

Voice VoIP intercom



Features

- The door can be opened from any VoIP communication device
- Electronic SIP voice communication device
- Door open sensor
- Integration with IP telephony systems
- Perfect integration with Asterisk®
- Separate volume controls for microphone and loudspeaker
- Khomp IP gatekeepers use the User Datagram Protocol (UDP) to send and receive information

Applications

- IP intercom for security systems
- Wall IP communication device to allow talking via hand-free SIP calling
- Communication device for access control systems

Optional resources

- **P** - Power over Ethernet (POE 802.3af)

Overview

The IP Intercom is an intercom of the Khomp SIP endpoints line. Developed as a new solution for intercom or automation applications. A VoIP device with onboard intelligence, combining agility, safety, and autonomy. With a hands-free voice system, a button, and a relay, in addition to having the option to use in PoE networks. It can be used as traditional intercom, SIP intercom, and IP wall phone. All setting-up is performed by means of a user-friendly web interface, and it can be configured for registration on SIP platforms or peer-to-peer calls. The IP Intercom is intended to be used in low-cost intercom application for SIP communication.

Uses the VOIP telephony network for connection and communication, allowing the remote opening of a door, even when there is no person present, making it an excellent option for environments such as houses, offices, and multi-family systems in buildings, communities or closed condominiums.

With all of these options, the IP Wall is an important tool in a variety of scenarios involving integration via SIP, including in its wide range of integration possibilities for IoT requisitions.

Technical specifications

Technical characteristics

- DTMF or SIP Notify
- One dry contact relay for access control, allowing access from any PBX extension
- Separate volume controls for microphone and loudspeaker
- LAN/PBX-IP SIP integration with internal WEB server for configuration
- Audio output power: 2W
- External actuating output (Relay): 10 A / 14 VDC; 10 A / 120 VAC
- Audio Codec supported: G.711 Alaw and Ulaw
- VoIP Protocols used: SIP and RTP
- DTMF detection and generation (RFC 2833 standard)

Functionalities

- Remote door opening by means of a SIP call
- Separate volume controls for microphone and loudspeaker
- Log service
- Integration with IP telephony systems
- Use on Power over Ethernet (PoE) networks with optional license

Warranties and certifications

- Total warranty (legal + Khomp warranty): 1 year
 - Legal warranty: 90 days
 - Khomp warranty: 9 months
- ISO 9001 certified industry

Physical/Environmental

- Power source: 12 VDC
- Resistant to rain and water droplets (protection level: IP66)
- Installation type: External mounting.
- Dimensions: 118x204x35 mm

Application model

