

## Fanvil i12 SIP Intercom - Dual Button



Product Name: Fanvil i12 SIP Intercom - Dual Button

Manufacturer: -

Model Number: I12-02P

**Please Note:** This product has been discontinued. For an alternative, please see the Fanvil i16S.

### Fanvil i12 SIP Intercom - Single Button

The Fanvil i12-Dual is an intelligent, dual button security intercom designed for a range of different application scenarios such as banks, schools, museums, city centres and many more. The i12-dual combines IP technology with an industrial intercom and can be easily configured and managed.

#### Fanvil i12 IP Door Intercom Key Features

- HD Voice with G.722 encoding
- 2-buttons
- PoE enabled
- Anti-tamper alarm
- Security Linkage
- Advanced protection with IP65 and IK10
- Noise reduction
- Wide temperature range
- Two buttons

#### Applications

- Banks
- Museums
- Schools

The Fanvil i12 SIP intercom is also available in a single button model. Supports two output and input short circuits. The i12 intercom supports two output short circuits for video surveillance and alarm light and two input short circuits for a door phone button and an emergency button. 24 hour surveillance. The i12 dual and single button models support REC out connect port and connect with audio input port of camera or digital recording equipment to achieve 24 hours of monitoring. Use in different environments and application scenarios. Use the Fanvil i12 in various scenarios such as commercial buildings, stations, stadiums, prisons and many more. Highly durable. The Fanvil i12 dual and single button models are water-proof, dust-proof, and strike proof, making these intercom units highly resistant to malicious damage.

#### Fanvil i12 - Technical Specifications

##### Generic

- 2 SIP Lines
- PoE enabled (Power over Ethernet)
- Full-duplex speakerphone
- Intelligent DSS Keys (Speed dial)
- Wall-mount installation
- Special integrated noise reduction module
- Omnidirectional voice pickup
- 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

## Fanvil i12 SIP Intercom - Dual Button

- Output interface for active speaker
- Audio record output interface
- External Power Supply
- Multicast
- All in ONE: door access, intercom and paging service
- Industrial standard certifications: IP65, IK10, CE/FCC

### Call Features

- Intercom
- Speed dial(speed dial key)
- Auto-answering (per line)
- Voice message (on server)
- Local 3-way Conference

### Phone features

- Call log (900 entries, in/out/missed)
- Programmable DSS 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 Canceller (AEC) – Hands-free mode, 96ms tail-length
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise
- Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic adaptive jitter buffer up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833)/ SIP INFO
- Omnidirectional voice pickup: pickup distance to 5 m

### Networking

- Physical: RJ45 Ethernet Jacket x2: Network x1 (802.3AF POE Enabled), LAN x1 (Bridged to Network)
- IP configuration: Static / DHCP / PPPoE
- Network access control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- VLAN
- QoS

### Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- 802.1x
- L2TP (Basic Unencrypted)
- OpenVPN
- SNTP
- FTP/TFTP

## Fanvil i12 SIP Intercom - Dual Button

• 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

• Firmware upgrade

• Syslog

Physical Specifications

• 1 or 2 Hands-free keys or DSS Keys (Speed dial)

• RJ45 Ethernet port x2: Network x1 (802.3AF POE enabled), LAN x1 (Bridged to network)

• Main chipset: Broadcom

• Passive switch(short-circuit output): normally open and normally closed highest at 30V/1A  
AC/DC

• Audio Amplifier: 2.5W

• Output interface for active speaker

• Audio record output interface

• 2 embedded short-circuit input interfaces/2 embedded short-circuit output interfaces

• Speaker: 2W/4Ω;

• Cables: CAT5 or better

• Power supply: 10~14V/1.5A DC or PoE

• Shell material: Aluminum cover and back case

• Protection level: IP65 and IK10

• Working temperature: -40~70°C

• Storage temperature: -40~70°C

• Working humidity: 10~90%

• Overall dimension: 195x120x39mm (W x H x L)

• Package dimensions: 260x165x62mm (W x H x L)

• Package weight: 0.85KG

**Please Enquire**

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Options available for Fanvil i12 SIP Intercom - Dual Button :

### Power Supply Required?

Not Required, [UK-PSU-12V \(+£8.35\)](#).

### Support Required

Not Required, [VoIPon Premium Support Starter \(+£75.00\)](#).