








# Fanvil i506W SIP Indoor Station

## Description

Fanvil i506W is a 10.1-inch color touch screen indoor station with 8 alarm inputs and an industrial power socket interface. Primarily utilized in residential communities, villas, office buildings, and other locations, it serves to answer calls from the entrance, engage in intercom conversations with the entrance unit, and remotely unlock the entrance unit. It offers reliable security and convenient visitor call services for a wide range of users, creating a safe and comfortable living environment.

## Main Features

-  10.1-inch color capacitive touch screen provides a more convenient user experience
-  Built-in 2W speaker and AEC algorithm, it achieves high-quality two-way hands-free calling
-  Check real-time video of third-party IP cameras and door phone to ensure security
-  Rich interfaces facilitate the integration of various sensors, enabling comprehensive home security monitoring
-  Powered by PoE or external source



## Community



## Specifications

<b>Panel type</b>	Community, Hotel, Villa
<b>Screen</b>	10.1-inch color capacitive touch screen(IPS) 1280×800
<b>Body</b>	ABS
<b>Speaker</b>	2W
<b>Wi-Fi</b>	2.4G/5G
<b>Interface</b>	8×Alarm input, 1×Short circuit output, 1×Doorbell input, 1×RS485(Reserved)
<b>Network</b>	10/100 Mbps adaptive
<b>Power Supply</b>	DC 12V / 1A PoE 802.3af
<b>Power Consumption</b>	PoE: 2.6~6.6W Adapter: 1.98~5.5W
<b>Working Temperature</b>	-10°C~50°C
<b>Storage Temperature</b>	-40°C~80°C
<b>Working Humidity</b>	10%~90%
<b>Size (LWH)</b>	247.96x156.96x25.6mm
<b>Installation</b>	Wall-mounted

## Functional Capabilities

<b>Supported Protocols</b>	SIP 2.0 over UDP/TCP/TLS
<b>Audio</b>	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)
<b>Video</b>	Hardware video decoding: H.264, H.265 (Option) Video call resolution: QVGA / CIF / VGA / 4CIF / 720P / 1080P
<b>DTMF</b>	In-band, out-of-band DTMF (RFC2833), SIP Info
<b>Do Not Disturb (DND)</b>	Supported, and the time can be user-defined
<b>Additionally</b>	Supports viewing video from third-party IP cameras Supports customizing incoming call ringtones Supports remote door unlocking Supports sending/receiving messages