



# i10/i10V/i10D SIP mini Intercom

The i10/i10V/i10D 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.

### 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 Cancellor (AEC).
- Built-in 1short circuit input/output interface.
- Functionality including security, intercom and broadcasting.
- Built-in HD camera and with backlight compensation function (for i10V).
- Online management and upgrade.
- High compatibility – Compatible with major platforms: Asterisk, Broadsoft,3CX, Metaswitch, Elastix, Avaya etc.



Model	Screen	Button	Camera
i10	10/100Mbps	1	×
i10V	10/100Mbps	1	✓
i10D	10/100Mbps	2	×

### Generic

- 2 SIP Lines
- Auto answer
- Intercom function

### Intercom Function

- Support customized DSS keys
- Network Time Synchronization
- Action URL / Active URL

### Audio

- Narrowband Codec: G.711a/u, G.729AB, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Cancellor (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

### Video (i10V)

- Sensor: 1/4" color CMOS
- 1 MegaPixel
- Video coding: H.264
- Resolution: 720P
- Viewing angle: 90°

- Minimum illumination: 0.1Lux

### Networking

- Physical: 10/100 Mbps Ethernet
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP / PPPoE
- Network access authority authentication: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS

### Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- LLDP
- PPPoE
- 802.1x
- 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

- i10/i10V :1 DSS button (speed dial button); i10D:2 DSS button
- 1 RJ45 port
- 1 short circuit input interface

- 1 relay: NC/NO Contacts, Max DC30V/1A, AC125V/0.5A
- Active switching output: 12V/650mA DC
- Power: DC12V/1A or POE
- Housing material: ABS
- Installation: Indoor installation
- working temperature: -20 ~50 °C
- Storage temperature: -20 ~ 50 °C
- Relative humidity: 10% - 90%
- Equipment Dimension: 88 x 88 x 31mm
- Packing Dimension: 95x108x40mm
- Outer CTN Dimension: 241x225x215mm (20 PCS)
- Equipment weight: 135g

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. For more information, please visit: [www.fanvil.com](http://www.fanvil.com)

### Compatibility List:

