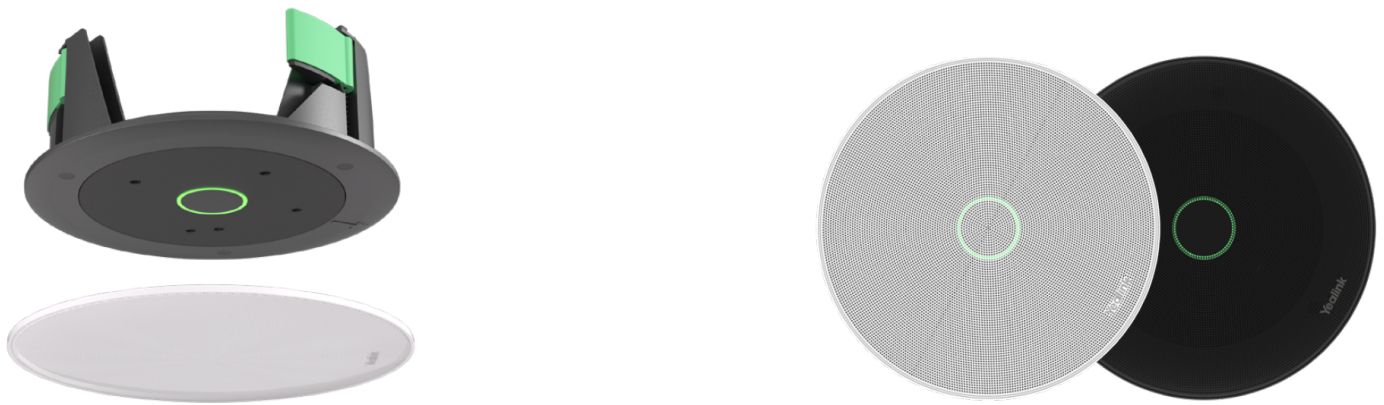


Yealink Ceiling Microphone CM20 Datasheet

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 of 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=408 ms @1kHz, Noise Level=40 dBA, 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 mesh cover, adding a touch of sophistication while being discreet and easy to maintain.

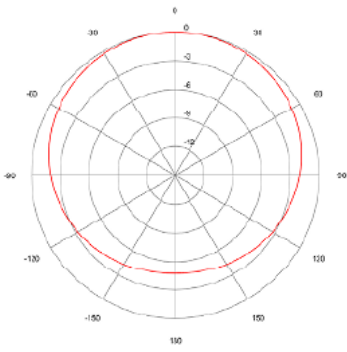
Specifications

Parameters	Description
Package Content	<ul style="list-style-type: none"> • CM20 Microphone • White&Black Mesh Cover • Quick Start Guide • Assembly Fixing Bracket • Dust Cover • Length-Adjustable Pole (Optional) • Bracing Bridge × 1 pair • Suspend Pole Adapter (Optional) • Expansion Bolt × 6 (φ6 × 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: 120 Hz - 16 kHz • Maximum SPL: 122dB SPL • Signal-to-Noise Ratio: 86dB @<1% THD • Sensitivity: 0 dBV/Pa 94dB SPL@1kHz

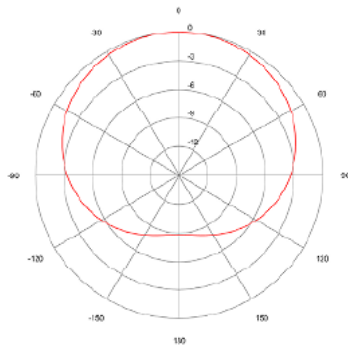
	<ul style="list-style-type: none"> • Microphone: 16 omnidirectional microphone • AEC Channel: 1 internal channel
Physical Features	<ul style="list-style-type: none"> • Operating Temperature: 0 - 50 °C • Storage Temperature: 0 - 70 °C • Operating Humidity: 5% ~ 90% • Typical Power: 5.7 W • Rated Power: 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"> ◦ $\Phi 223 \times H83$ mm (with cover mesh) ◦ $\Phi 215 \times H81$ mm (without cover mesh) • Weight: 615 g • 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: $398 \times 310 \times 135$ mm • N.W/CTN: 2.462 kg • G.W/CTN: 3.078 kg

Polar Pattern

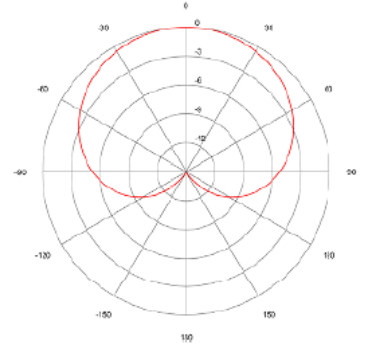
80Hz



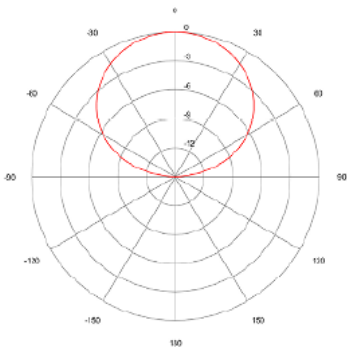
125Hz



250Hz



1000Hz



2000Hz



8000Hz

