XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

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IP Door Phone

I23S

The i23S is a vandal-resistant Sip-enabled Audio Door Phone system for security protection in various sceneries. It combines with security, intercom, broadcasting, access control functionalities with telecom grade HD audio for smooth/safe/clear communication.

The i23S is outdoor designed with robust performance and IP65/IK10 protection level for harsh outdoor environment.

Highlight

- Compatible with standard SIP(RFC3261) protocol and main IPPBX/IMS platform
- All-in-One(Access Control, Intercom and Broadcasting)
- Status indication icon
- Build-in 3W speaker and AEC, support high quality hand-free communication.
- Access Control(DTMF, Password, RFID/IC card, Indoor Switch)
- The system design adapts to operating under various environmental conditions and temperatures (supports temperatures ranging from -40 to +70 Celsius.)
- System online maintenance and management

Specification

Access Control Function
Two SIP lines, support SIP 2.0 (RFC3261) and related RFC
POE Enabled
Duplex hands-free (HF)
Default Auto Answer
Open the door operation: DTMF, password, RFID/IC card, Indoor Switch
Support 200,000 door open records
Support 5000 remote access list
Support 5000 RFID/IC cards
Support electric lock internal or external power supply options
Support customized DSS keys
Network Time Synchronization
Action URL / Active URI remote control

Networking/Protocols
Support POE
Primary and secondary DNS servers are supported
Support RTSP
Support SNTP client
Support VPN L2TP/ OpenVPN
Support SRTP
Support HTTP/HTTPS web pages
Support Qos: 802. 1p/q, DSCP
Support MD5 authentication
Support Web Filter
DHCP/static/PPPOE
Support STUN

Audio
Narrowband speech codec: G711a/u, G723. 1. G.726-32K, G. 729AB
Broadband speech codec: G. 722
Duplex intercom with Acoustic Echo Canceller (AEC)-96MS tail-length
DTMF: In-band, out-of-band DTMF(RFC2833)/SIP Info

Deployment & Maintenance
Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
Web Management Portal
Web-based Packet Dump
Configuration Export / Import
Firmware Upgrade
Syslog

Physical Specifications
1 DSS button (speed dial button)
5 indicator lights (including hot-key backlight)
12 Numeric keypad (with backlight)
1 indoor switch
1 relay: MAX DC30V / 1A, AC125V / 0.5A
Active switching output: 12V / 500mA DC
RFID/IC Card: ID (EM4100,125KHz) & IC(MIFARE ONE,13.56MHz)
Microphone: -38dB
Speaker: 4Ω / 3W
WAN port: RJ-45, 10 / 100M adaptive
Power supply: 12V ± 15% / 1A DC or POE
Network cable: CAT5 or better
Shell Material: Aluminum Cover and Cast-Aluminum back case
Installation method: Wall-mounting or Flush-mounting
Storage Temperature: -40~70°C
Working Humidity: 10~90%
Protection level: IP65 and IK10
Overall Dimension: 223 x 130 x 74mm (W x H x L)
Gift Box Dimensions: 310 x 175 x 115mm
Outer CTN Dimensions: 370 x 370 x 330mm(6 PCS)
Package Weight: 1800g