

Fanvil i16S SIP Intercom (i16S)



Product Name: Fanvil i16S SIP Intercom (i16S)

Manufacturer: Fanvil

Model Number: i16S

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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

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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 switchx1
- 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

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

Price: Â£124.30
