



Technology, Reliability and Flexibility

Secure Solutions for Communications and Access Control

AA-514 manage an access, external or internal, through a PBX internal extension connection.

Manufacture

Satin Aluminum with elegant and modern design, 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

Wall or flush mounting, the plastic box and accessories for wall flushing are included in the delivery. 2 integrated relays for door openers, barriers, turning on lights or other drives and services.

Flexibility, expansions

The base system comes with 4 buttons for 4 calls to different numbers, the system is expandable up to 12 buttons or to an 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-514 via PC (useful in case of installation of more devices).

Pre-recorded voice messages

AA-514 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-514 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. The "H" (AA-514H) version is equipped with solid-state semi-conductor relays. The "HA" (AA-514HA) version is equipped with additional audio amplifier 3W and electronic relays, re-quiring external power supply.

Audio Amplification

The "A" versions of models (AA-514A, 514HA) 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
- ◆ 2 buttons for 2 calls to different numbers
- ◆ Expandable up to 12 buttons or with keyboard
- ◆ Connection to a PBX internal analog extension
- ◆ Powered directly from the telephone line (audio only)
- ◆ Handsfree talking, High Audio Quality
- ◆ Access codes with sequence programmable buttons
- ◆ 2 integrated relays for door opening
- ◆ Availability of 30W DIN Audio Amplifiers modules
- ◆ 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 Gateways
- ◆ Satin aluminum 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






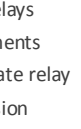

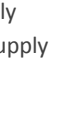
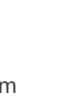




Applications, Target

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




Technical Specifications

Call buttons:	4 aluminium buttons
Camera:	color analog (opt.), 70° view angle
Grade of protection:	IP54 (with system properly installed)
Closures:	2 steel screws with vandal proof footprint
Label holder:	Led backlight
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 1,4A
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 8mt
Operating indicators:	front Led and Tones
Programming:	DTMF tones with password
Capacity of the 2 internal relays:	max 30Vdc – 1,5A
Housing material:	satın aluminium with ABS inserts
Operating temperature:	from -20° to +55°C
Storage temperature:	from -20° to +65°C
Umidity:	up to 95% non-condensing
Installation:	wall mounting, flush mounting
External Dimensions:	L123xH218xD14mm (Flush D=44mm)
Weight:	525 gr

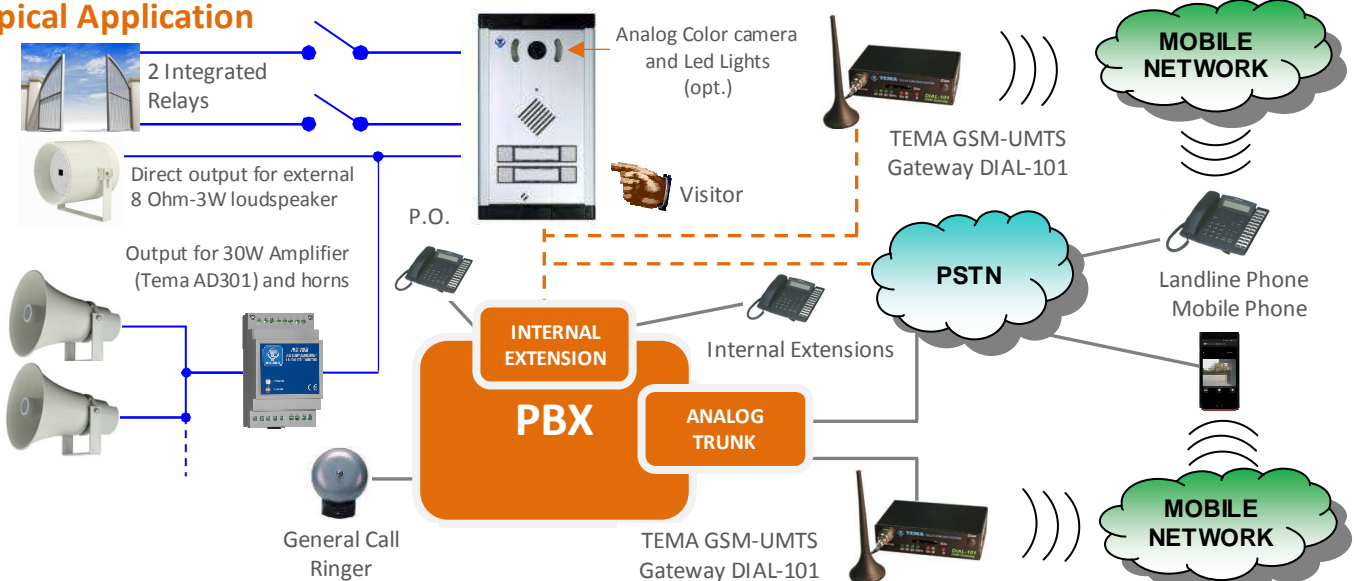
Products

	AA-514	4 buttons base system	
	AA-516P	Additional 8 buttons	
	AA-516KA	Plastic Keyboard	
	AA-516KC	Vandal Proof Keyboard with illuminated buttons	
	AA-516R	Index module	
Available Versions	AA-514	Standard version with mechanical relays	
	AA-514A	Amplified version for noisy environments	
	AA-514H	Version with semiconductor solid-state relay	
Optionals	AA-514HA	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-517xx	Box, rain shields, frames and mounting accessories	
	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-539	Stainless Steel Vandal Proof Version, with/without analog Camera, Flush and Wall mounting, Backlit keypad expansion module, and index module.
	AA-506	4 buttons system with integrated Vandal-Proof keyboard and RFID Reader for Smart Card and Tag
		<i>System equivalent to AA-504 with integrated Vandal-Proof keyboard and RFID reader</i>

Typical Application



IP COMMUNICATION AND SECURITY COMPANY

TEMA TELECOMUNICAZIONI Srl

Headquarter : Via Costante Girardengo, 1/4
Branch Office : Via Luca Gaurico, 9/11

Web: www.tematlc.it
20161 Milano MI (Italy)
00143 Roma RM (Italy)

e-mail: tematlc@tematlc.it
Tel. +39 02 61544.1 Fax +39 02 6152605
Tel. +39 06 54832205

