Fanvil i12 SIP Door Phone Data Sheet

The i12 SIP Door Phone features an aluminum alloy front panel with a cast aluminum backplate providing waterproof, dust proof and IP65 rated operation with built-in tamper-proof detection.

FEATURE HIGHLIGHTS

- One key call function
- Two inputs for connection to door sensors, emergency buttons and other security features
- Two outputs for connection to alarm, locks and other equipment
- Duplex speakerphone
- Wall mount installation

icon cloud solutions

SET FEATURES

- 2 SIP lines
- Duplex speaker phone (HF)
- Intelligent DSS Keys(Speed dial)
- Wall-mount installation
- 2 embedded short circuit input interfaces
- 2 embedded short circuit output interfaces. Support 4 controlled events: remote DTMF; remote server's commands; interaction with short circuit input; talking status
- Output interface for active speaker
- Audio record output interface
- External Power Supply
- Multicast
- All in ONE: Radio and intercom, intelligent security function
- Industrial Standard Certifications: IP65, IK10, CE/FCC

CALL FEATURES

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

PROTOCOLS

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
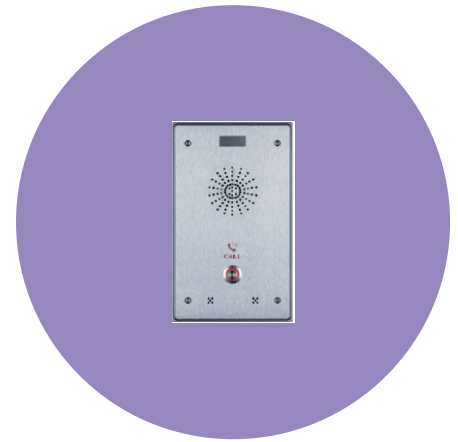
DEPLOYMENT & MAINTENANCE

- 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
- 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
- Duplex intercom with Acoustic Echo Canceller (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
- Omnidirectional pickup: the pickup distance is up to 5 meters

NETWORKING

- Physical: 10/100 Mbps Ethernet
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- VLAN
- QoS

PHYSICAL SPECIFICATIONS

- 1 DSS key (Speed Dial)
- RJ45 Ethernet Jacket x2: Network x1, PC x1 (Bridged to Network)
- Main Chipset: Broadcom
- Passive Switch: Normally Open and Normally Closed highest at 30V/1A AC/DC
- Output interface for active speaker
- Audio record output interface
- 2 embedded short circuit input interfaces
- 2 embedded short circuit output interfaces
- Speaker: 3W/4Ω
- Cables: CAT5 or better
- Power Supply: 10~14V/1.5A DC or PoE
- Shell Material: Front plate, aluminum alloy. Back plate, Cast aluminum
- Protection level: IP65 and IK10
- Working Temperature: -40~70℃
- Storage Temperature: -40~70℃
- Working Humidity: 10~90%
- Overall Dimension: 195x120x39mm (W x H x L)
- Package Dimensions: 260x165x62mm (W x H x L)
- Package Weight: 0.85kg

About ICON Cloud Solutions

ICON specializes in cloud and customer-premises based voice, video, alert and unified communications platforms.

icon cloud solutions

www.iconcloud.com
Phone: 972.786.9000
Email: sales@iconcloud.com