

## Fanvil i16S SIP Intercom (i16S)



**Product Name:** Fanvil i16S SIP Intercom (i16S)

**Manufacturer:** Fanvil

**Model Number:** i16S

### Fanvil i16S SIP Intercom (i16S)

The Fanvil i16S is designed for outdoor environments with high reliability, HD Audio, and IP65/IK10 protection grade. It combines security, audio intercom and broadcasting functionalities and offers the best communication solution for users.

#### Fanvil i16S Key Features

- IK10 anti-collision with robust die-cast aluminum frame
- Anti-tamper- alarming as long as the cover is apart from the housing, and reporting to the control center at the same time
- HD voice speech quality with built-in 3W speaker and Acoustic Echo Canceller
- Audio line out port, expandable external active speaker.
- Built-in 2 short-in detect port and 2 short-out control port
- Support built-in TF card slot for data storage or audio offline broadcasting.
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

The Fanvil I16S is a robust, industrial-grade intercom designed for secure communication and durability, featuring an IK10 anti-collision rating with a die-cast aluminum frame. It offers anti-tamper alarm functionality, automatically notifying the control center if the cover is removed. With a built-in 3W speaker and Acoustic Echo Canceller, it delivers HD voice quality and includes an audio line-out port for external speaker expansion. The I16S also supports two short-in detect ports, two short-out control ports, and a built-in TF card slot for data storage or offline audio broadcasting. It is compatible with major platforms like Asterisk, Broadsoft, 3CX, and Avaya, making it an ideal solution for secure environments.

#### Fanvil i16S Technical Specifications

##### General

- 2 SIP lines
- Speed dial
- Linkage with IP camera to realize video intercom
- Oral announcement of the IP address(in English)
- MP3 broadcasting
- Support programmable DSS key
- Support mono active speaker
- Talkback recording output
- Switch signal input and output
- Support TF card
- PoE enabled

##### Device function

- Auto-answering
- Programmable DSS keys
- Through button or web page volume adjustment
- Network time synchronization
- Time Plan (task management)
- Incoming call multicast
- Dynamic multicast function
- HTTP API
- Action URL / Active URI

## Fanvil i16S SIP Intercom (i16S)

### Call functions

- Call out / answer / reject
- Call waiting
- Intercom, Multicast
- Speed dial
- Anonymous call (Hide caller ID)

### Audio

- Narrowband codec: G.711A/U, G.729A/B, iLBC, G.723, G.726-32K
- Wideband codec: G.722, Opus
- Full-duplex hands-free speakerphone with AEC
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)

### Networking

- Physical: 10/100 Mbps Ethernet
- IP mode: IPv4/IPv6/IPv4&IPv6
- IP configuration: Static IP / DHCP / PPPoE
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- Qos

### Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- PPPoE
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

### Physical Specification

- 1 DSS key (support LED)
- RJ45 port x1: connect the network / Power over Ethernet (IEEE 802.3af), class 3
- Line out port x1: connect the active speaker / Out: adjustable by volume, max up to 1.2Vpp. / Port: terminal socket
- Recording output port x1: connect audio device / Out: mixed output of local microphone voice and call voice recording / Impedance: 15 Ohm / Port: terminal socket
- Short circuit input and output port x2 (built-in relay) / Relay: MAX DC30V / 2A, AC125V / 0.5A / Active switching output: 12V/500mA DC(only 1 relay support) / Port: terminal socket
- Tamper alarm switch x1
- TF card slot x1: connect TF card
- DC port x1: DC power input / DC power input: DC12V~24V/1A / Port: 2 Pin terminal socket
- Protection level: IP65 and IK10
- Housing material: aluminum alloy shell

## Fanvil i16S SIP Intercom (i16S)

i16S Installation: wall-mounted  
i16S Working temperature: -30-60 degrees C  
i16S Storage temperature: -40-70 degrees C  
i16S Working humidity: 10~95%  
i16S Device dimensions: 195x120x40 mm  
i16S Gift box dimensions: 260x165x62 mm  
i16S Outer CTN dimensions: 348x328x280 mm (10 PCS)

**Price: £124.30**

---