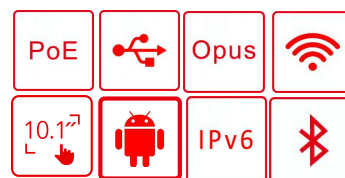# Fanvil i56A SIP Indoor Station

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 service for the users, creating a safe and comfortable living environment.

Highlights

☑ 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 4.2) 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.

| PoE | USB | Opus | Wi-Fi |
| 10.1" | Android | IPv6 | Bluetooth |

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 & 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 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℃
- Relative humidity: 10% - 90%
- Equipment Dimension: 258x183x19mm
- Packing Dimension: 318x217x75mm
- Outer CTN Dimension: 450x393x338mm (10 pcs)

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

Compatibility List:

3CX, Asterisk, AVAYA, broadsoft, epygi, HUAWEI, Jabra GN, metaswitch, NEC

New Rock Technologies, OpenVox, Phonism, plantronics, PORTA ONE, SENNHEISER, Yeastar, ZTE中兴, ZYCOO