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-15SIP 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-15SIP 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-15SIP 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-15SIP in P2P (Peer-to-Peer) mode.

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

AA-15SIP 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).
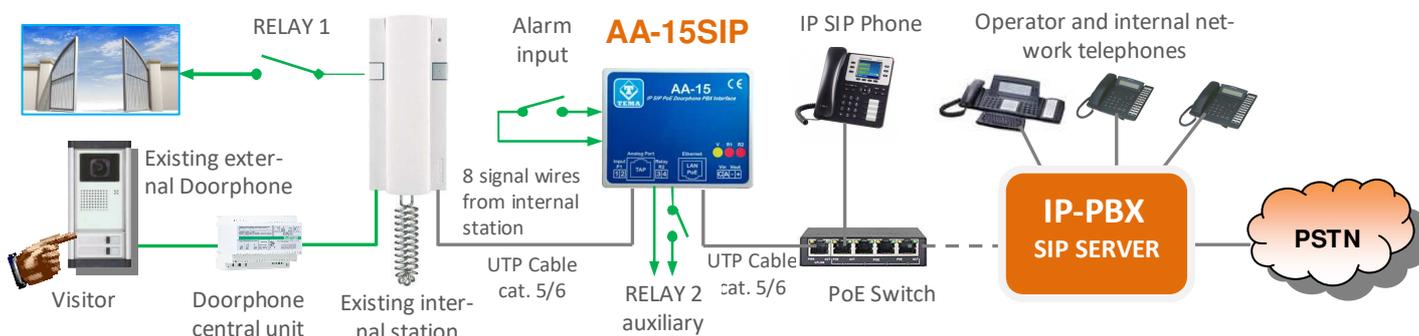
The dimensions 76.5x62xH32.5mm (connectors excluded) are extremely small and the system can be fixed to the wall or on a DIN bar.

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-15SIP can also be used as LAN remote control from SIP-P2P call for 2 relays activated by codes!

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

When the visitor presses the button, AA-15SIP 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-15SIP works in parallel.
The contacts of Relay 2 can 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-15SIP 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 - LG ERICSSON - WILDIX - AASTRA - ASCOM - NITSUKO - SELTA – PHILIPS - MITEL – YEASTAR – ZYCOO – CISCO – EPYGI ELASTICS – GRANDSTREAM SHORETEL – NORTEL – SWYX – XORCOM – INNOVAPHONE – NETHESYS - 3CX - KALLIOPE – ASTERISK BASED SYSTEMS AND SOFTPHONE APP

Technical Specifications

LAN, protocols:	TCP/IP Network 100BaseTx, SIP 2.0		Audio Amplifier:	2W "D" Class
Connection:	SIP Server (IPPBX) or P2P (Peer To Peer)		Audio communication:	Bidirectional
Power supply:	PoE, Injector PoE o external power supply		Inputs from external control:	1 (Alarm)
PoE:	802.3af class 0 12,95W		Command type:	voltage-free contact, transistor O.C.
External power supply (Opz.):	230Vac/12-Vdc-		Visual signals:	Call active Led, relays activated
Consumption:	500mA		Programming:	web interface and password
Technology:	Microprocessor MIPS 560MHz		Adjustments:	receiving volume adjustment trimmer
Storage:	128MB Ram, 32MB Flash		Installation:	table, wall-mounting, standard DIN bar
Number of relays:	2		Grade of protection:	IP20
Capacity of the 2 internal relays:	max 30Vdc – 1,5A		Dimensions:	76,5x62x32,5mm
Housing material:	ABS		Weight:	150gr
Operating temperature:	from -20° to +55°C		Warranty:	2 years
Storage temperature:	from -20° to +65°C		Certification:	CE, ROHS
Umidity:	up to 90%		Origin:	Made in Italy