

# SIP I/O Module



## Main features

- Module with two relays and two sensors
- It can be used to drive mechanisms, electronic equipment, motors, or make an insulation between circuits
- Integration with IP Telephony Systems
- Perfect integration with Asterisk®
- **P** - Power over Ethernet (POE 802.3af)

## Applications

- Activate circuits, equipment and system in different scenarios, working as key for security systems, industrial automation, access control, among others

## General vision

The SIP I/O Module is a device designed to drive systems using SIP technology, integrating Khomp's line of SIP Endpoints. It is a device with embedded intelligence, combining agility, security and autonomy. It has an option for use in PoE networks.

All configuration is done by a friendly Web Interface, and can be configured to register in SIP platforms, point-to-point connections or via HTTP requests, and thus execute the appropriate commands.

It has two relays and two integrated sensors for connection to the equipment to be activated and monitored in the system.

All features allow the SIP I/O Module to have a wide possibility of application scenarios, such as access control scenarios, industrial automation, emergency systems, and any other environment where it is necessary to perform the activation or sensing via SIP.

# Technical specifications

## Technical features

- Two relays and two sensors
- DTMF or SIP Notify
- Internal web server for configuration
- VoIP protocols used: SIP
- DTMF detection and generation (RFC 2833 standard)
- Maximum input power to external drive (relay): 10 A / 14 VDC, 10 A / 120 VAC

## Physical/Environmental

- Power supply: 12 VDC
- Developed for indoor environments
- Installation mode: Overlap
- Dimensions: 140x100x62 mm
- Transport box dimensions: 140x100x62 mm
- Gross weight: 800 g
- Net weight: 635 g

## Functions

- Control and activation of electronic and magnetic devices
- Syslog Service
- Integration with IP Telephony Systems
- Use in PoE (Power over Ethernet) networks
- Integration with RESTFUL API for events and HTTP commands

## Warranties and certifications

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

# Application template

## Relay Module SIP

