

SIP

Mini Intercom

i10/i10V/i10D



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 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 i10V).
- Online management and upgrade.
- High compatibility – Compatible with major platforms: Asterisk, Broadsoft,3CX, Metaswitch, Elastix, Avaya etc.

Specification

Generic

2 SIP Lines

Auto answer

Intercom function: Support customized DSS keys; Network Time Synchronization; Action URL / Active URL

Video & Audio

Sensor: 1/4" color CMOS

1 MegaPixel

Video coding: H.264

Resolution: 720P

Minimum illumination: 0.1Lux

Viewing angle: Diagonal: 84.1°; Horizontal: 71.7°; Vertical: 56.7°

Narrowband Codec: G.711a/u, G.729AB, iLBC

Wideband Codec: G.722, Opus

Duplex intercom with Acoustic Echo Canceller (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

Network

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

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