

IP Intercom

i12



The front plat of this model is aluminum alloy material with cast aluminum back plate, it makes sure that this model support waterproof, dustproof function and IP65 protection level; We also use build-in tamper-proof detector to prevent external destroy.

Highlights

- Support one call key and two keys mode to choose.
- With voice record output, can connect to hard disk video recording.
- Two input, support to connect with infrared probe, door sensor, vibration sensor and emergency button etc., build the security linkage.
- Two output, can connect with alarm lamp, locks and other equipment, control the security linkage through DTMF, remote server or two output input linkage controller.
- With external active speaker output interface, support HD voice(G.722) background music broadcast.
- High compatibility – Compatible with major platforms:Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

Specification

Generic

2 SIP Lines

Duplex speaker phone (HF)

Intelligent DSS Keys(Speed dial)

Wall-mount installation

2 embedded short circuit input interfaces

2 embedded short circuit output interfaces. Support 4 controlled events: remote DTMF; remote server's commands; interaction with short circuit input; talking status

Output interface for active speaker

Audio record output interface

External Power Supply

Multicast

All in ONE: Radio and intercom, intelligent security function

Industrial Standard Certifications: IP65, IK10, CE/FCC

Call Features

Intercom

Speed Dial

Auto-Answering (per line)

Voice Message (on server)

Local 3-way Conference

Intercom Function

Call log (900 entries, in/out/missed)

Programmable DSS/Soft keys

Network Time Synchronization

Action URL / Active URI

Audio

Narrowband Codec: G.711a/u, G.723.1, G.726-32K, G.729AB

Wideband Codec: G.722

Duplex intercom with Acoustic Echo Canceller(AEC)-Hands-free mode, 96ms tail-length

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

Omnidirectional pickup: the pickup distance is up to 5 meters

Network

Physical: 10/100 Mbps Ethernet

IP Configuration: Static / DHCP / PPPoE

Network Access Control: 802.1x

VPN: L2TP (Basic Unencrypted) / OpenVPN

VLAN

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

1 DSS key (Speed Dial)

RJ45 Ethernet Jacket x2: Network x1, PC x1 (Bridged to Network)

Main Chipset: Broadcom

Passive Switch: Normally Open and Normally Closed highest at 30V/1A AC/DC

Output interface for active speaker

Audio record output interface

2 embedded short circuit input interfaces

2 embedded short circuit output interfaces

Speaker: 3W/4Ω

Cables: CAT5 or better

Power Supply: 10~14V/1.5A DC or PoE

Shell Material: Front plate, aluminum alloy. Back plate, Cast aluminum

Protection level: IP65 and IK10

Working Temperature: -40~70°C

Storage Temperature: -40~70°C

Working Humidity: 10~90%

Overall Dimension: 195x120x39mm (W x H x L)

Package Dimensions: 260x165x62mm (W x H x L)

Package Weight: 0.85kg