KHOMP

SIP Industrial Intercom

Principal features

- Electronic voice communicator via SIP
- Speaker with 15 W power
- Internal Microphone
- Integration with IP Telephony Systems
- Perfect integration with Asterisk®
- Door opening sensor
- Individual volume control for microphone and speaker
- Button (at the bottom) to trigger mechanisms and make calls
- Secure SIP using TLS and SRTP
- Dynamic volume control responsive to ambient noise levels
- **P** - Power over Ethernet (POE 802.3af)

Applications

- Wall-mounted IP communicator for dialogue between environments via SIP voice calls

- IP intercom for long range amplified audible alert security systems

- Communicator for access control totems

General vision

The SIP Industrial Intercom is an intercom of the Khomp SIP endpoints line. Developed as a new intercom solution or automation. VoIP device with embedded intelligence, combining agility, security and autonomy. It has a live voice with an amplified sound system and a button, and has the option for use in PoE networks.

 It can be used as an electronic doorman, SIP intercom, and IP wall phone. The system has a friendly Web interface for configuration and monitoring of the device, and can be configured for registration on SIP platforms or point-to-point calls. The SIP Industrial Intercom is designed for noisy environments, which require an intercom with high sound power.

Technical specifications

Technical features

- DTMF or SIP Notify
- LAN/PBX-IP SIP integration with internal Web Interface Generator Server for configuration
- Audio Amplifier for Speakerphone
- 8 Ohms speaker, 15 W
- Maximum input power to external drive (relay): 10 A / 14 VDC; 10 A / 120 VAC
- Supported audio codec: G.729, G.711 Alaw and Ulaw
- VoIP protocols used: SIP and RTP
- DTMF detection and generation (RFC 2833 standard)

Physical/ Enviornmental

- Power supply: 12 VDC
- Installation mode: Overlap
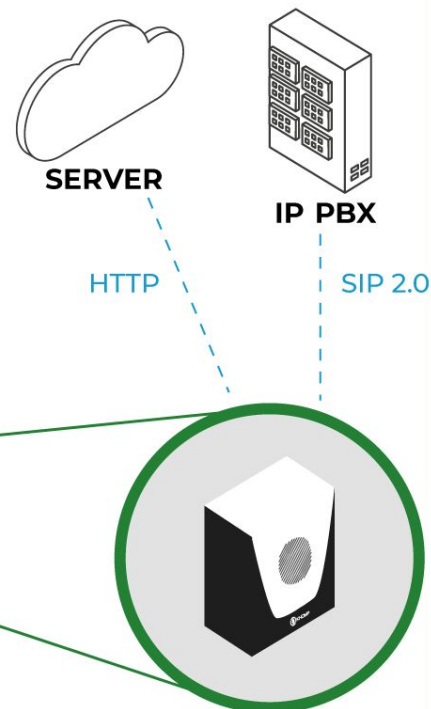- Dimensions (LxWxH): 100x60x140 mm

Functions

- Configurable button (at the bottom) for one of the following functions:
- Call to SIP extension
- SIP call to IP address
- Driving dry contact relay
- Individual volume control for microphone and speaker
- Syslog Service
- Integration with IP Telephony Systems
- Use in PoE (Power over Ethernet) networks

Warranties and certifications

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

Application template

Industrial Intercom SIP

SERVER

IP PBX

HTTP   SIP 2.0

The device acts as a **communicator and access controller** for the warehouse