SIP
Indoor Station

I55A

| 7" | ✓ | android | Opus |
| HD | 🛜 | ✦ | PoE |

Xtend I55A indoor station features a 7-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, i55A can serve as a management assistant for communities, villas and office buildings.

TSF

Highlight

- 7-inch (1024×600) capacitive color touch screen
- Android 9.0 operating system, meeting the customization needs of industry applications and secondary development
- Aluminum panel design and five physical buttons, reliable and durable
- Check real-time video of door phones with H.264 video codec and 1080P high resolution
- HD voice speech quality with built-in 1.5W double speakers and Acoustic Echo Canceller
- Built-in Bluetooth 5.0 and 2.4GHz/5G WiFi
- Support RS-485, 8 alarm input interfaces and 2 embedded relays
- Support PoE, 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	

TSF
SYSTEM COMPLIANT

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

5 keys (Manager center key/Monitor key/Unlock key/Return(Hang up key)/Answer key)

10 Pin Cable x1

2Pin 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

Doorbell input interface x1

Power: DC12V/1A or PoE

Housing material: ABS & aluminum alloy

Installation: Wall-mounted

Working temperature: -10 ~ 50ºC

Relative humidity: 10% - 90%

Equipment Dimension: 217x124x21mm

Packing Dimension: 257x175x76mm

Outer CTN Dimension: 405*377*277mm(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 withAES

Supports Web upgrade

Supports factory data reset