



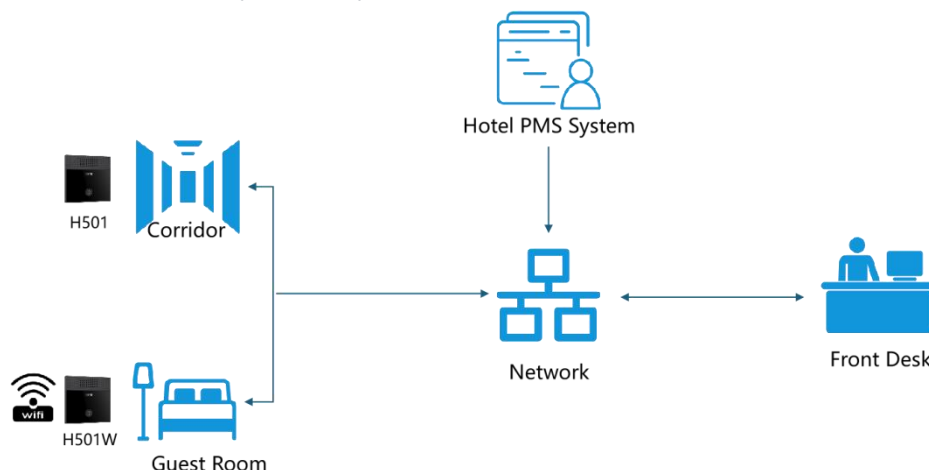
H501&H501W Mini SIP Intercom

Description

The H501 & H501W series is a compact, embedded SIP intercom solution tailored for industry applications. Combining a sleek, modern design with excellent cost performance, the H501W model features built-in Wi-Fi 6 and PoE support for flexible, low-cost deployment. Designed for quick installation in standard 86-type wall boxes, it blends seamlessly with contemporary smart home interiors. Suitable for indoor use in hotels, residential buildings, villas, and similar settings, the series meets the dual needs of efficient communication and intelligent system integration.

Main Features

-  HD voice with G.722 and Opus, 5m far-field pickup.
-  Supports PoE power supply for flexible deployment.
-  Built-in Wi-Fi 6 (H501W) for cost-effective deployment.
-  Fits standard 86 box; easy install with 1cm wall profile.
-  Customizable panel to match any interior style.



Specifications

Application	Indoor intercom for hotels, buildings, villas, etc.
Button	1 function key
Material	ABS plastic
Color	Iron gray
Power Consumption	H501: PoE: 1.39W-6.38W; Adapter: 1.06W-5.26W H501W: PoE: 1.47W-6.77W; Adapter: 1.23W-5.62W
Power Supply	DC 12V / 1A (if not using PoE) POE 802.3af Class 3
Panel Dimensions (LWH)	86 x 86 x 30.9mm
Operating Temperature	-10℃~+ 50℃
Storage Temperature	-40℃~ + 80℃
Installation	86 box flush-mounted (depth ≥45mm)

Functional Capabilities

Supported Protocols	SIP 2.0 over UDP / TCP / TLS
IP Acquisition	Static IP / DHCP / PPPoE
Network Port	10/100Mbps Ethernet
Wi-Fi	2.4G Wi-Fi 6 (H501W only)
Intercom Mode	Full-duplex intercom (HD voice)

Audio

Wideband Codec	G.722, Opus
Pickup Range	5m
Feature Support	Full-duplex Acoustic Echo Canceller (AEC) / Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Packet Loss Concealment (PLC)

Packaging

N.W/CTN	H501: 2.15kg H501W: 2.22kg
G.W/CTN	H501: 2.63kg H501W: 2.64kg
Gift Box	93 x 38 x 92 mm
Outer CTN	250 x 232 x 210 mm (20 PCS)

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