Fanvil i57A SIP Indoor Station (i57A)

Product Name: Fanvil i57A SIP Indoor Station (i57A)
Manufacturer: Fanvil
Model Number: i57A

Fanvil i57A SIP Indoor Station (i57A)
The Fanvil i57A is a powerful indoor SIP station that comes with a large 10.1-inch color touch screen and an intuitive user interface. With its Android 9.0 operating system, it is able to meet the customization needs of various industries and allows for secondary development. This device offers a range of advanced features such as remote door opening, real-time monitoring for security devices and serves as an effective management assistant for communities, villas, and office buildings.
Fanvil i57A Key Features

ï¿½ 10.1-inch (1024×800) capacitive color touch screen
ï¿½ Android 9.0 operating system, meeting the customization needs of industry applications and secondary development
ï¿½ Aluminum panel design, reliable and durable
ï¿½ Built-in cool lighting effects, which can be set as status indicators
ï¿½ Check real-time video of door phones with H.264 video codec and 1080P high resolution
ï¿½ HD voice speech quality with built-in 2W speaker and Acoustic Echo Canceller
ï¿½ Built-in Bluetooth 5.0 and 2.4GHz/5G WiFi
ï¿½ Support RS-485, 8 alarm input interfaces and 2 embedded relays
ï¿½ Integrated Micro USB interface and maximum 256GB capacity TF card slot
ï¿½ Support PoE, Support wall mounting

HD Audio / Video Calling

Powerful Android 9 OS

Industrial Aesthetic Design

Fanvil i57A - Technical Specifications
Generic

ï¿½ 2 SIP Lines
ï¿½ HD Voice
ï¿½ PoE
ï¿½ 1 x LCD: 10.1-inch 1280x800 Color Touch Screen
ï¿½ External Power Supply(Optional)
ï¿½ RAM/ROM：2G/16G

Operation System

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

Device Features

ï¿½ Local Phonebook (1000 entries)
ï¿½ Remote Phonebook
ï¿½ Call logs (In/out/missed, 1000 entries)

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ï¿½ Blocked List/Allowed List
ï¿½ Screen saver
ï¿½ Voice Message Waiting Indication (VMWI)
ï¿½ Programmable DSS/Soft keys
ï¿½ Network Time Synchronization
ï¿½ Built-in Bluetooth 5.0
ï¿½ Built-in Wi-Fi
ï¿½ 2.4GHz, 802.11 b/g/n
ï¿½ 5GHz, 802.11 a/n/ac
ï¿½ Miracast
ï¿½ Action URL / Active URI
ï¿½ SIP Hotspot
ï¿½ Custom Ringtone
ï¿½ Multicast
ï¿½ Action Plan

Call Features

ï¿½ Call out / Answer / Reject
ï¿½ Mute / Unmute (Microphone)
ï¿½ Call Hold / Resume
ï¿½ Call Waiting
ï¿½ Intercom
ï¿½ Caller ID Display
ï¿½ Speed Dial
ï¿½ Anonymous Call (Hide Caller ID)
ï¿½ Call Forwarding (Always/Busy/No Answer)
ï¿½ Do-Not-Disturb
ï¿½ Auto-Answering
ï¿½ Hot Line
ï¿½ IP call

Audio

ï¿½ Wideband ADC/DAC 16KHz sampling
ï¿½ Narrowband Codec: G.711a/u, G.729AB, iLBc
ï¿½ Wideband Codec: G.722, opus
ï¿½ Acoustic Echo Canceller (AEC)
ï¿½ Voice Activity Detection (VAD) / Comfort Noise Generation (CNG)/Background Noise
Estimation (BNE)
ï¿½ Packet Loss Concealment (PLC)
ï¿½ Dynamic Adaptive litter Buffer up to 300ms
ï¿½ DTMF: In-band, Out of Band DTMF (RFC2833) / SIP INFO

Video

ï¿½ Hardware video decoding: H.264
ï¿½ Video call resolution: QVGA / CIF / VGA / 4CIF / 720P / 1080P

Network

ï¿½ 10/100 Mbps Ethernet
ï¿½ IP Mode: IPv4
ï¿½ IP Configuration: Static / DHCP
ï¿½ VPN: OpenVPN (Requires third-party app support)

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ï¿½ WI-FI Security Mode：WPA /WPA2-PSK/802.X EAP

Protocols

ï¿½ SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS
ï¿½ DNS A/SRV/NAPTR
ï¿½ RTP/RTCP/SRTP
ï¿½ RTSP
ï¿½ STUN
ï¿½ DHCP
ï¿½ OpenVPN (Requires third-party app support)
ï¿½ SNTP
ï¿½ FTP/TFTP
ï¿½ HTTP/HTTPS
ï¿½ TR-069

Deployment & Management

ï¿½ Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
ï¿½ Web Management Portal
ï¿½ Supports Web
ï¿½ Supports encrypted configuration files download with AES
ï¿½ Supports Web upgrade
ï¿½ Supports factory data reset

Physical Specifications

ï¿½ 2 keys (Power, volume +/-)
ï¿½ TF card interface (MAX:256G) x1
ï¿½ 10 Pin Cable x1
ï¿½ 2Pin Cable x1
ï¿½ Wall-mount Bracket x1
ï¿½ Screws Kit x1
ï¿½ RJ45 interface x1
ï¿½ Micro USB interface x1
ï¿½ RS-485 interface x1
ï¿½ 2 embedded short circuit output interface
ï¿½ 2 relays: MAX DC30V / 2A, AC125V / 0.5A
ï¿½ Alarm input interface x8
ï¿½ Doorbell input interface x1
ï¿½ Power: DC12V/1A or PoE
ï¿½ Power Consumption (Adapter)：1.45~8.78W
ï¿½ Power Consumption (PoE)：1.88~10.76W
ï¿½ Housing material: ABS & aluminum alloy
ï¿½ Installation: Wall-mounted
ï¿½ Working temperature: -10 ~ 50°C
ï¿½ Relative humidity: 10% - 90%

Please Enquire