XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

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SIP
Indoor Station

I56A

Fanvil i56A is a 10.1 inch indoor station, built-in Bluetooth 5.0 and 2.4G/5G Wi-Fi, integrated with Micro USB and TF interface. Based on Android 9.0 operating system, the interface operation is smooth and intelligent.

It is mainly used in residential area, villa, office buildings and other places for receiving calling and communicating through the door phone and open the door remotely. It can provide reliable security assurance and the easy access control

Highlight

- Stylish and simple, can be matched with different decoration styles
- 10.1 inch capacitive touch screen, sensitive touch
- HD voice speech quality with built-in 1W dual speaker and Acoustic Echo Canceller (AEC)
- Built-in Bluetooth (BT 5.0) and Wi-Fi (2.4GHz and 5GHz)
- Support ONVIF protocol
- Monitor over the video door phone and the image of authorized cameras
- Rich interfaces to meet different application scenarios
- Support online management and upgrade
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc

Specification

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

Display
1 x LCD: 10.1-inch 1280x800 Color Touch Screen

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 litter 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
Network Access Control: 802.1x
VPN: OpenVPN (Requires third-party app support)
VLAN
LLDP
CDP
QoS
Wi-Fi

Protocols

- SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS
- DNS A/SRV/NAPTR
- RTP/RTCP/SRTP
- RTSP
- STUN
- DHCP
- CDP
- LLDP
- CDP
- 802.1x
- OpenVPN (Requires third-party app support)
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Deployment & Maintenance

- 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 reset data

Physical Specifications

- 2 keys (Power, volume +/-)
- 10 Pin Cable x1
- 6 Pin Cable x1
- 4 Pin 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
- Power: DC12V/1A or PoE
- Housing material: ABS
- Installation: Desktop (Need to purchase stand separately)
Wall-mounted
- Working temperature: 0 ~ 45°C
- Relative humidity: 10% - 90%
- Equipment Dimension: 258x183x19mm
- Packing Dimension: 318x217x75mm
- Outer CTN Dimension: 450x393x338mm(10 pcs)