

Fanvil i504 & i504W SIP Indoor Station

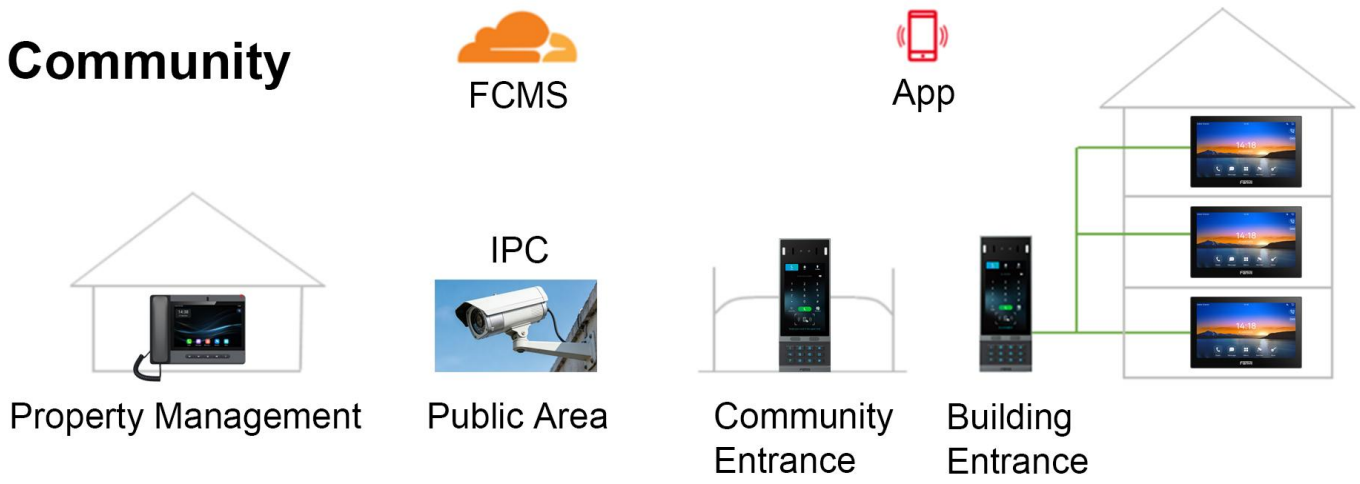
Overview

The i504 and i504W are 7-inch color touchscreen indoor stations designed to bring reliable security and convenience to residential and commercial places. Equipped with eight alarm inputs and an industrial power connector for external power supply, they allow residents to communicate with visitors and unlock doors from a sleek, intuitive interface. Whether in apartments, offices, or hotels, i504 and i504W provide a secure, comfortable, and streamlined access experience for every user.

Features

- 7" color capacitive touchscreen for intuitive, seamless user experience
- Built-in 2 W speaker and full-duplex AEC for crystal-clear hands-free talk
- View live video feeds of door phones and linked IP cameras
- Versatile interfaces for easy integration of various sensors
- Powered by standard PoE and external power adapter





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Specification

Applications	Hotels, villas, residential communities
Display	7-inch IPS color capacitive touchscreen, resolution 1024 × 600 pixels
Casing Material	ABS
Speaker	2 W multimedia speaker
Wi-Fi	Dual-band 2.4 GHz and 5 GHz (i504W)
Interfaces	8 alarm inputs; 1 short-circuit output; 1 doorbell input; 1 RS-485 (reserved)
Network	1 RJ45 10/100 Mbps self-adaptive Ethernet port
Power Supply	12 VDC, 1 A; PoE 802.3af
Power Consumption	PoE: 3.65–6.64 W; Power adapter: 2.71–5.53 W
Operating Temperature	−10 °C to +50 °C (14 °F to 122 °F)
Storage Temperature	−40 °C to +80 °C (−40 °F to +176 °F)
Operating Humidity	10% to 90% RH
Product Dimension	177.38 mm × 113.99 mm × 22.5 mm (6.98" × 4.49" × 0.89") (L × W × H)
Installation	Wall mounting
Gross Weight (G.W)	0.45 kg
Package Dimensions	Gift Box: 193.0 mm × 120.0 mm × 45.0 mm (7.60" × 4.72" × 1.77") (L × W × H); Outer CTN: 463.0 mm × 350.0 mm × 266.0 mm (18.23" × 13.78" × 10.47") (L × W × H)
QTY/CTN	20 pcs

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)
Video	Decoding: H.264, H.265 (optional); Resolution: QVGA, CIF, VGA, 4CIF, 720p, 1080p
DTMF	In-band, out-of-band (RFC2833, SIP INFO)
Do Not Disturb (DND)	Supported, user-defined schedule
Additional Functions	View live video feeds from linked IP cameras; Customizable incoming call ringtones; Remote door unlocking; Send and receive messages