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

ï¿½ Compatible with standard SIP (RFC3261) protocol and main IPPBX/IMS platform.
ï¿½ Access Control (by call, by code, IC/RFID)
ï¿½ All-in-One(Access Control, Intercom and Broadcasting)
ï¿½ Build-in 3W speaker and AEC, support high-quality hand-free communication.
ï¿½ Status indication icon
ï¿½ System online maintenance and management

Applications

ï¿½ Offices

All-in-one IP DoorphoneThe Fanvil i20S is a multi-functional solution that supports remote DTMF, local password and RFID cards to open the door.Speed-dial button callingEnable the speed-dial with the simple press of one button.Smart network configurationEnd uses can use a VoIP phone, PC or SIP software to talk with visitors and monitor remotely.
Fanvil i20S - Technical Specifications
Generic

ï¿½ 2 SIP Lines
ï¿½ POE Enabled
ï¿½ Full-duplex speakerphone (HF)
ï¿½ Intelligent DSS Keys (Speed Dial)
ï¿½ Wall-mount installation
ï¿½ Integrated RFID Card reader
ï¿½ Integrated indoor switchgear
ï¿½ Integrated one Relay
ï¿½ External Power Supply
ï¿½ All-in-One: Access Control, Intercom and Broadcasting
ï¿½ Access control-by call, code, RFID card
ï¿½ Industrial Standard Certifications: IP65, CE/FCC

Call Features

Fanvil i20S SIP Door Phone

ï¿½ Intercom
ï¿½ Speed Dial
ï¿½ Auto-Answering (per line)
ï¿½ Voice Message (on server)
ï¿½ Local 3-way Conference
ï¿½ Hot Line

Phone Features

ï¿½ Open Door Log
ï¿½ Access Table (500 entries)
ï¿½ Support RFID Card issues (500 entries)
ï¿½ Programmable DSS/Soft keys
ï¿½ Network Time Synchronization
ï¿½ Action URL / Active URI

Audio

ï¿½ Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
ï¿½ Wideband CODEC: G.722
ï¿½ Full-duplex Acoustic Echo Canceller (AEC) – Hands-free Mode, 96ms tail-length
ï¿½ Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE)
ï¿½ Packet Loss Concealment (PLC)
ï¿½ Dynamic Adaptive Jitter Buffer up to 300ms
ï¿½ DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO

Networking

ï¿½ 802.3af PoE
ï¿½ IP Configuration: Static / DHCP / PPPoE
ï¿½ Network Access Control: 802.1x
ï¿½ VPN: L2TP / PPTP / IPSec
ï¿½ VLAN: 802.1p/q
ï¿½ QoS: DSCP

Protocols

ï¿½ SIP2.0 over UDP / TCP /TLS
ï¿½ RTP / RTCP /SRTP
ï¿½ STUN
ï¿½ DHCP
ï¿½ PPPoE
ï¿½ 802.1x Open VPN
ï¿½ SNTP
ï¿½ FTP / TFTP
ï¿½ HTTP / HTTPS
ï¿½ TR069

Deployment & Maintenance

ï¿½ Auto-Provisioning via FTP / TFTP / HTTP / HTTPS / DHCP / TR069 / SIP PNP

Fanvil i20S SIP Door Phone

ï¿½ Web Management Portal
ï¿½ Web-based Packet Dump
ï¿½ Configuration Backup / Restore
ï¿½ Entry Log Export
ï¿½ Access Table Export / Import
ï¿½ Firmware Upgrade
ï¿½ Syslog(include door access logs)

Physical Specifications

ï¿½ 1 DSS Key
ï¿½ Numeric keypad
ï¿½ WAN: 10/100BASE-Tx, Auto-MDIX,RJ-45
ï¿½ PoE: 802.3af(Class 3 - 6.49~12.95W)
ï¿½ Passive Switch(short-circuit output): NC/NO Contacts, MAX 30V/1A AC/DC
ï¿½ Active Switch output: 12V/700mA DC
ï¿½ RFID/IC Card: EM4100 (125KHz)----Standard MIFARE ONE (13.56MHz) ----Custom-made
ï¿½ Main Chipset: Broadcom
ï¿½ Speaker: 4O/3W
ï¿½ Cables: CAT5 or better
ï¿½ Power Supply: 12V/1A DC or PoE
ï¿½ Shell material: Metal panel, ABS sump
ï¿½ Protection level: IP65
ï¿½ Working Temperature: -10~60?
ï¿½ Storage Temperature: -40~70?
ï¿½ Working Humidity: 10~90%
ï¿½ Device Dimension: 160 x 93 x 35mm
ï¿½ Package size: 178 x 104 x 55mm
ï¿½ Device Weight: 300g
ï¿½ Gross weight: 420g

Please Enquire

Options available for Fanvil i20S SIP Door Phone :

Support Required

Not Required, VoIPon Premium Support Starter (+£75.00).

Fanvil RFID Card

Not Required, Required (+£5.00).