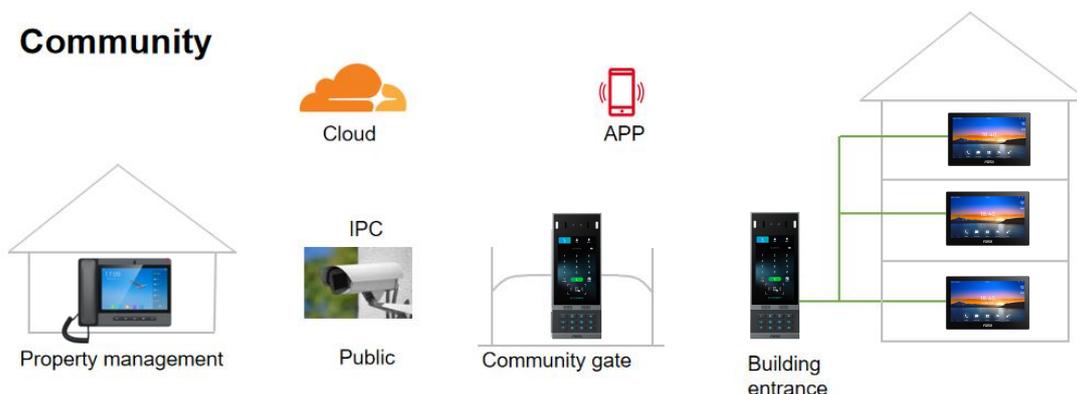# Fanvil i504/i504W SIP Indoor Station

Description

Fanvil i504 is a 7-inch color touchscreen indoor unit with 8 alarm inputs and an industrial power socket interface. It is mainly used in residential communities, villas, office buildings, and other places to answer calls from the entrance, engage in intercom conversations with the entrance unit, and remotely unlock the entrance unit. It provides reliable security and convenient visitor call services for a wide range of users, creating a safe and comfortable living environment.

Main Features

7-inch color capacitive touchscreen offers you a more convenient user experience

Built-in 2W speaker and AEC algorithm, it achieves high-quality two-way hands-free calling

Monitor the video feed from third-party IP cameras and access control cameras, ensuring real-time security surveillance

The rich interface design allows for the integration of various sensors, providing comprehensive security monitoring for the home

Powered by POE or external source

Community

Specifications

Panel type	Community, Hotel, Villa
Screen	7-inch color capacitive touchscreen 1024×600
Body	ABS
Speaker	2W
Wi-Fi	2.4G/5G （i504W Supported）
Interface	8×Alarm input, 1×Short circuit output, 1×Door bell input, 1×RS485(Reserved)
Network	10/100 Mbps adaptive
Power Supply	DC 12V / 1A POE 802.3af
Power Consumption	POE: 3.65~6.64W Adapter: 2.71~5.53W
Working Temperature	-10℃~50℃
Storage Temperature	-40℃~80℃
Working Humidity	10%~90%
Size (LWH)	177.38x113.99x22.5mm
Installation	Wall-mounted

Functional Capabilities

Supported Protocols	SIP 2.0 over UDP/TCP/TLS
Audio	Narrowband audio codec: G.711A/U, G.723.1, G.726-16/24/32/40, G.729AB, iLBC Broadband audio codec: G.722, OPUS Full-duplex hands-free calling, supports Acoustic Echo Cancellation (AEC)
Video	Hardware video decoding: H.264，H.265 (Opention) Video call resolution: QVGA / CIF / VGA / 4CIF / 720P / 1080P
DTMF	In-band, out-of-band DTMF (RFC2833), SIP Info
Do Not Disturb (DND)	Supported, and the time can be user-defined
Additionally	Supports viewing video from third-party IP cameras Supports customizing incoming call ringtones Supports remote door unlocking Supports sending/receiving messages