

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

Audio

Narrowband speech codec: G.711a/u, G.723.1, 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

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

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