

Fanvil i10S/i10SV/i10SD SIP Mini Intercom

The i10S/i10SV/i10SD SIP mini intercom is designed for indoor scenes with IP54 waterproof and dustproof. Supports wall mounting installation. It combines security, audio/video intercom and broadcasting functionalities and offers the qualified communication solution for users.



i10S i10SV i10SD

Model	Screen	Button	Camera
i10S	10/100Mbps	1	×
i10SV	10/100Mbps	1	√
i10SD	10/100Mbps	2	×

Highlights

- Easy installation and configuration.
- IP54 waterproof and dustproof.
- -20 °C to 50 °C wide range temperature adaptability.
- Built-in 1W speaker and Acoustic Echo Canceller (AEC).
- Built-in 1short circuit input/output interface.
- Functionality including security, intercom and broadcasting.
- Built-in HD camera and with backlight compensation function (for i10SV).
- Adaptive 10/100 Mbps network port, integrated PoE
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

Generic

- 2 SIP lines
- Speed dial
- Linkage with IP camera to realize video intercom
- Oral announcement of the IP address(in English)
- Switch signal input and output
- Support programmable DSS key ports
- PoE enabled

Device Functions

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

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)

Video (Only i10SV)

- Sensor: 1/5” color CMOS
- Pixels: 2 Mega
- Video coding: H.264
- Resolution: 720P, 1080P
- Minimum illumination: 40%
- Viewing angle:
  - Diagonal: 73°
  - Horizontal: 63.3°
  - Vertical: 49.6°

Network

- 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

Deployment & Management

- 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

- DSS Keys, follow model
  - i10S/i10SV: 1 DSS key (speed dial key)
  - i10SD: 2 DSS keys
- RJ-45 port x1: connect the network
  - WAN port: connect the network, Power over Ethernet (IEEE 802.3af), class 3
- Line-out port x 1: connect the active speaker
  - Port: terminal socket
- Short circuit input and output port x1 (built-in relay)
  - Relay: MAX DC30V / 1A, AC125V / 0.5A
  - Port: terminal socket
- DC port: DC power input
  - DC power input: DC12V / 1A
  - Port: terminal socket
- Power Consumption (Adapter)：1.32~2.33W
- Power Consumption (PoE)：1.76~2.85W
- Protection level: IP54
- Housing material: ABS
- Installation: Wall-mounted
- Working temperature: -20℃ ~ 50℃
- Storage temperature: - 30℃ ~ 60℃
- Working humidity: 10~95%
- Qty/CTN：20 PCS
- N.W/CTN:7.35kg
- G.W/CTN:7.88kg
- Device dimensions: 88x88x32 mm
- Gift box dimensions: 95x108x40 mm
- Outer CTN dimensions: 241x225x215 mm

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.
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