



## i23S IP 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 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



Model	Screen	Button	Camera
i23S	10/100Mbps	1	×

### 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: 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

### 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
- Qty/CTN: 6 PCS
- N.W/CTN: 10.86kg
- G.W/CTN: 11.88kg
- 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

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)

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Add: 10/F Block A, Dualshine Global Science Innovation Center, Honglang North 2nd Road, Bao'an District, Shenzhen, China

Tel: +86-755-2640-2199 Fax: +86-755-2640-2618 Email: [sales@fanvil.com](mailto:sales@fanvil.com)

