

Fanvil i57A SIP Indoor Station

Fanvil i57A indoor station features a 10.1-inch color touch screen with an intuitive UI. Based on Android 9.0 operating system, it can meet industry application customization needs and secondary development. Featuring powerful functionalities like remote door opening and real-time monitoring for security devices, i57A can serve as a management assistant for communities, villas， and office buildings.



Highlights

- √ 10.1-inch (1024*800) capacitive color touch screen
- √ Android 9.0 operating system, meeting the customization needs of industry applications and secondary development
- √ Aluminum panel design, reliable and durable
- √ Built-in cool lighting effects, which can be set as status indicators
- √ Check real-time video of door phones with H.264 video codec and 1080P high resolution
- √ HD voice speech quality with built-in 2W speaker and Acoustic Echo Canceller
- √ Built-in Bluetooth 5.0 and 2.4GHz/5G Wi-Fi
- √ Support RS-485, 8 alarm input interfaces and 2 embedded relays
- √ Integrated Micro USB interface and maximum 256GB capacity TF card slot
- √ Support PoE, Support wall mounting



Generic

- 2 SIP Lines
- HD Voice
- PoE
- 1 x LCD: 10.1-inch 1280*800 Color Touch Screen
- External Power Supply (Optional)
- RAM/ROM：2G/16G

Operation System

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

Device Features

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

Call Features

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Do-Not-Disturb
- Auto-Answering
- Hot Line
- IP call

Audio

- Wideband ADC/DAC 16KHz sampling
- Narrowband Codec: G.711a/u, G.729AB, iLBc
- Wideband Codec: G.722, opus
- Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) /Background Noise Estimation (BNE)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- 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 Security Mode： WPA /WPA2-PSK/802.X EAP

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

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Supports Web
- Supports encrypted configuration files download with AES
- Supports Web upgrade
- Supports factory data reset

Physical Specifications

- 2 keys (Power, volume +/-)
- TF card interface (MAX:256G) x1
- 10 Pin Cable x1
- 2Pin Cable x1
- Wall-mount Bracket x1
- Screws Kit x1
- RJ45 interface x1
- Micro USB interface x1
- RS-485 interface x1
- 2 embedded short circuit output interfaces
- 2 relays: MAX DC30V / 2A, AC125V / 0.5A
- Alarm input interface x8
- Doorbell input interface x1
- Power: DC12V/1A or PoE
- Power Consumption (Adapter)：1.45~8.78W
- Power Consumption (PoE)：1.88~10.76W
- Housing material: ABS & aluminum alloy
- Installation:
  - Wall-mounted
- Working temperature: -10℃ ~ 50℃
- Relative humidity: 10% - 90%
- Qty/CTN：10 pcs
- N.W/CTN：13kg
- G.W/CTN：14.1kg
- Equipment Dimension: 295x181x24mm
- Packing Dimension: 342x227x76mm
- Outer CTN Dimension: 474x405x362mm

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

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Add: 13th Floor, Building 2, Runzhi R&D Center, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +86-755-2640-2199 Fax: +86-755-2640-2618 Email: sales@fanvil.com