

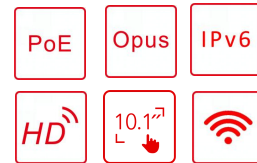
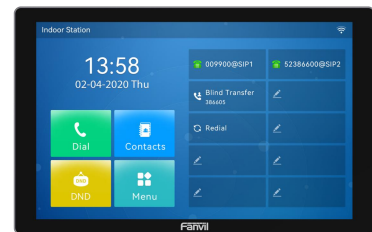


# Fanvil i506W SIP Indoor Station

Fanvil i506W is an indoor station with 10.1-inch color touch screen and rich interfaces. It is mainly used in residential area, villa, office building and other places for receiving calling and communicating through the door phone and achieving remote door-opening. It provides more reliable security assurance and the easier access control for the users, creating a safe and comfortable living environment.

## Highlights

- Stylish and simple outlook which matches with different decorative styles.
- 10.1-inch capacitive color touch screen.
- HD voice speech quality with built-in 2W speaker and Acoustic Echo Canceller (AEC).
- Built-in 2.4G/5G Wi-Fi.
- Possess 8 alarm inputs and 1 RS485 interfaces.
- View the authorized camera image over the video door phone.
- Rich interfaces to meet the needs in different application scenarios.
- Support online management and upgrade.



## Generic

- 6 SIP Lines
- HD Voice
- PoE
- External Power Supply(Optional)

## Display

- 1 x LCD: 10.1-inch 1280x800 Color Touch Screen

## Audio

- Wideband ADC/DAC 16KHz sampling
- Narrowband codec: G.711A/U, G.723.1, G.726-16/24/32/40, G.729AB, iLBC
- Wideband codec: G.722, Opus
- Full-duplex hands-free speakerphone with AEC
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833)
- VQM voice quality monitoring

## Video

- Hardware video decoding: H.264
- Video call resolution: QVGA / CIF / VGA / 4CIF / 720P / 1080P

## Network

- 10/100 Mbps Ethernet
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP
- VPN: L2TP / OpenVPN
- VLAN
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Wi-Fi: 2.4/5G

## Protocols

- SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS

- TR-069

## **Deployment & Management**

- Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web management portal
- Web-based packet dump
- Configuration export / import
- Firmware upgrade
- Syslog

## **Physical Specifications**

- 6 Pin Cable x3
- Wall-mount Bracket x1
- Screws Kit x1
- RJ45 Interface x1
- RS485 Interface x1
- Alarm Input Interface x8
- Short-out control port x1 (built-in relay)

- Relay: MAX DC30V / 2A, AC125V / 0.5A
- Doorbell short-in detect input x 1
- DC Power Input: 12V/1A
- Power Consumption (PoE): 2.6~6.6W
- Power Consumption (Adapter): 1.98~5.5W
- Housing material:ABS
- Installation:
  - Wall-mounted
  - Desktop (Need to purchase stand separately)
- Working Temperature: -10~50°C
- Working Humidity: 10~90%
- Qty/CTN: 10pcs
- N.W/CTN: 8.5kg
- G.W/CTN: 9.3kg
- Device Dimensions: 247.96x156.96x25.6mm
- Gift Box Dimensions: 289x207x71mm
- Outer CTN Dimensions: 434\*385\*309 mm

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products. For more information, please visit: [www.fanvil.com](http://www.fanvil.com)

