

SIP

Intercom

i16S



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

Highlights

- Built-in HD camera with infrared night vision, adopt H.264 codec (only i16SV)
- IP65 waterproof and dustproof.
- 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.

Specification

Generic

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

Incoming call multicast

Dynamic multicast function

HTTP API

Action URL / Active URI

Call Functions

Call out / answer / reject

Call waiting

Intercom, Multicast

Speed dial

Anonymous call (Hide caller ID)

Call parking/pick-up (depending on server)

Device Functions

Auto-answering

Programmable DSS keys

Through button or web page volume adjustment

Network time synchronization

Time Plan (task management)

Audio

Narrowband Codec: G.711A/U, G.729A/B

Wideband Codec: G.722, Opus

Full-duplex hands-free speakerphone with AEC

DTMF: In-band, Out of Band (RFC2833/SIP INFO)

Network

Physical: 10/100 Mbps Ethernet

IP mode:IPv4/IPv6/IPv4&IPv6

IP configuration: Static IP / DHCP / PPPoE

VPN: L2TP / OpenVPN

Protocols

SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS

RTP/RTCP/SRTP

STUN

DHCP

IPv6

PPPoE

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

Physical Specifications

1 DSS key (support LED)

RJ45 port x1: connect the network

Line out port x1: connect the active speaker

Recording output port x1: connect audio device

Short circuit input and output port x2 (built-in relay)

Tamper alarm switchx1

TF card slot x1: connect TF card

DC port x1: DC power input

PoE level: Class 3

Protection level: IP65 and IK10

Housing material: aluminum alloy shell

Installation: wall-mounted

Working temperature: -30°C ~ 60°C

Storage temperature: - 40°C ~ 70°C

Working humidity: 10~95%

Device dimensions: 195x120x40 mm

Gift box dimensions: 260x165x62 mm

Outer CTN dimensions: 348x328x280 mm (10 PCS)