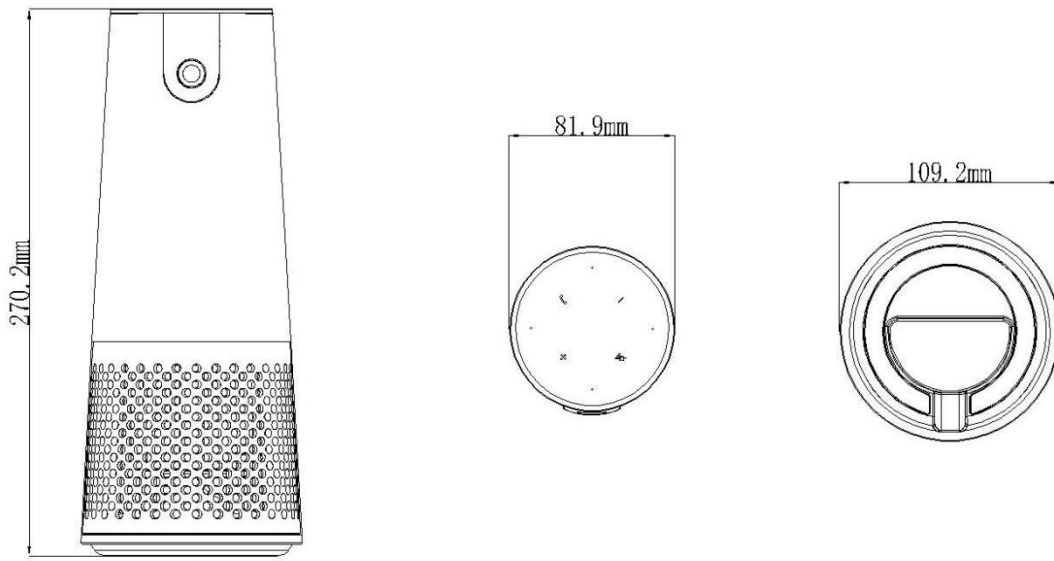- Audio & video all-in-one, intuitive control experience

Specifications

Features	
Wide-Angle Camera	115° wide-angle distortion less
Non-Distortion	Supported
High-Quality Wideband Speaker	Supported
Clear Uninterrupted Full-Duplex Communication	Supported
Image Spec	
Self-Adaptive Skin Toning	Supported
Lens Distortion Correction	Supported

Anti-Flickering	Supported
Automatic Exposure	Supported
Automatic White Balance	Supported
3D Denoise	Supported
Video Specs	
Video Output	4MP@30fps
Aspect Ratio	16:9
UVC Compatibility	1.1 / 1.5
USB 2.0 Transmission	MJPEG and H.264
Camera Specs	
Aperture	F / 2.2
Pixel	4MP
Image	2K
FOV(H)	115˚
FOV(V)	59°
TV Distortion	＜ 1%
Audio Specs	
Maximum Background Noise Suppression	24dB
Full-Duplex	When the gap of acoustic intensity between the near-end and far-end is less than 50dB
Echo-Cancellation	Echo Cancellation ≥30dB
AGC	Automatic Gain Control *Within 8-Meter Range
Reverberation Suppression	RT60<1s
AI-based Speaker Detection	Supported
AI-based Noise-Suppression	Supported
Microphone Specs	
Microphones	4-Element MEMS Microphone, 360° Omnidirectional Array
Sensitivity	-32dB FS94dB SPL@1KHZ
SNR	64dBA
Effective Voice Pickup Range	8 Meters (In conference rooms with low SNR, the actual voice pickup radius can be 5 meters or less)
Speaker Specs	
Peak Power	5W
Rated Output Power	3W
Speaker Frequency Response	20Hz ~20kHz
Speaker Volume	90dB SPL @0dB 1kHz at 0.5m
THD	<=1%
Configuration Requirements	
PC Windows or Linux, Mac OS with USB Connection	Supported
Input / Output	
USB Power Supply	5V/500mA
Data Transmission over USB Type-C	Supported
USB 2.0	Supported
Installation Method	
Desktop	Supported

Appearance Color	
White	Supported
Weight	
Net Weight	635g
Gross Weight	1277g
Dimensions	
Product Dimensions	270mm(H)*110mm(Φ)
Package Dimensions	335mm(L)*145mm(W)*125mm(H)

Dimensions

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