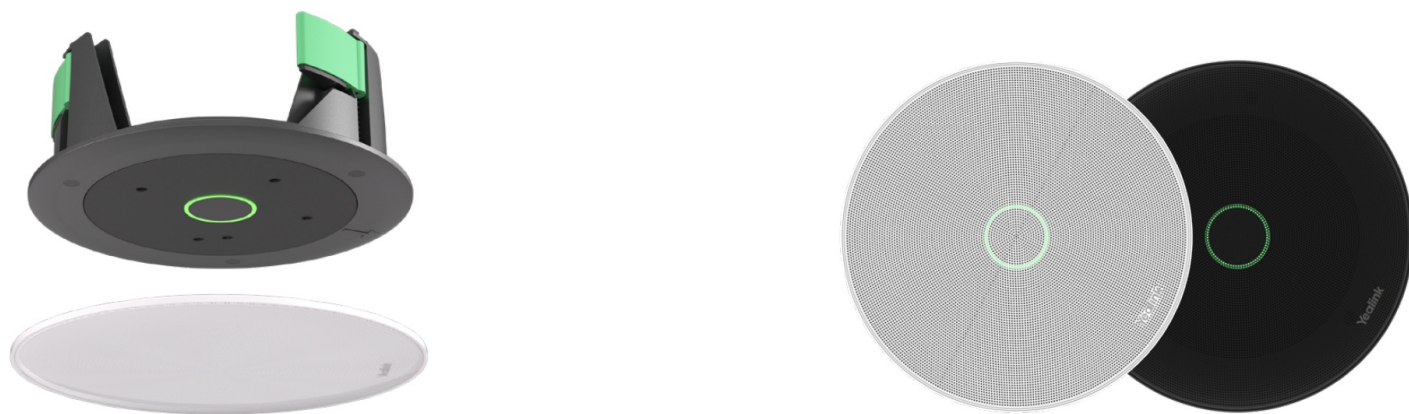


Ceiling Microphone CM20 Datasheet

Beamforming Ceiling Array Microphone for Unmatched Audio Clarity



The Yealink CM20 is a premium ceiling microphone, expertly crafted to enhance audio performance in professional conference settings. Boasting an advanced array of 16 omnidirectional microphones, the CM20 captures sound in 360°, ensuring clarity and inclusivity in every discussion. With an integrated DSP, CM20 offers plug-and-play functionality with Yealink MVC systems, removing the need for external audio processing. Designed for medium to large conference rooms, the CM20 combines advanced technology with a sleek, elegant design, making it a perfect blend of functionality and style.

Key Features and Benefits

Advanced Microphone Array:

CM20 is equipped with 16 omnidirectional units, providing unparalleled audio clarity across 8 independent pickup zones.

Superior Coverage

Yealink CM20 has a premium quality 30 m² full-duplex audio capture (STIPA 0.78 at a pick-up radius 3.2 meters), and effective coverage of up to 60 m² (STIPA 0.72 at a pick-up radius of 4.5 meters), in the environment of RT60=408ms @1kHz, Noise Level=40dBA, 2.8-meter height, ideal for medium to large spaces.

Intelligent Sound Processing:

Integrates Yealink's advanced noise reduction, echo & reverberation cancellation technologies for crystal-clear audio in every meeting.

Intelligent Tracking: *

Features 8 beam outputs for precise speaker tracking and integrates with room cameras for enhanced camera tracking, enriching meeting engagement.

In-built DSP for Simplicity:

Equipped with an integrated DSP, CM20 offers plug-and-play functionality with Yealink MVC systems, removing the need for external audio processing.

Network and Deployment Efficiency: *

Supports AES67 for easy integration into audio networks. PoE enabled, requiring just one Ethernet cable for power and audio.

Versatile Ceiling Integration:

Offers various installation options, including in-ceiling, pendant, and on-ceiling, for effortless setup and integration.

Elegant and Unobtrusive Design:

Includes a removable magnetic suction mesh cover, adding a touch of sophistication while being discreet and easy to maintain.

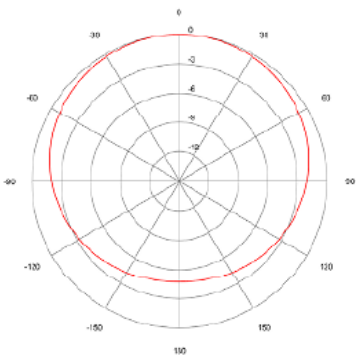
Specifications

Package Content	<ul style="list-style-type: none">• CM20 Microphone• White Mesh Cover (Black Optional)• Quick Start Guide• Assembly Fixing Bracket• Dust Cover• Length-Adjustable Pole (Optional)• Bracing Bridge × 1 pair• Suspend Pole Adapter (Optional)• Expansion Bolt × 6 ($\phi 6 \times 30$ mm, white, Polyamide)• Self-tapping Screw × 6 (T4 × 30mm)• Machine Screw × 5 (3 × 6PMOZN3+)• Bracing Bridge Screw × 20 (M3 × 6PWMHOZN3)
Audio Specifications	<ul style="list-style-type: none">• Frequency Response: 120Hz-16kHz• Maximum SPL: 122dBSPL• Signal Noise Ratio: 86dB @<1% THD• Sensitivity: 0 dBV/Pa 94dBSPL@1kHz• Microphone: 16 omni-direction microphone• AEC Channel: 1 channel internal

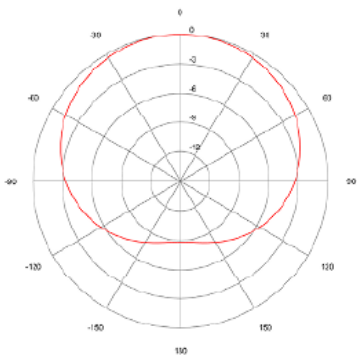
Physical Features	<ul style="list-style-type: none">• Operating Temperature: 0-50°C• Storage Temperature: 0-70°C• Operating Humidity: 5%~90%• Typical Power: 5.7 W• Rated Power: 9 W• Interface: 1 × RJ-45• Power Supply: PoE (IEEE 802.3af, class 3)
Product Specifications	<ul style="list-style-type: none">• Size:<ul style="list-style-type: none">◦ Φ223 × H83mm (with cover mesh)◦ Φ215 × H81mm (without cover mesh)• Weight: 615g• Product Color: Pearl Light Gray• Product Materials: ABS+PC&iron mesh• Plenum Rated UL 2043 (suitable for air handling spaces)
Logistic Information	<ul style="list-style-type: none">• Box Size: 398 × 310 × 135mm• N.W/CTN: 2.462kg• G.W/CTN: 3.078kg

Polar Pattern

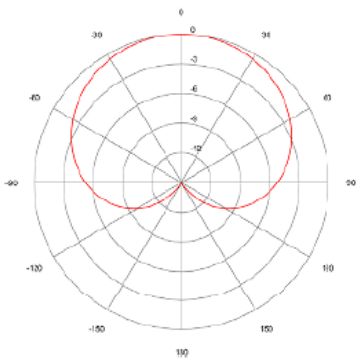
80Hz



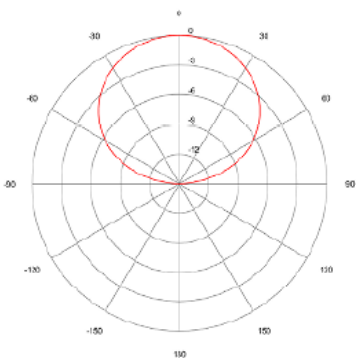
125Hz



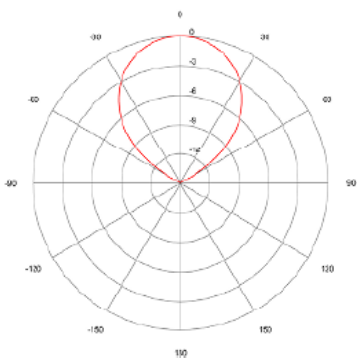
250Hz



1000Hz



2000Hz



8000Hz

