



# i23S SIP Audio Door Phone

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.



## Highlights

- ☑ Compatible with standard SIP(RFC3261) protocol and main IPPBX/IMS platforms
- ☑ All-in-One(Access Control, Intercom and Broadcasting)
- ☑ Status indication icon for better operation
- ☑ Access Control (by call, by code, IC/RFID, Indoor Switch)
- ☑ Telecom grade HD audio with built-in 3W speaker and AEC; adapt for noisy environment
- ☑ Protection level: IP65 and IK10
- ☑ Supports wide working temperature range from -40 to +70°C
- ☑ System online maintenance and management

## Access control function

- Two SIP lines, support SIP 2.0 (RFC3261) and related RFC
- POE Enabled
- Full-duplex handsfree (HF)
- Default Auto Answer
- Open the door operation: DTMF, password, RFID card, switch
- Support 200,000 door open records
- Support 1000 remote access list
- Support 1000 RFID 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
- Full Duplex Echo Cancellation (AEC) – 96ms tail-length
- DTMF: In-band, out-of-band DTMF (RFC2833) / SIP Info

## Deployment & Maintenance

- Auto-Provisioning via  
FTP / TFTP / HTTP / HTTPS / DHCP / TR069 / SIP PNP
- Web Management Portal
- Web-based Packet Dump
- Configuration Backup / Restore
- Entry Log Export
- Access Table Export / Import
- Firmware Upgrade
- Syslog(include door access logs)

## Networking/ Protocols

- Support PoE
- Primary and secondary DNS servers are supported
- Support RTSP
- Support SNTP client
- VLAN
- 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

## Physical Specifications

- 1 DSS button (speed dial button)
- 5 indicator lights (including hot-key backlight)
- Numeric keypad
- 1 indoor switch
- 1 relay: MAX DC30V / 1A, AC125V / 0.5A
- Active switching output: 12V / 650mA DC
- RFID reader: EM4100(125KHz) and 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 per carton)
- Package Weight:1800g

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.

For more information, please visit : [www.fanvil.com](http://www.fanvil.com)

## Compatibility List:



[www.fanvil.com](http://www.fanvil.com)

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