SIP
Mini Intercom

i10S/i10SV/i10SD

SOS PoE IPv6

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.

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.

Specification

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 enable

Device Functions
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

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
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

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

- DSS Keys: i10S/i10SV: 1 DSS key (speed dial key)
  i10SD: 2 DSS keys
- RJ45 port x1: connect the network;
  WAN port: connect the network, support PoE
- 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
- PoE level: Class 3
- Protection level: IP54
- Housing material: ABS
- Installation: Wall-mounted
- Working temperature: -20°C ~ 50°C
- Storage temperature: - 30°C ~ 60°C
- Working humidity: 10~95%
- Device dimensions: 88x88x32 mm
- Gift box dimensions: 95x108x40 mm
- Outer CTN dimensions: 241x225x215 mm (20 PCS)