

*Suitable for any traditional 4-5 wire legacy doorphone with the possibility of connecting it also to the user's internal intercom station*

The AA-15IP device allows to interface any traditional doorphone (4 or 5 wires) to an IP-PBX in order to manage the doorphone from any internal extension. When a visitor presses the call button of the existing doorphone, AA-15 generate a SIP call to a programmed extension number by putting the visitor in communication with the operator who answered, who has the possibility to operate, with a code from the phone, the relay for opening the entrance gate. A second relay can be activated, from the internal telephone as well, for other services.

In the presence of the IP-PBX, calls from the intercom can be routed to an external telephone number, including mobile numbers.

The device has an external contact input that can be used as an alarm dialer: when closed, AA-15IP calls a programmed number and alerts the event with a customizable voice message.

If there is no IP-PBX, the basic functions (communication and gate opening relay activation) are obtained by connecting a normal IP-SIP phone and programming AA-15IP in P2P (Peer-to-Peer) mode.

It is possible to connect AA-15IP both to the central unit of the doorphone system or **directly to the internal station (wall-mounted intercom) of the single user.**

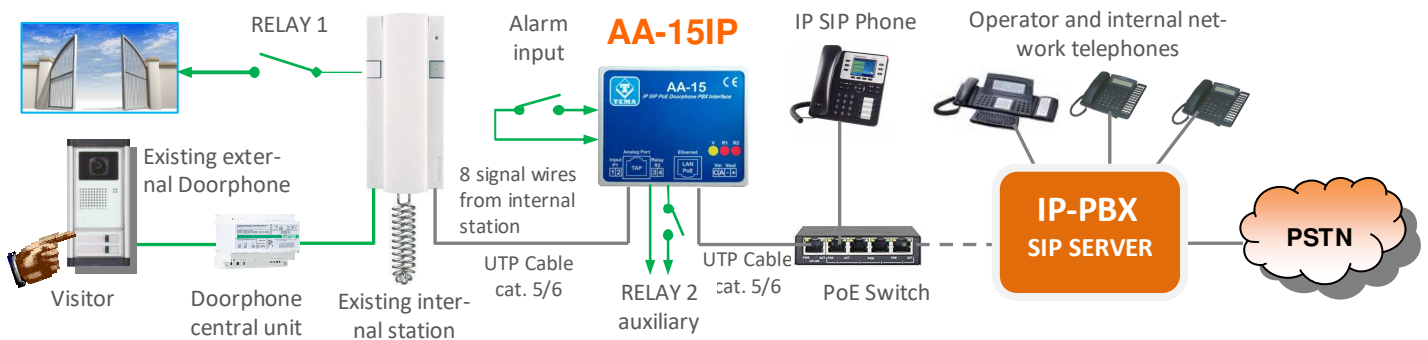
AA-15IP integrates a **PoE** power supply and can therefore be powered on the same cat5/6 LAN cable if coming from a PoE switch. Alternatively, an input for external 230Vac power supply is available (Optional).

The dimensions 76.5x62xH32.5mm (connectors excluded) are extremely small and the system can be fixed to the wall or on a DIN bar.

### Main features

- ◆ Can be connected with all 4-5 wires doorphones models, DIN rail mounting
- ◆ 1 power open-door relay and 1 auxiliary relay
- ◆ Up to 2 configurable extension numbers (in case of no answer)
- ◆ 3 alternative programmable numbers according to day/night/interval times
- ◆ Relay: configurable opening and closing contact
- ◆ Activity display LED
- ◆ Easy programming via Web browser
- ◆ Compatible with the most popular IP-PBX brands

## AA-15IP P2P LAN connection with a SIP IP phone or registered on IP-PBX



When the visitor presses the button, AA-15IP generates a SIP call to an internal number, putting the visitor in communication with the operator, who has the possibility to operate the gate opening relay with a code from the phone. In any case, the internal doorphone station remains operational since AA-15IP works in parallel.

The contacts of Relay 2 can also be brought to the internal station to allow the opening of a second gate or to switch on any lights.

Both relays can be activated not only following the call from the doorphone but also by calling AA-15IP to the assigned number/IP address, wait for the answer and activate them with codes from the telephone keypad.

In the presence of the IP-PBX, calls from the doorphone can be routed to external phone numbers, including mobile.

**NOTICE: the quality of the audio received and transmitted is strictly dependent on the quality of the intercom system, the device does NOT correct any disturbances or low audio quality of the existing intercom system but transfers the audio exactly as it receives it.**

### Tested with the most popular brands of Pbx:

SIEMENS/UNIFY - AVAYA - ALCATEL - PANASONIC - SAMSUNG - NEC - 3CX - LG ERICSSON - WILDIX - AASTRA - ASCOM - SELTA - PHILIPS  
MITEL - YEASTAR - ZYCOO - CISCO - EPYGI ELASTIX - GRANDSTREAM - SHORETEL - NORTEL - SWYX - XORCOM - SISTEMI ASTERISK

## Technical Specifications

LAN, protocols:	TCP/IP Network 100BaseTx, SIP 2.0
Grade of protection:	IP20
Power supply:	PoE, Injector PoE o external power supply
PoE:	802.3af class 0 12,95W
External power supply (Opz.):	230Vac/12-Vdc-
Consumption:	500mA
Technology:	IMX25 400MHz processor
Storage:	b 256MB Ram, Micro-SD Flash 8GB
Capacity of the 3 internal relays:	max 30Vdc - 1,5A
Housing material:	ABS
Operating temperature:	from -20° to +55°C
Storage temperature:	from -20° to +65°C
Umidity:	up to 90%
Installation:	table, wall-mounting, standard DIN bar

Audio Amplifier:	2W "D" Class
Connection:	SIP Server (IPPBX) or P2P (Peer To Peer)
Audio communication:	Bidirectional
Inputs from external control:	1 (Alarm)
Command type:	voltage-free contact, transistor O.C.
Visual signals:	Call active Led, relays activated
Programming:	web interface and password
Adjustments:	receiving volume adjustment
Mounting:	wall-mounting with accessory supplied, DIN bar
Housing:	ABS
Dimensions:	76,5x62x32,5mm
Weight:	
Warranty:	2 years
Certification:	CE, ROHS