

## Fanvil i23 SIP Door Phone - In Wall



Product Name: Fanvil i23 SIP Door Phone - In Wall

Manufacturer: -

Model Number: fanvil-i23-IW

Please Note: This product is no longer available. We recommend the Fanvil i23S IP Audio Door Phone as an alternative

### Fanvil i23 SIP Door Phone - In Wall

The Fanvil i23 in-wall version combines IP technology with industrial design, creating a high quality door entry system perfect for a number of different applications. The i23 in-wall has an anti-tamper alarm and IK10 and IP65 certification.

#### Fanvil i23 in-wall Key Features

- 1/2 HD Voice with G.722 encoding
- 1/2 Anti-tamper alarm
- 1/2 Advanced protection with IP65 and IK10
- 1/2 Noise reduction

The Fanvil i23 is available as both an in wall unit and wall-mounted.

#### Fanvil i23 Technical Specification

##### Generic

- 1/2 2 SIP Lines
- 1/2 PoE enabled
- 1/2 Full-duplex speakerphone (HF)
- 1/2 Numeric keypad (dial pad or password input)
- 1/2 Intelligent DSS keys (speed dial, intercom, etc)
- 1/2 Integrated noise reduction module with dual MICs
- 1/2 1 indoor switch interface
- 1/2 1 electric lock relay
- 1/2 2 short-circuit output relays(optional)
- 1/2 Anti-tamper switch
- 1/2 External power supply
- 1/2 Status indication with icons: door opening, talking, call incoming, network/SIP working
- 1/2 Access control: call, password, RFID card, indoor switch
- 1/2 Door phone, intercom, and paging to one device
- 1/2 Protection level: IP65, IK10
- 1/2 Wall mounting/ Flush mounting

#### Call Features

- 1/2 Voice intercom
- 1/2 Speed dial
- 1/2 Auto-answering (per line)
- 1/2 Voice message (on server)
- 1/2 Barge in/ Calls switched automatically
- 1/2 Local 3-ways conference
- 1/2 Hotline

#### Phone Features

- 1/2 High quality voice calls
- 1/2 Support SIP 2.0 and related RFCs

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- Call logs (dialed/incoming/missed)
- Door access logs
- Support 500 RFID cards
- Programmable DSS keys
- Network Time Synchronization
- Action URL / Active URI

### Audio

- Wideband codec: G.722
- Narrowband codec: G.711a/u, G.723.1, G.726-32K, G.729AB
- Full-duplex, Acoustic Echo Canceller (AEC) up to 96ms
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out of Band (RFC2833) / SIP INFO
- Long distance voice pickup up to 5 m

### Networking

- 802.3af PoE
- IP Configuration: Static / DHCP / PPPoE

### Compatibility

- Network Access Control: 802.1x
- VPN: L2TP / PPTP / IPSec
- VLAN: 802.1p/q
- QoS: DSCP

### Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- 802.1x
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- Tr069

### 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)

## Fanvil i23 SIP Door Phone - In Wall

### Physical Specifications

• Buttons: Numeric keypad 1 DSS Key  
• Ethernet: WAN-- 10/100BASE-Tx with auto-MDIX (RJ45) LAN-- 10/100BASE-Tx with auto-MDIX (RJ45)  
• PoE: 802.3af, Class 3 (WAN port)  
• Main Chipset: Broadcom  
• Passive Switch(short-circuit output): NC/NO contacts, max 30V/1A AC/DC  
• Active Switch Output: 12V/700mA DC  
• RFID/IC Card: EM4100(125kHz), MIFARE ONE(13.56MHz), NFC(optional)  
• Audio Amplifier: 2.4W  
• Cables: CAT5 or better  
• Power Supply: 12V±5%/1A DC or PoE  
• Shell Material: Aluminum alloy  
• Protection level: IP65, IK10  
• Storage Temperature: -40~70°C;  
• Working Humidity: 10~90%  
• Device Dimension: 223 x 130 x 74mm (W x H x L)  
• Package Weight: 1.85KG

**Please Enquire**