SIP
Indoor Station

I56A

PoE | Opus | 10.1" | IPv6
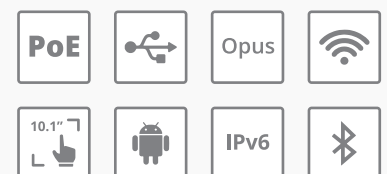
Fanvil i56A is a 10.1 inch indoor station, built-in Bluetooth 5.0 and 2.4G/5G Wi-Fi, integrated with Micro USB and TF interface. Based on Android 9.0 operating system, the interface operation is smooth and intelligent.

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

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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 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

Network Access Control: 802.1x

VPN: OpenVPN (Requires third-party app support)

VLAN

LLDP

CDP

QoS

Wi-Fi

TSF

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)

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