

# Multiuse IP intercom



## Main features

- Electronic SIP voice communicator
- Opening of doors via any VoIP communicator
- Perfect integration with Asterisk®
- Door open sensor
- Possibility of integrated RFID reader with wiegand
- 2 wiegand communication interfaces for connecting RFID readers
- 2 dry contact relays for access control, allowing access under any extension of the PBX
- Waterproof (IP Code 66)
- Khomp's IP gatekeepers use the User Datagram Protocol (UDP) to send and receive information

## Overview

The IP Wall is IP communicators with onboard intelligence. It has an efficient speakerphone, option for RFID reader and video license for use of external camera, besides having the option to use in PoE networks. It can be used as an electronic door phone (used in homes, offices, multifamily systems in closed buildings and condominiums, schools, intercom totems, parking IoT gates, hospitals and many other environments), IP Wall phone, intercom in security systems or automation, as well as access control point.

Connecting like an SIP extension of a PBX IP local or directly to another remote IP device. Configuration is Web server that is accessible with any standard browser.

In the version with the integrated RFID reader, you get the advantage of having the entire reader and intercom structure in a single device, providing an easier and more practical installation.

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.

## Applications

- Integrated electronic doorman via VoIP
- IP Wall communicator for communication between environments via hand-free SIP calling
- Automated control for operating devices
- Intercom for security systems
- Access control point for security system

## Optional resources

- **P** - Power over Ethernet (POE 802.3af)
- **V** - Video license
- **R** - RFID reader 13,56 MHz or 125 KHz (optional frequency)
- **B** - Keypass (Bluetooth™)

## Models

- **IP Wall 301 S** - modelo sobrepôr com tecla programável.
- **IP Wall 312 S** - superimposed model with programmable key.

## Technical characteristics

### Functionalities

- Door opening by DTMF remote order command or SIP Notify
- 2 Wiegand communication interfaces for connection with RFID readers
- 2 dry contact relays for access control, allowing access from any PBX extension
- Separate controls for microphone and speaker volume
- LAN/PBX-IP SIP integration with internal Web server for configuration
- Free standing, SIP access control using SQL data base
- Perfect integration with Asterisk®
- RFID support
- Door open sensor
- Supports video calls\*\* (See list of compatible cameras. Video support enabled through optional license)
- Door opening by smartphone\* via Bluetooth™

\* To use this function, the IP Wall must be equipped with **B** - Keypass (Bluetooth™). This optional item adds value to the product.

### \*\* Compatible cameras

- **Grandstream** GXV3611\_HD; GXV3672\_HD\_36; GXV3601\_HD
- **Vivotek** IP-8161
- **TP-Link** TL-SC3430

### RFID reader characteristics

- Operating Frequency: 13.56 Mhz or 125KHz (optional frequency)

### Technical characteristics IP Wall board \*\*\*

- Audio Codec supported: G.711 A-law and U-law
- Video Codec supported: H.264
- VoIP Protocols used: SIP and RTP
- Access control with Wiegand protocol support
- DTMF detection and generation (RFC 2833 standard)
- Audio output power: 2 W
- Wiegand output 26 bits 6 wires
- 1 to 5 cm Identification Distance
- Maximum distance of 100 m of IP Wall product

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

### Physical characteristics

- Resistant to rain and water droplets (degree of protection: IP Code 66)
- Maximum operating temperature: 50 ° C
- Power source: 12 VDC / 1 A
- Relay outputs:
  - 20 A / 125 VAC
  - 10 A / 220 VAC
  - 20 A / 14 VDC
- Model for wall mounting
- Dimensions: 4.64"x8.03"x1.37"

### Guarantees and certifications

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

## Product images

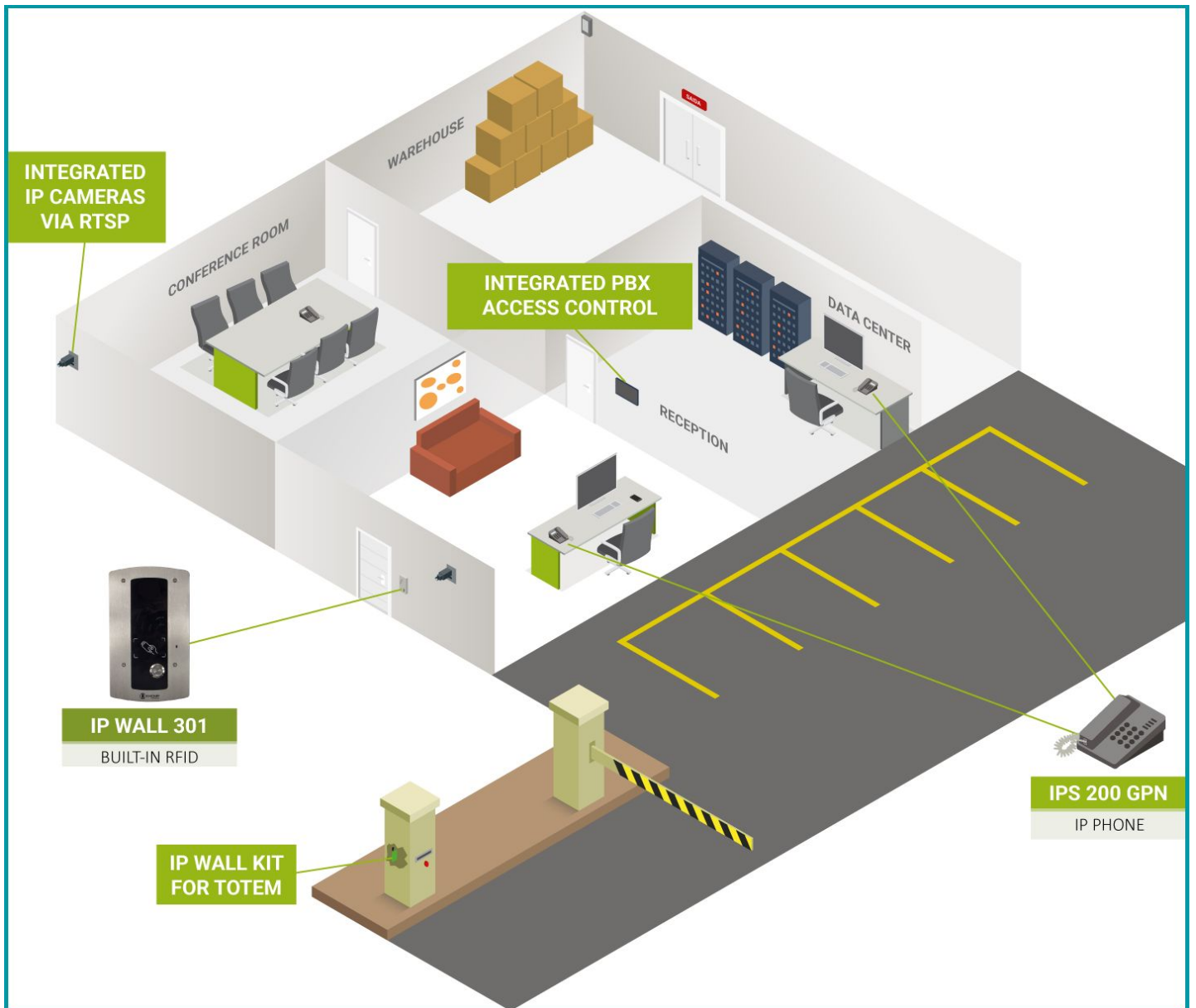


**Subtitle:** Front of the IP Wall 301 S and IP Wall 312 S models (examples without reader and with integrated RFID reader).



**Subtitle:** Side view of the IP Wall 301 SR and IP Wall 312 SR models (respectively).

# Model of application



**Subtitle:** *Corporate environment with automated local concierge.*