



## Main Characteristics

- Kit made up of 1 IP Wall Board\*\*, microphone and speaker
- Perfect integration with Asterisk®
- 2 Wiegand communication interfaces for connection with RFID readers
- 2 dry contact relays for access control, allowing access from any PABX extension
- Door open sensor

## Typical Applications

- Electronic doorman for preexisting totems and panels
- Makes SIP voice telephone calls
- Automation for control of devices and doors
- The numeric keyboard allows for direct dialing of desired location or access to special PABX IP resources
- Access control point for IP integrated security system, including through programming of numeric passwords

## Overview

For IP voice intercom applications in preexisting totems and panels, Khomp offers the **Kit IP Wall** option. The Kit is made up of IP Wall Board (without external case), microphone and speaker.

The IP Wall Board is the hardware for your IP communicator panel solution with onboard intelligence, efficient hands-free voice feature, and an optional video camera that serves as an electronic doorman, an intercom system for security or automation and even as an access control point. When installed in a preexisting panel, the IP Wall board can be connected to a PABX IP extension or directly to another IP device, installed either in a local or remote network. It has two contact relays that allow for opening up to two doors or other devices such as gates, or for turning lights or heating on and off, among other things, using an IP network from any environment. Together with the board, Khomp offers web software for programming this hardware from any standard browser.

## Characteristics and Benefits

### Functionalities

- Ethernet Interface
- Opening of doors via any VoIP communicator
- Separate controls for microphone and speaker volume
- LAN/PABX-IP SIP integration with internal WEB server for configuration
- Free standing, SIP access control using SQL data base
- Supports video calls\* (See list of compatible cameras. Video support enabled through optional license)

### For installations with numeric keyboard:

- Direct dialing allows for calling desired location or accessing special PABX IP resources
- Programming of numeric passwords for access control

### \* Compatible cameras:

- Grandstream GXV3611\_HD; GXV3672\_HD\_36; GXV-3601\_HD
- Vivotek IP-8161
- TP-Link TL-SC3430

### Technical Characteristics IP Wall Board\*\*

- Audio Codec supported: G.711 U-law
- Video Codec supported: H.264 (Video support enabled through optional license)
- VoIP Protocols used: SIP and RTP
- Access control with Wiegand protocol support
- DTMF detection and generation (RFC 2833 standard)
- Audio output power: 2W

### Physical Characteristics

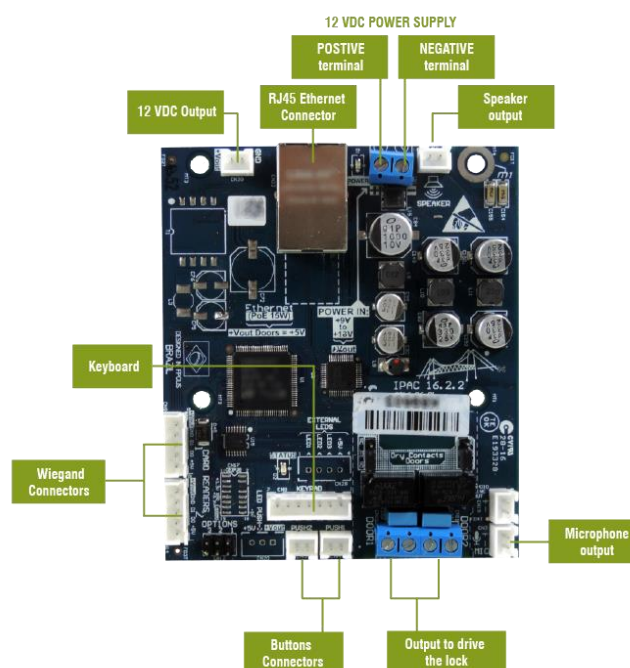
- Power source: 12 VAC / VDC 1 A
- Relay outputs: 20 A / 125 VAC – 10 A / 220 VAC – 20 A / 14 VDC
- Board dimensions: 93 x 101mm

### Guarantees and Certifications

- Factory warranty 1 year
- ISO 9001:2008 Industry certified

\*\* The IP Wall Board is an integral part of the IP Wall communicator as well as the IP Wall Kit.

## Assembly of IP Wall Kit:



## Model of Integrated Application for the Khomp SIP Endpoints line

Condominium Environment.  
Automation with remote gatehouse.

