

## Fanvil i55A SIP Indoor Station (i55A)



Product Name: Fanvil i55A SIP Indoor Station (i55A)

Manufacturer: Fanvil

Model Number: i55A

### Fanvil i55A SIP Indoor Station (i55A)

The Fanvil i55A indoor station features 7-inch colour touch screen with an intuitive UI. Based on Android 9.0 operating system, it meets industry application customization needs and secondary development. Featuring powerful functionalities like remote door opening and real-time monitoring for security devices, i55A serves as a management assistant for communities, villas and office buildings.

#### Fanvil i55A Key Features:

- ½ 7-inch (1024×600) capacitive colour touch screen
- ½ Android 9.0 operating system, meeting the customisation needs of industry applications and secondary development
- ½ Aluminium panel design and five physical buttons, reliable and durable
- ½ Check real-time video of door phones with H.264 video codec and 1080P high resolution
- ½ HD voice speech quality with built-in 1.5W double speakers and Acoustic Echo Canceller
- ½ Built-in Bluetooth 5.0 and 2.4GHz/5G WiFi
- ½ Support RS-485, 8 alarm input interfaces and 2 embedded relays
- ½ Support PoE, wall-mounted installation

The Fanvil I55A is a sleek and durable indoor station designed with advanced functionality and customisation in mind. Featuring a 7-inch capacitive color touch screen with a 1024×600 resolution, it runs on Android 9.0, making it adaptable for industry applications and secondary development. Its aluminum panel design includes five physical buttons for added durability. With support for H.264 video codec and 1080P high resolution, it allows real-time video monitoring of door phones. The I55A delivers HD voice with built-in 1.5W speakers and Acoustic Echo Canceller, while also offering built-in Bluetooth 5.0, dual-band Wi-Fi, PoE, RS-485 support, and alarm inputs. It's ideal for wall-mounted installations in secure environments.

#### HD Audio / Video Calling

#### Industrial Aesthetic Design

### Fanvil i55A Technical Specifications

#### General

- ½ 2 SIP Lines
- ½ HD Voice
- ½ PoE
- ½ 1 x LCD: 7-inch 1024×600 Color Touch Screen
- ½ External Power Supply(Optional)
- ½ RAM/ROM: 2G/16G

#### Operating System

- ½ Android 9.0 OS with higher security and better compatibility
- ½ Support 3rd Party Applications
- ½ Secondary Development of API

#### Device Features

## Fanvil i55A SIP Indoor Station (i55A)

• Local Phonebook (1000 entries)  
• Remote Phonebook  
• Call logs (In/out/missed, 1000 entries)  
• Blocked List/Allowed List  
• Screen saver  
• Voice Message Waiting Indication (VMWI)  
• Programmable DSS/Soft keys  
• Network Time Synchronization  
• Built-in Bluetooth 5.0  
• Built-in Wi-Fi  
• 2.4GHz, 802.11 b/g/n  
• 5GHz, 802.11 a/n/ac  
• Miracast  
• Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) /Background Noise Estimation (BNE)  
• Packet Loss Concealment (PLC)  
• Dynamic Adaptive jitter Buffer up to 300ms  
• DTMF: In-band, Out of Band DTMF (RFC2833) / SIP INFO

### Video

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

### Network

• 10/100 Mbps Ethernet  
• IP Mode: IPv4  
• IP Configuration: Static / DHCP  
• VPN: OpenVPN (Requires third-party app support)  
• Wi-Fi

### Protocols

• SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS  
• DNS A/SRV/NAPTR  
• RTP/RTCP/SRTP  
• RTSP  
• STUN  
• DHCP  
• OpenVPN (Requires third-party app support)  
• SNTP  
• FTP/TFTP  
• HTTP/HTTPS  
• TR-069

### Call Features

• Call out / Answer / Reject  
• Mute / Unmute (Microphone)  
• Call Hold / Resume  
• Call Waiting  
• Intercom  
• Caller ID Display  
• Speed Dial

## Fanvil i55A SIP Indoor Station (i55A)

- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Do-Not-Disturb
- Auto-Answering
- Hot Line
- IP call

### Deployment & Management

- Action URL / Active URI
- SIP Hotspot
- Custom Ringtone
- Multicast
- Action Plan

### Audio

- Wideband ADC/DAC 16KHz sampling
- Narrowband Codec: G.711a/u, G.729AB, iLBC
- Wideband Codec: G.722, opus
- Acoustic Echo Canceller (AEC)
- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIPPNP/TR-069
- Web Management Portal
- Supports Web
- Supports encrypted configuration files download withAES
- Supports Web upgrade
- Supports factory data reset

### Physical Specifications

- 5 keys (Manager center key/Monitor key/Unlock key/Return(Hang up key)/Answer key)
- 10 Pin Cable x1
- 2Pin Cable x1
- Wall-mount Bracket x1
- Screws Kit x1
- RJ45 interface x1
- Micro USB interface x1
- TF Slot x1
- RS-485 interface x1
- 2 embedded short circuit output interface
- 2 relays: MAX DC30V / 2A, AC125V / 0.5A
- Alarm input interface x8
- Doorbell input interface x1
- Power: DC12V/1A or PoE
- Housing material: ABS & aluminum alloy
- Installation:
  - Wall-mounted
- Working temperature: -10 ~ 50°C;
- Relative humidity: 10% - 90%
- Equipment Dimension: 217x124x21mm
- Packing Dimension: 257x175x76mm
- Outer CTN Dimension: 405\*377\*277mm(10 pcs)2 keys (Power, volume +/-)

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**Price: \$205.32**

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