XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

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SIP
Indoor Station

I55A

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.

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	

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 litter 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