

# SIP

## Indoor Station

I57A



Xtend 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

## Highlight

- 10.1-inch (1280×800) 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 Cancellor
- Built-in Bluetooth 5.0 and 2.4GHz/5G WiFi
- 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-mounted installation

## Specification

### Generic

2 SIP Lines

HD Voice

PoE

1 x LCD: 7-inch 1024\*600 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 AP

### Video

Hardware video decoding: H.264

Video call resolution: QVGA / CIF / VGA / 4CIF / 720P / 1080P

### 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 up to 300ms

DTMF: In-band, Out of Band DTMF (RFC2833) / SIP INFO

## Network

10/100 Mbps Ethernet

IP Mode: IPv4

IP Configuration: Static / DHCP

VPN: OpenVPN (Requires third-party app support)

Wi-Fi

## Physical Specifications

2 keys (Power, volume +/-)

TF card interface (MAX:256G) x1

10 Pin Cable x1

2 Pin 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 interface

2 relays: MAX DC30V / 2A, AC125V / 0.5A

Alarm input interface x8

Doorbell input interface x1

Power: DC12V/1A or PoE

Housing material: ABS & aluminum alloy

Installation: Wall-mounted

Working temperature: -10 ~ 50°C

Relative humidity: 10% - 90%

Equipment Dimension: 295 x 181 x 24 mm

Packing Dimension: 342 x 227 x 76 mm

Outer CTN Dimension: 474 x 405 x 362 mm (10 pcs)

## Protocol

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/SIPPNP/TR-069

Web Management Portal

Supports Web

Supports encrypted configuration files download with AES

Supports Web upgrade

Supports factory data reset