

Fanvil i51W SIP Indoor Station (i51W)

Product Name: Fanvil i51W SIP Indoor Station (i51W)



Manufacturer: Fanvil

Model Number: i51W

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The Fanvil i51W is a 4.3-inch colour screen SIP indoor station with 5 function buttons, which can be applied in different indoor scenarios. Working with door phone and intercom at the entrance, Fanvil i51W can be easily achieved remote access control for residences. It can also be connected to alarms and other intelligent security devices via rich interfaces.

Fanvil i51W Key Features

- ½ 4.3-inch colour screen
- ½ 5 physical function keys
- ½ Built-in 1.5W speaker with AEC
- ½ Support visual intercom and remote access control
- ½ Real-time monitor of the door phone and cameras
- ½ Built-in 2.4G WiFi
- ½ 8 alarm input interfaces
- ½ 1 pair of RS-485 interfaces
- ½ Wall-mounted and desktop installation methods (with the external desk stand)
- ½ Compatible with major platforms: 3CX, Avaya, Asterisk, BroadSoft, Metaswitch, Elastix and etc.

The Fanvil I51W is a versatile indoor station with a 4.3-inch color screen and 5 physical function keys, providing easy access to its features. It supports visual intercom and remote access control, allowing real-time monitoring of door phones and cameras. Equipped with a built-in 1.5W speaker and Acoustic Echo Cancellation (AEC) for clear audio, the I51W also offers built-in 2.4G Wi-Fi for flexible connectivity. It includes 8 alarm input interfaces and a pair of RS-485 interfaces for integration with security systems. The device supports both wall-mounted and desktop installation options and is compatible with platforms like 3CX, Avaya, Asterisk, and BroadSoft.

Elegant Design with 4.3" Colour Screen

Fanvil i51W delivers a user-friendly experience with an elegant design and a clear 4.3-inch colour screen.

HD Audio and Video Communications

Users can communicate with visitors with superb audio and clear video images via Fanvil i51W.

5 Easy-to-access Physical Buttons

Users can easily achieve different functions with one press on Fanvil i51W.

Built-in 2.4G WiFi

Fanvil i51W supports built-in 2.4G WiFi, and it allows users to choose wireless connection mode for different requirements.

Rich Interfaces

Fanvil i51W is flexible and powerful with rich interfaces to connect more security devices.

Fanvil i51W Technical Specifications

General

- ½ 4 SIP Lines
- ½ HD Voice
- ½ PoE
- ½ External Power Supply(Optional)

Display

- ½ 1 x LCD: 4.3-inch 480x272 Colour Screen

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Audio

- Wideband ADC/DAC 16KHz sampling
- Narrowband codec: G.711A/U, 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
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR(RFC6035)
- WiFi

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 Specification

- 5 Function keys (Management Center, Monitor, Unlock, Return/Hang up, Answer)

Fanvil i51W SIP Indoor Station (i51W)

• 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): 1.82~5.93 W
• Power Consumption (Adapter): 1.54~4.78 W
• Working Temperature: 0~45°C
• Working Humidity: 10~90%
• Colour: White
• Installation:
 • Desktop (Need to purchase stand separately)
 • Wall-mounted

• Device Dimensions: 163x104x26 mm
• Gift Box Dimensions: 179x115x40 mm
• Outer CTN Dimensions: (20 PCS) 380x225x250 mm

Please Enquire