

IP WALL 112

MULTIUSE IP INTERCOM



Main Characteristics

- Electronic SIP voice communicator
- 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

- Integrated electronic doorman via VoIP
- IP wall telephone with communication between environments via SIP voice telephone calling
- Automated control for operating devices
- Intercom for security systems
- The numeric keyboard allows for direct dialing of desired location or access to special PABX IP resources
- Access control point for security system, including through programming of numeric passwords

Overview

The IP Wall is a panel IP communicators 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. The IP Wall products can also be used in homes, offices, multifamily systems in closed buildings and condominiums, schools, intercom totems, parking lot gates, hospitals and many other environments.

Connecting like an SIP extension of a PABX IP or directly to another remote IP device, the IP Wall can be installed in either a local or remote network. The equipment has two contact relays for, among other things, opening up to two doors or other devices such as gates, or for turning lights or heating on and off, from any environment. Configuration of the IP Wall is done through a web server that is accessible with any standard browser.

Characteristics and Benefits

Functionalities

- Ethernet Interface
- Opening of doors via any VoIP communicator
- All keys are programmable for touch-dialing functions or direct calls to extensions or other SIP devices
- 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)

Numeric keyboard allows:

- 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 of the IP Wall Board**

- Audio Codec supported: G.711 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: 2W

Physical Characteristics

- Power source: 12 VAC / VDC 1 A
- Relay outputs: 20 A / 125 VAC – 10 A / 220 VAC – 20 A / 14 VDC
- Models available for built-in or stand alone installations.
Dimensions:
 - Built-in: 115 x 200 x 45mm
 - Free standing: 140 x 200 x 35mm

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.

A complete family:



Built-in Models



Free-standing Models

Model of Integrated Application for the Khomp SIP Endpoints line

Condominium Environment.
Automation with local gatehouse.

