PAS-NCS10 | High-Performance Two Way Network PoE Ceiling Speaker 10- Watt



Key features

- Durable Design: Robust metal housing with integrated amplifier.
- Powerful Audio: High-sensitivity speakers up to 100dB via POE.
- Integrated microphone with dynamic volume for clear 2-way intercom.
- Clear Communication: High-definition microphone with dynamic volume control.
- Remote Diagnostics: Easy self-checks and performance verification.
- SIP Support: integration with mainstream SIP PBX System
- ONVIF Integration: Connects seamlessly with third-party monitoring systems.
- Versatile Interfaces: Multiple options for device connectivity.
- Flexible power: with DC 24V/1A, PoE, and PoE+

Product Overview

The Macsys PAS-NCS10 IP PoE Ceiling Speaker is a state-of-the-art communication solution designed for high durability and exceptional audio performance. Engineered with a robust and integrated design, this ceiling speaker features a built-in amplifier housed in a resilient metal enclosure, ensuring it withstands various environmental conditions while delivering reliable service.

The PAS-NCS10 excels in audio output with its high-sensitivity speakers, which can reach up to 100dB when powered through Power over Ethernet (POE). This capability ensures that audio is delivered clearly and effectively, even in challenging acoustic environments. Additionally, the speaker includes a high-definition microphone with dynamic volume adjustment, allowing for precise and clear two-way communication, making it ideal for intercom and paging applications.

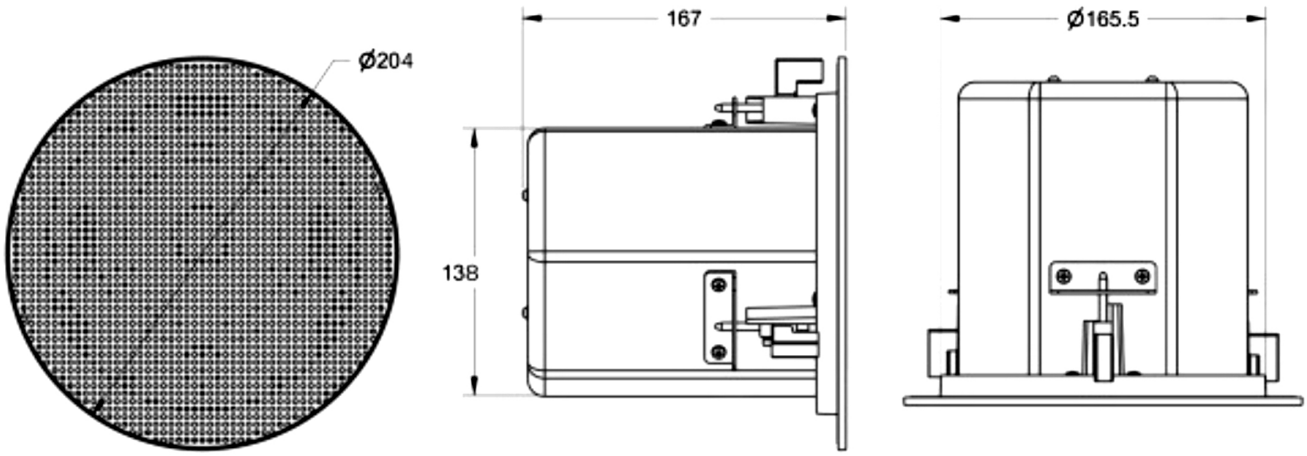
It is SIP compliant and multicast-capable, supporting integration with mainstream SIP PBX systems and ONVIF-compatible monitoring platforms. Remote self-check, web configuration, and online upgrades streamline deployment and maintenance. The metal housing, ceiling-mount design, and flexible power options including PoE and PoE+ make it suitable for hotels, companies, and similar indoor environments.

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Technical Specification

Feature	Details
Device	10watt IP PoE Ceiling Speaker with built-in microphone
Communication	SIP compliant, multicast-capable
Integration	Supports SIP, ONVIF
Management	Remote self-check, remote management, online upgrades
Intercom	2-way intercom with built-in microphone, dynamic volume adjustment
Amplifier	Built-in amplifier
Housing	Metal housing; Net Material: Iron; Housing Material: Iron
Power supply	DC 24V/1A, PoE (IEEE802.3af), PoE+ (IEEE802.3at)
Standby power	≤3W
Rated power output	10W
Audio codecs	G.711A-law, G.711μ-law, G.722
Sensitivity	89dB±3dB (1W, 1m)
Maximum SPL	100dB
S/N ratio	≥85dB
Sampling & bit rate	8kHz~44.1kHz, 16bit, 8kbps~320kbps
Frequency response	70Hz~18kHz
Network interface	10BASE-T/100BASE-TX RJ45
Network protocols	SIP, ONVIF, HTTP, UDP, ARP, ICMP, IGMP
Configuration	Web Interface or Config Tool
Mounting	Ceiling Mount
Environment	Indoor Locations
Operating temperature	-30°C~+60°C
Operating humidity	≤90% RH non-condensing
Color	Off White(Net) + Black(Housing)
Dimensions	φ204x167mm
Cutout size	φ180mm
Weight	1.9KG
Interfaces	Network Port; Power Input Port(DC24V/1A); Audio Input Port; Alarm Input Port; Alarm Output Port; Reserved
Accessories	1×2-Pin Pluggable Terminal Block Connector; 1×4-Pin Pluggable Terminal Block Connector; 1×6-Pin Pluggable Terminal Block Connector
Certification	CE, RoHS Compliance

Dimension



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