

129-Array Ceiling Microphone

iSmart Video



129-Mic
Array



Deep Learning



Mic-Cam
Tracking



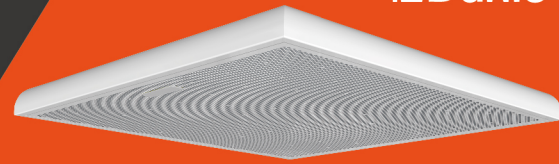
33 Pickup Areas, 17
Reinforcement Areas



8 M Pickup Range
4 M Amplification



Cascade



BAM129

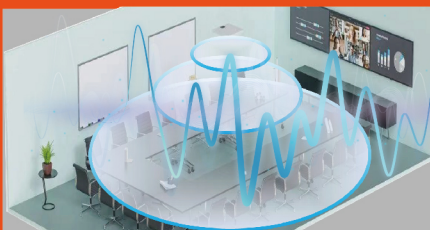
Dante

129-Array Ceiling Microphone BAM129 make conference room sound management simple and efficient. It has a 129-unit omnidirectional mic array with a sound amplification in 4 meters and a sound pickup in 8 meters. Equipped with AI algorithm, it can auto block interference such as keyboard sounds and air conditioning noise, greatly improving the experience of meetings. Using dynamic beams, the pick-up sound could be intelligently zoned during discussions, and the sound auto tracks the speaker who talks and amplify the speaker's voice clearly and naturally. During remote meetings, the sound is as real and natural as face-to-face communication.



Sound Pickup & Amplification

129-Array Ceiling Microphone has an effective sound amplification distance of up to 4 meters and can accurately pick up sounds within 8 meters, clearly capturing every sound detail.



Intelligent Algorithms

Support 33 pickup areas and 17 amplification areas. Powered by deep-learning algorithms, both local sound reinforcement and remote output maintain exceptional vocal clarity and hi-fi reproduction.



Mic-Cam Tracking

Combined with an AI/non-AI camera, an intelligent mic-cam tracking system can be simply setup. The microphone accurately captures sound and quickly identifies the speaker, then the camera immediately delivers close-up shots, effortlessly achieving perfect integration of audio and video.



Support Dante

It supports the international Dante standard. With just one Ethernet cable, it can achieve low - latency and high - fidelity audio transmission. It is also compatible with other Dante devices.



Cascade & Expansion

129-Array Ceiling Microphone supports multi-unit cascading and can be connected to wireless microphones. There's no need to separately pair an audio processor during use. Moreover, they support control via infrared, 485, network, etc.



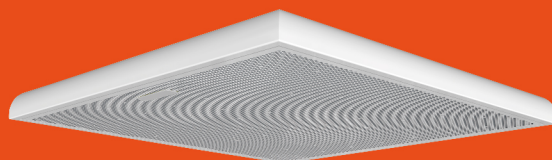
Ceiling Installation

The ceiling-mounted installation method improves the utilization of space and facilitates cable routing/wiring, and helps improve the all-round collection of sound.



129-Array Ceiling Microphone

BAM129



Model	BAM129
Algorithm	
Supported Algorithms	AFC, ANS, AEC, AGC, ARR
Acoustic Feedback Gain	≥18dB
Noise Reduction Amplitude	≥30dB
Echo Cancellation Amplitude	≥90dB
Echo Cancellation Length	≥1s
Reverberation Suppression	≥18dB
Maximum Gain	≥30dB
AI Noise Reduction	Support
Automatic Mixing	Support
Beamforming	Support
Sound Source Localization	Support
Hardware	
Sampling Rate	48K
Frequency Response	20Hz~20KHz, ±0.5dB
SNR	100dB
Distortion Degree	≤0.1%
Input Impedance (Balanced)	20KΩ
Output Impedance (Balanced)	200Ω
Maximum Input Level (Balanced)	4dBu
Maximum Output Level (Balanced)	10dBu
Dante Audio	Support
Cascading Function	Support
485 Central Control Interface	Support
Input Power Supply	DC 12V-48V/POE
Power	25W
General	
Operating Temperature	0°C~40°C
Storage Temperature	-20°C~60°C
Dimensions (L x Wx H)	600×600×42.8mm

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