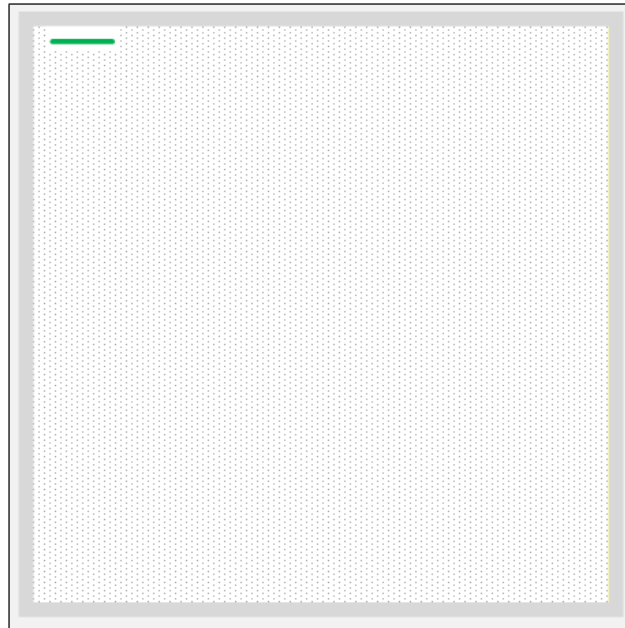




# Intellitech

## CEILING TILE MICROPHONE IT-DCM5



The IT-DCM5 is a premium ceiling-mounted conference microphone designed to deliver exceptional voice capture and outstanding meeting audio quality. Equipped with up to 128 omnidirectional microphone elements and 33 configurable pickup zones, it provides precise and intelligent audio coverage across the entire meeting space.

### Features

- 128-microphone array.
- It features 33 exclusive pickup zones, allowing for flexible configuration to meet the needs of various meeting
- The AI-powered high-definition noise reduction and echo cancellation suppress over 300 types of background noise.
- The system supports subtle amplification for local voice and is compatible with traditional audio for remote conferencing.
- It offers precise speaker tracking with linked camera preset positions.
- With a high sampling rate of 48kHz and ultra-low latency of less than 18ms, it captures more details for authentic sound reproduction.
- Built-in AFC enables single-unit local sound reinforcement without the need for an audio processor.
- The system uses Dante digital audio transmission.

## Technical Parameters

<b>Dante</b>	
Number of Channels	2x2
Remote Meeting/Local Sound Reinforcement Channels	1/1
<b>Power</b>	
Power supply	PoE
<b>Audio</b>	
Remote Pickup Areas	8
Local Pickup Areas	8
Capture Rate	48kHz
Maximum Background Noise Suppression	45dB
Audio Gain	18dB
AI Noise Reduction Suppression	Support
AI Reverberation Suppression	Support
AI Feedback Suppression	Support
AI Echo Cancellation	Support
Delay (Automatic Mixing Output, Including Dante)	<18ms
<b>Microphone</b>	
Mic Array Type	128-unit MEMS
Sensitivity	-38dBV/94dB SPL @1KHz
Signal-to-Noise Ratio	65dBV/94dB SPL@1KHz, A-weighted
<b>Cascade Performance</b>	
Cascade Quantity	Up to 20
Cascade Methods	Dante audio/Analog cascading
<b>Interface</b>	
Analog Outputs	4 Ports
Analog Inputs	4 Ports
Type-C	1 Port
Ethernet	3 Ports
Dante Audio Transmission	1 RJ45 Port
<b>Acoustic Parameters</b>	
AFC	Supported
AEC	Supported
AGC	Supported
AI Noise Reduction	Supported
ARR	Supported
Automatic Mixing	Supported
Beamforming	Supported
Sound Source Localization	Supported
<b>Mechanical</b>	
Dimensions(mm)	600L×600W×60H