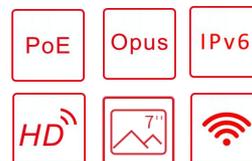# Fanvil i52W SIP Indoor Station

Fanvil i52W is an indoor station with 7-inch color 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.
- ☑ 7-inch capacitive color screen.
- ☑ HD voice speech quality with built-in 2W speaker and Acoustic Echo Canceller (AEC).
- ☑ Built-in 2.4G 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.
- ☑ Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

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

Display
- 1 x LCD： 7-inch 800x480 Color Screen

Audio
- Wideband ADC/DAC 16KHz sampling
- Narrowband codec: G.711A/U, G.723.1,G.726-32K,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) / SIP INFO
- 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 / PPPoE
- VPN: L2TP / OpenVPN
- VLAN
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR(RFC6035)
- Wi-Fi

Protocols
- SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- PPPoE
- 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

- 5 Function keys (Management Center, Monitor, Unlock, Return/Hang up, Answer)
- 10 Pin Cable x1
- 4 Pin Cable x1
- 2 Pin Cable x1
- Wall-mount Bracket x1
- Screws Kit x1
- RJ45 Interface x1
- RS485 Interface x1
- Alarm Input Interface x8
- DC Power Input: 12V/1A
- Power Consumption (PoE): 2.11~6.98W
- Power Consumption (Adapter): 1.72~5.96W
- Working Temperature: 0~45℃
- Working Humidity: 10~90%
- Color: White
- Installation:
  - Desktop (Need to purchase stand separately)
  - Wall-mounted
- Device Dimensions: 176x140x26 mm
- Gift Box Dimensions: 193x152x39 mm
- Outer CTN Dimensions: (20 PCS) 413x220x322 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

Compatibility List:

3CX · Asterisk · AVAYA · broadsoft · epygi · HUAWEI · Jabra GN · metaswitch · NEC

New Rock TECHNOLOGIES · OpenVox · Phonism · plantronics · PORTA ONE · SENNHEISER · Yeastar · ZTE中兴 · ZYCOO