

Fanvil i20S SIP Door Phone



Product Name: Fanvil i20S SIP Door Phone

Manufacturer: -

Model Number: i20S

Please Note: This product has been discontinued. Please see the Fanvil i61 for an available alternative.

Fanvil i20S SIP Door Phone

The design of Fanvil i20S Sip Door phone is based on experience and knowledge of Fanvil IP phone development. The i20S uses standard IP/RTP/RTSP protocol for voice transmission and enjoy the advantages of a full range of compatibility. It has a variety of enterprise-level features and is compatible with lots of major platforms, such as 3CX, Asterisk, Broadsoft, Elastix, etc. The robust mechanical construction of the i20S SIP door phone offers protective coverage rating against dust and water (IP65). The i20S operates economically with its triple function all-in-one access control by call, code and RFID card.

Fanvil i20S Key Features

- Compatible with standard SIP (RFC3261) protocol and main IPPBX/IMS platform.
- Access Control (by call, by code, IC/RFID)
- All-in-One (Access Control, Intercom and Broadcasting)
- Build-in 3W speaker and AEC, support high-quality hand-free communication.
- Status indication icon
- System online maintenance and management

Applications

• Offices

All-in-one IP Doorphone The Fanvil i20S is a multi-functional solution that supports remote DTMF, local password and RFID cards to open the door. Speed-dial button calling Enable the speed-dial with the simple press of one button. Smart network configuration End users can use a VoIP phone, PC or SIP software to talk with visitors and monitor remotely.

Fanvil i20S - Technical Specifications

Generic

- 2 SIP Lines
- POE Enabled
- Full-duplex speakerphone (HF)
- Intelligent DSS Keys (Speed Dial)
- Wall-mount installation
- Integrated RFID Card reader
- Integrated indoor switchgear
- Integrated one Relay
- External Power Supply
- All-in-One: Access Control, Intercom and Broadcasting
- Access control-by call, code, RFID card
- Industrial Standard Certifications: IP65, CE/FCC

Call Features

Fanvil i20S SIP Door Phone

- Intercom
- Speed Dial
- Auto-Answering (per line)
- Voice Message (on server)
- Local 3-way Conference
- Hot Line

Phone Features

- Open Door Log
- Access Table (500 entries)
- Support RFID Card issues (500 entries)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Action URL / Active URI

Audio

- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband CODEC: G.722
- Full-duplex Acoustic Echo Cancellor (AEC) & Hands-free Mode, 96ms tail-length
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band & DTMF-Relay (RFC2833) / SIP INFO

Networking

- 802.3af PoE
- IP Configuration: Static / DHCP / PPPoE
- 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 Open VPN
- SNMP
- FTP / TFTP
- HTTP / HTTPS
- TR069

Deployment & Maintenance

- Auto-Provisioning via FTP / TFTP / HTTP / HTTPS / DHCP / TR069 / SIP PNP

Fanvil i20S SIP Door Phone

i20S 1/2 Web Management Portal
i20S 1/2 Web-based Packet Dump
i20S 1/2 Configuration Backup / Restore
i20S 1/2 Entry Log Export
i20S 1/2 Access Table Export / Import
i20S 1/2 Firmware Upgrade
i20S 1/2 Syslog(include door access logs)

Physical Specifications

i20S 1/2 1 DSS Key
i20S 1/2 Numeric keypad
i20S 1/2 WAN: 10/100BASE-Tx, Auto-MDIX,RJ-45
i20S 1/2 PoE: 802.3af(Class 3 - 6.49~12.95W)
i20S 1/2 Passive Switch(short-circuit output): NC/NO Contacts, MAX 30V/1A AC/DC
i20S 1/2 Active Switch output: 12V/700mA DC
i20S 1/2 RFID/IC Card: EM4100 (125KHz)----Standard MIFARE ONE (13.56MHz) ----Custom-made
i20S 1/2 Main Chipset: Broadcom
i20S 1/2 Speaker: 40/3W
i20S 1/2 Cables: CAT5 or better
i20S 1/2 Power Supply: 12V/1A DC or PoE
i20S 1/2 Shell material: Metal panel, ABS sump
i20S 1/2 Protection level: IP65
i20S 1/2 Working Temperature: -10~60?
i20S 1/2 Storage Temperature: -40~70?
i20S 1/2 Working Humidity: 10~90%
i20S 1/2 Device Dimension: 160 x 93 x 35mm
i20S 1/2 Package size: 178 x 104 x 55mm
i20S 1/2 Device Weight: 300g
i20S 1/2 Gross weight: 420g

Please Enquire

Options available for Fanvil i20S SIP Door Phone :

Support Required

Voipon Premium Support Starter (+\$93.42), Not Required.

Fanvil RFID Card

Required (+\$6.23), Not Required.