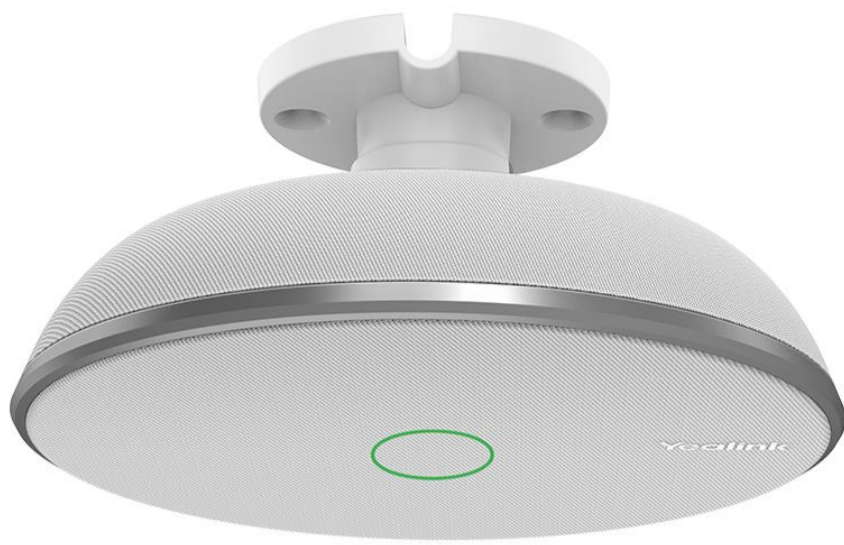




**MY SMART  
CLASSROOM**



Premium  
Audio



8 Microphone  
Arrays



Up to 8  
Units Used



Ceiling/Suspension  
Installation



PoE

## Ceiling Tile Microphone



## Product Specifications

Feature	Description
Audio Pickup pattern	360° Omnidirectional
Audio Pickup Range	20 Meter Radius
Digital microphone array	Built-in 60 MEMS microphone connected in arrays to form a Omnidirectional or better
Multi Zones	12 Zones beamforming or better
Effective Audio pickup area	200 Sq Meter
Sensitivity	-38dBV/Pa 94dB SPL@1kHz
SNR	63 dB
Audio Algorithms	Should support 3A algorithm (AEC, AGC & ANS) to provide Clear Audio experience
Audio Features	Should support Intelligent background noise suspension, Howling suppression, Adaptively switching pickup beams supported & Smart reverberation to ensure clear sound quality and comfortable communication
Audio Modes requirement	Should support Local Sound reinforcement for local audio requirement, Remote conference audio only and Hybrid mode
Intelligent voice Pickup	Should support Adaptive blind beamforming technology with automatic speaker alignment and speech reinforcement, to prevent from interference and to keep speech clear
Cascade	Device should have capability to cascade upto 10 Unit in Daisy-chain mode using Cat-6 Cable
AI Based Audio Processing	Should detect moving presenter voice and amplify it for audio processing
AI based Human voice recognition	Should identify human voice using deep learning AI capability and minimized other sound or noise to ensure clear speech in wide area
Interface	RJ45 PoE port or better
Mounting option	Ceiling mount and VESA bracket

