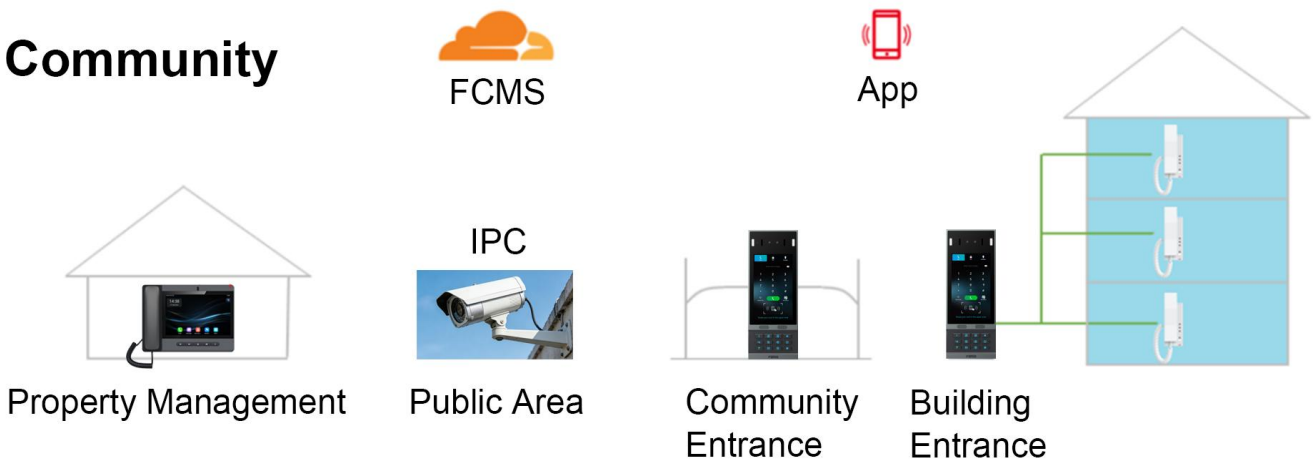
Fanvil i501 & i501W SIP Indoor Station

Overview

The i501 and i501W indoor stations bring reliable intercom and access control to residential and commercial spaces. They support two SIP lines and include an alarm input for sensor integration, allowing residents to communicate with visitors and unlock doors on a cost-effective, screenless unit. Whether in apartments, offices, or hotels, both of them provide a secure, comfortable, and streamlined access experience for every user.

Features

- Supports 2.4 GHz and 5 GHz Wi-Fi 6 (i501W)
- Built-in 1 W speaker and full-duplex AEC for crystal-clear hands-free talk
- Wall-mount design for simple installation
- HD audio powered by G.722 and Opus wideband codecs
- PoE (i501) and power adapter for flexible power supply



Fanvil Link Technology Co., Ltd.
Add: 13th Floor, Building 2, Runzhi R&D Center, Xin'an Street, Bao'an District, Shenzhen, China
Phone: 0755-26402199 E-mail: sales@fanvil.com Web: www.fanvil.com

Specification

Applications	Hotels, villas, residential communities
Display	/
Casing Material	ABS
Speaker	1 W multimedia speaker
Wi-Fi	Dual-band 2.4 GHz and 5 GHz Wi-Fi 6 (i501W), IEEE 802.11 a/b/g/n/ac/ax
Interface	1 short-circuit input
Network	1 RJ45 10/100 Mbps self-adaptive Ethernet port
Power Supply	5 VDC, 1 A PoE 802.3af
Power Consumption	i501: 1.44–2.7 W (PoE); i501W: 0.9–1.7 W (power adapter)
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F)
Storage Temperature	−20 °C to 50 °C (−4 °F to +122 °F)
Operating Humidity	10% to 90% RH
Product Dimension	238.0 mm × 81.0 mm × 43.5 mm (9.37" × 3.19" × 1.71") (L × W × H)
Installation	Wall mounting, desktop installation
Gift Box Dimension	i501: 226.0 mm × 105.0 mm × 58.0 mm (8.90" × 4.13" × 2.28"); i501W: 226.0 mm × 105.0 mm × 58.0 mm (8.90" × 4.13" × 2.28")
Outer CTN Dimension	i501: 340.0 mm × 315.0 mm × 245.0 mm (13.39" × 12.40" × 9.65"); i501W: 340.0 mm × 315.0 mm × 285.0 mm (13.39" × 12.40" × 11.22")
QTY/CTN	15 pcs
N.W/CTN	i501: 7.065 kg; i501W: 8.28 kg
G.W/CTN	i501: 7.71 kg; i501W: 8.925 kg

Functions

Supported Protocols	SIP 2.0 over UDP/TCP/TLS
Audio	Narrowband codec: G.711a, G.711u, G.723.1, G.726 (16/24/32/40 kbps), G.729AB, iLBC; Wideband codec: G.722, Opus; Full-duplex hands-free communication with Acoustic Echo Cancellation (AEC)
DTMF	In-band, out-of-band (RFC2833, SIP INFO)
Do Not Disturb (DND)	Supported, user-defined schedule
Additional Functions	Customizable incoming call ringtones; Remote door unlocking

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