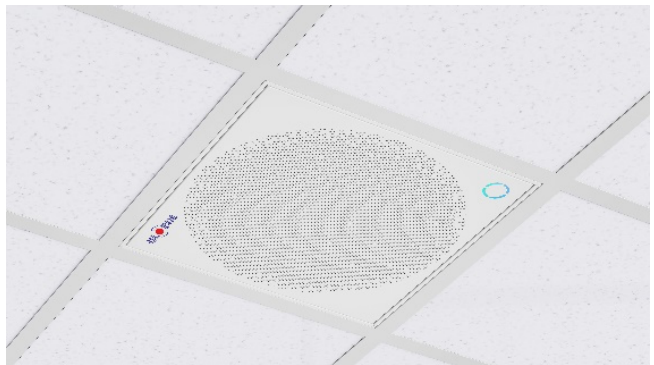# Ceiling Tile Mic

Introducing the Globus Infocom Ceiling Mic, your all-in-one integrated in-ceiling array microphone solution designed for top-notch video conferencing and in-room audio experiences. With its cutting-edge beamforming technology and an impressive 80-element microphone array, guarantees crystal-clear audio for all participants, whether they are in the room or joining remotely.

Suitable for a variety of spaces, including boardrooms, huddle rooms, and multi-purpose areas.

Key Features

- Echo Cancellation
- Sound Reinforcement
- AI Noise Suppression
- Deep Sidelobes
- Wide Coverage Range

* Due to continuous product development, the specifications may change without prior notice
** Product images are for illustration purpose only and may be different from the actual product

Ceiling Tile Mic — Impact GCATM-80

Type	80-element omnidirectional microphone array, Deep sidelobe beamforming, pick up sound for up to 12 independent lobes, Daisy Chain Multiple
Pickup Range	10 Meter with effective audio picup area of 100 Sq.M
AEC	Acoustic noise cancellation with traditional and AI based 3A- algorithms
Ports	RJ45 x 2, RJ45 (Previous/Next for Daisy chain Mic)
Button	Reset Button
Power Rating	DC 48V, 90W Max
Daisy Chain	PoE UTP RJ45 (CAT6)
Sensitivity	-38dBV/Pa 94dB SPL@1kHz
SNR	63dBV/Pa 94dB SPL@1kHz, A-weighted
Advance Features & Functionality	A algorithm (AEC, AGC & ANS), support Intelligent background noise suspension, howling suppression, adaptively switching pickup beams supported & Smart reverberation to ensure clear sound quality and comfortable communication, Local Sound reinforcement, Intelligent voice Pickup with Adaptive blind beam forming technology, speech reinforcement, AI based Human voice recognition with human voice Identification, to ensure clear speech in wide area, capability to cascade up to 8 Unit in Daisy-chain
Dimension (W x D x H)	603mm x 603mm x 45.4mm
Operating Temperature	5º C – 35º C
Accessories	User Manual, VESA Mout and all required cable and connectors

DSP — Impact ADSP 01

Signal Processing	32-bit floating point DSP @ 300 MHz
Digital Analogue Conversion	24-bit processing
Audio System Delay	< 1 ms with sampling rate @ 48 KHz
Interface	3.5mm Line In/Out, 6.5mm Mic in, RJ45 MIC in with PoE, Control Port (RJ45 & USB Type- B), 8x Phoenix for Speaker & USB Type A for Audio In/Out
Power Input	DC 48V, 5.2A External Power Adapter

Controller — Impact DSPC 01

Buttons	Volume up, Volume down, mute (mic mute on/off), switch (sound reinforcement on/off)
Port	RJ45 PoE connect to DSP

* Due to continuous product development, the specifications may change without prior notice
** Product images are for illustration purpose only and may be different from the actual product