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