



Omnidirectional Pickup



PoE-powered



Up to six mic cascaded



Audio Algorithms With AI Technology



Infrared remote control



CASCADING OMNIDIRECTIONAL DIGITAL ARRAY MICROPHONE MODEL: LVM01

LUXVIEW

AV SMART SYSTEM



MAIN FEATURES

DIGITAL MICROPHONE ARRAY

It features a high signal-to-noise ratio ring-shaped microphone array design, achieving 360° omnidirectional audio pickup. This allows speakers to freely move within a larger range in the room, freeing them from constraints.

PoE CASCADING PICKUP

Each individual microphone has an effective pickup distance of 3m and up to 6 microphones can be cascaded using Power over Ethernet (PoE), enabling distributed audio pickup and uniform coverage in medium to large conference rooms.

LOW-LATENCY AUDIO TRANSMISSION

It has a powerful built-in audio processing unit, eliminating the need for an external audio processor. It offers ultra-low signal transmission latency, ensuring seamless and delay-free remote communication.

MULTIPLE INTERFACE OUTPUTS

It is equipped with standard USB 2.0 and auxiliary audio interfaces, supporting plug-and-play functionality for both digital and analog audio applications.

SOUND SOURCE LOCALIZATION TECHNOLOGY

It utilizes blind beamforming technology to automatically locate the sound source and capture it accurately. It adapts to the acoustic environment and achieves voice enhancement, providing better anti-interference capabilities.

FLEXIBLE INSTALLATION OPTIONS

It supports various installation methods such as desktop placement, ceiling mounting, and suspension. This allows for flexible and quick deployment, reducing maintenance costs.

AI AUDIO ALGORITHMS

It incorporates various AI algorithm technologies such as intelligent tracking, intelligent noise reduction, echo cancellation, automatic gain control and reverberation removal. Even in noisy environments, clear audio can be easily achieved.

BASIC PARAMETER

Microphone Type	Omnidirectional microphone
Microphone Array	Built-in six high signal-to-noise ratio mic form a circular array, 360° Omnidirectional sound pickup
Sensitivity	-38 dBFS
Signal-to-noise Ratio	65 dB(A)
Frequency Response	50Hz - 16kHz
Sampling Rate	Clear pickup from 3m
Echo Cancellation	Support
Noise Suppression	Support
Automaticgain Control	Support

HARDWARE INTERFACE

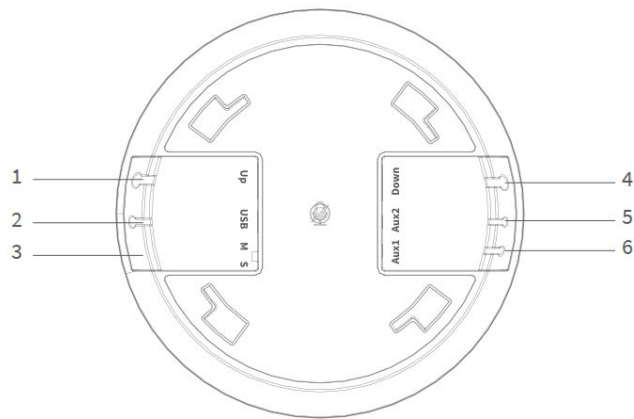
Network Interface	RJ45 upstream and downstream network ports
USB	USB Audio interface (Type-C), UAC1.0 agreement
Analog Audio Interface	AUX1, AUX2

GENERAL SPECIFICATION

Power Supply Mode	PoE cascade, 48V power supply, support EEE 802.3 at / USB 5V 500mA
Support System	Windows / Mac / Linux
Installation Mode	Desktop placement, Suspension mounting
Dimension	170mm (W) × 40mm (H)
Weight	370g

CASCADING FUNCTION

Cascading Mode	PoE
Cascade Quantity	Six sets



- 1 — Up
- 2 — USB Interface
- 3 — M / S
- 4 — Down Interface
- 5 — Aux2
- 6 — Aux1

Disclaimer

Affected by product configuration and manufacturing process, the actual body size/body weight may be different, please refer to the actual product. The product images in this specification are for illustrative purposes only. The actual product effect (including but not limited to appearance, color, size) may be slightly different, please refer to the actual product.

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