



Technology, Reliability and Flexibility

Secure Solutions for Communications and Access Control

AA-539 manage an access, external or internal, through a PBX internal extension connection. **AA-539 is ideal for applications in civil, industrial and heavy environments where robustness, reliability and durability play a decisive role.**

Manufacture

Vandal-Proof Stainless Steel, weather-resistant with internal anti-humidity heating. The circuit boards are protected with "Conformal Coating" paint against humidity and dust. The front screws in a special vandal proof footprint ensure an high safety.

Installation, controls, inputs

Flush mounting or wall mounting with steel box and rain shield (optionals). 2 integrated relays for door openers or other services. Management of 3 external signals for specific functions, for example the control of the effective door or barrier closing.

Flexibility, expansions

The base system comes with 1 button and is expandable to unlimited number of call numbers with optional keyboard module.

Programming

The system programming is done by calling the Doorphone and operating with DTMF tones in a simple and widely documented way for all the configurable parameters. The T1X-PROKIT2 Kit and AA-WIN software (optional) allows the remote programming of AA-539 via PC (useful in case of installation of more devices).

Pre-recorded voice messages

AA-539 can be equipped with pre-recorded messages for voice alerts to the visitor and/or the internal operator (Option). Auto-reply feature with programmable time.

Power Supply and Solid State Electronic Relays

AA-539 does not require the 220V power supply only for voice communication functions because the power is directly taken from the PBX telephone line, the optional power adapter is needed in case there is the necessity to activate the internal relay to open a door or the internal heating circuits. AA-539H is equipped with solid-state semi-conductor relays. AA-539HA has additional audio amplifier 3W and electronic relays, requiring external power supply.

Audio Amplification

The "A" versions of models (AA-539A, 539HA) have a 3W amplifier, for very noisy environments. For sound amplifying of large environments are available speakers and DIN rail modules 30W amplifiers.

Analog Video Camera

Optional internal analog camera and out for 75 Ohm coaxial cable, with LED illuminators & kit for UTP cable with two included "Balun".

Benefits

- ◆ Ideal system for remote access control
- ◆ 1 call button, expandable to an unlimited number of call numbers with optional keyboard module
- ◆ Connection to a PBX internal analog extension
- ◆ Powered directly from the telephone line (audio only)
- ◆ Handsfree talking, High Audio Quality
- ◆ 2 integrated relays, management of 3 external inputs
- ◆ Availability of 30W DIN Audio Amplifiers modules and Loudspeakers/Horns of various power
- ◆ Cyclic call to numbers in memory
- ◆ LED for active call signaling
- ◆ Programmable Time/Rings Auto Answer
- ◆ Disconnection with reorder PBX standard tone
- ◆ Audio messages informations to the caller/called
- ◆ Calls redirection via GSM with all TEMA Analog FXS Gateways
- ◆ Vandal-Proof Stainless Steel case
- ◆ Protection of the electronic boards with "Conformal Coating" paint against humidity and dust
- ◆ Closures with special vandal proof screws
- ◆ Flush and Wall mounting
- ◆ Wide range of accessories for every need
- ◆ Remote programming with DTMF tones with a phone call
- ◆ Remote programming from PC with hardware kit T1X-PROKIT2 and AA-WIN software
- ◆ Products entirely developed and manufactured in Italy
- ◆ Tested with most popular PBXs brands on the market
- ◆ 2 years warranty

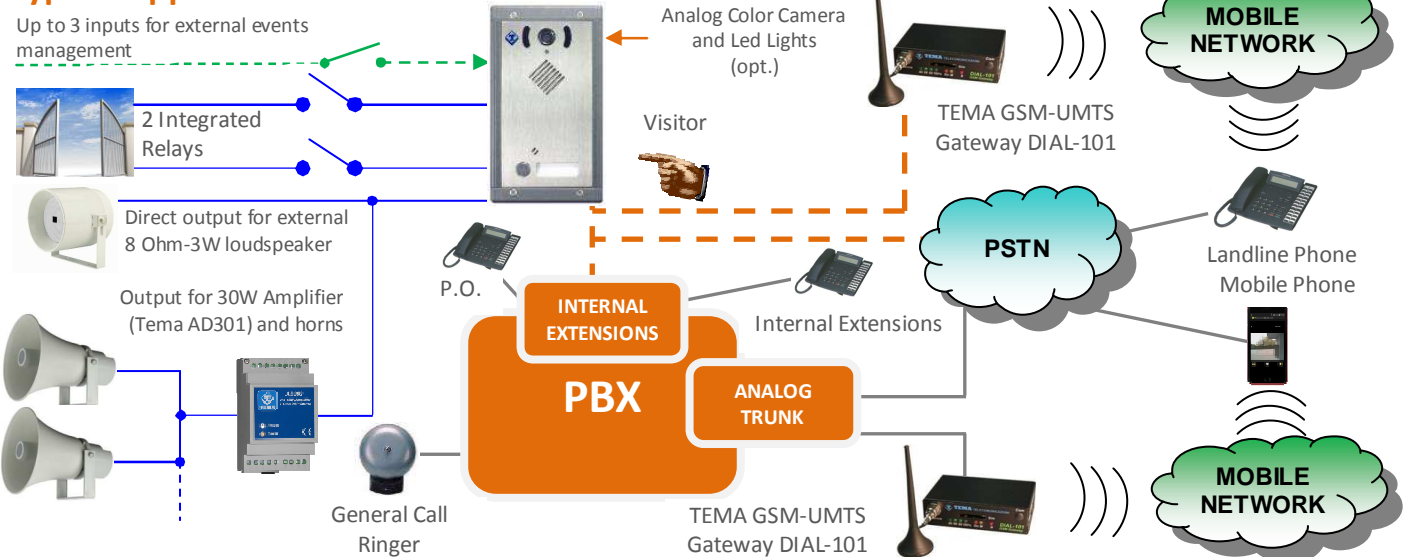
Applications, target

- ◆ Companies, Offices, Factories, Industries
- ◆ Hospitals, Schools, Campus, Communities
- ◆ Warehouses, Supermarkets, Shopping Centers
- ◆ Parking, Garage, Barriers,
- ◆ Access controls and Alerting, SOS and Emergency systems
- ◆ Railway Stations, Airports, Ports, Prisons

Technical Specifications

Call buttons:	1 stainless steel button
Camera:	color analog (opt.), 70° view angle
Grade of protection:	IP66 (with system properly installed)
Closures:	4 steel screws with vandal proof footprint
Label holder:	Led backlight, fire resistant covering
Heating circuit:	electronic, internal
Operating modes:	Day/Night
Speed Dial:	up to 800 numbers
Duration of recorded messages:	16sec std (16 min. opt.)
Audio:	1,3W + other external speaker 1,3W-8 Ohm
Auto answer:	programmable time
Line disconnection:	with reorder tone
Talking:	handsfree
Power Supply (only communication):	from telephone line
External Power Supply (Opt.):	AA-39AL 220Vac/12Vac-1,5A
Power consumption:	max 1,5A
Telephone line voltage:	24-72 Vdc
Call voltage (Ring):	from 20V to 120Vrms
Digits dialing:	DTMF and pulse
Audio Bandwidth:	300 – 3400Hz
Audio sound pressure:	89dB (1KHz @ 1 meter)
Microphone:	electret omnidirectional for max distance 8m
Operating indicators:	front Led and Tones
Programming:	DTMF tones with password
Capacity of the 2 internal relays:	max 30Vdc – 1,5A
Housing material:	Stainless Steel 316L
Operating temperature:	from -20° to +55°C
Storage temperature:	from -20° to +65°C
Umidity:	up to 95% non-condensing
Installation:	flush mounting, wall mounting (optional box)
External dimensions:	L123xH218xD14mm
Internal Flush Dimensions:	L104xH206xD44mm
Weight:	1100 gr

Typical Application



Products

- AA-539** 1 button base system
 - AA-539K** Vandal Proof keypad module and backlit index area
 - AA-539R** 2 backlit index areas
- * Note: delivery includes the metal box and all the accessories for flush mounting of the system.*
- AA-539** Standard version with mechanical relays
- AA-539A** Amplified version for noisy environments
- AA-539H** Version with semiconductor solid-state relay
- AA-539HA** Amplified and solid-state relays version
- AA-39AL** 220Vac/12Vac-1,5A Power Supply
- AA-39AL1** 220Vac/2x12Vac-15VA Power Supply in standard DIN rail housing
- AA-549-C1** Wall cover metal frame
- AA-549-T1** Frame complete of shield
- AA-549-S1** Complete stainless steel box with shield for external wall mounting
- AA-594/C** Analog Color Camera Kit
- AA-595** Audio voice messages option 16m

Other products from Analog and "Smart Surface" family

- AA-504** Wall mounting compact version, buttons expansion modules, backlit keypad and index module.
 - AA-514** Flush and Wall mounting version, with/without analog Camera, buttons expansion modules, backlit keypad and index module.
 - AA-506** 4 buttons system with integrated Vandal-Proof keyboard and RFID Reader for Smart Card and Tag
- System equivalent to AA-504 with integrated Vandal-Proof keyboard and RFID reader*