YOUR
SECURITY
CHOICE

AMC
YOUR SECURITY CHOICE

Quality from experience
made in Italy.

AMC
YOUR SECURITY CHOICE

Index

AMC

AMC Elettronica was founded in 1974 and the first product designed by the company was in collaboration with the University of Pavia - this being the Microwave detector "RIVELA". It immediately obtained a huge response in the Italian and the foreign market. Within a few years the Company established itself as a successful player within the Security Sector despite this to be still an unknown sector in the Italian Industry, the most impact caused by the high quality design and local production of the detectors. In the 80's AMC decided to launch the Alarm Control Units, Diallers and Sirens to the already now well established detector market. In the mid 80's the EL80 was launched - the first AMC' Alarm Control Unit, while four years later the first dialler with vocal synthesis, the CT901SV was introduced to the market. The 90's indicated a revolutionary change in the security market and AMC was ready to meet this demand by launching the first remote controllable and radio system. AMC, always moving with the times, on and on this occasion, at the Milan's International Security Fair in 98' presents the C136 Alarm Control Unit, a fully pc programmable system via modem, and the CR100 system, a completely lithium-ion battery supplied radio alarm system.

Today AMC has a well established international distribution network, featuring excellent products, "made in Italy" and especially paying attention to detail when designing the products. This has been well recognised in the industry, testimony to this is the numerous awards received for meeting customer needs and expectations. AMC is a wholly Italian owned company. Their main activity is the production and the commercialisation of Alarm components. The company's headquarter is in Alzate Brianza which is located near Como and only 30 km north of Milan, which can be reached with ease via the A4 and A8 highway - pretty centrally and easily reachable from all 3 main Airports, i.e. Bergamo, Milano Linate and Milano Malpensa. AMC has a test laboratory and a fully automated production line for the SMT technology electronic boards. To greater guarantee the product, the business seeks further approval from outside authorities, authorised to inspect the equipment continuously to allow to maintain the high quality.

Quality from experience **made in Italy.**
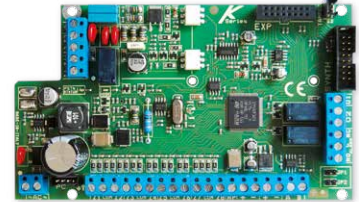
HYBRID CONTROL PANELS

KSeries

EN 50131 / GRADE 2 / CLASS 2

K4V

K8V - K8plusV

The K Series are hybrid control panels (wired and wireless input) designed for building protection. EN 50131, Grade 2, Class 2 approved. They are equipped of 4/8 zones, expandable to 16/64. It is possible to obtain more zones by double and triple EOL split line (K4V - K8V).

- PSTN line on board (voice beep calls**, Contact ID, SIA fsk).
- IP module - LAN, Wi-Fi, Video* (DC09 IP protocol for Contact ID and SIA IP, TCP/IP, video verification/video analysis*).
- Easy to install plug-in 4G module that allows the system to communicate on a GSM network (voice beep calls**, SMS, Contact ID, DC09 IP protocol for Contact ID and SIA IP).
- LAN or GSM communication carriers can be used as a primary or secondary communication channel (backup).
- It allows simultaneous communication from the control panel to multiple destinations such as the AMC Cloud, Surveillance and APP.
- Standard communication protocol (SIA, Contact ID) which sends an alarm signal to the Surveillance.
- Sending of events in SIA IP protocol on TCP/IP to standard IP receivers.
- PUSH notification system and system status information.
- The programming can be done locally with keypad or PC software (via cable or remotely).

** The K Series have not voice synthesis, the calls are made with beeps
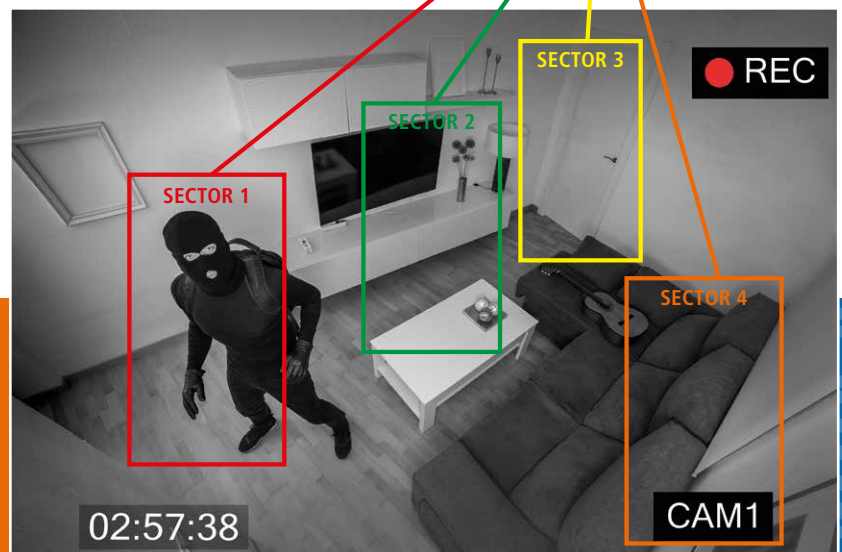
VIDEO **VERIFICATION**
(Optional with IP-1 V module)

VIDEO **ANALYSIS**
(Optional with IP-1 V module)

- * PSTN on board
- * 2G/4G module (optional)
- * IP module (LAN, Wi-Fi, Video) (optional)
- * BUS line (4 wires) RS485
- * CMS multiformat
- * Settable by PC

With one camera, up to 4 sectors can be set up that can be matched to alarm zones

* Compatible with several models and brands of cameras available on the market

* Images and videos can be stored for 48 h

* Up to 8 cameras can be managed

* You can set up from 1 to 3 snapshot with one-second intervals

* New control panel menus for the configuration of all cameras available on the market (speed dome, mini dome, bullet)

* You can request video recordings at any time through the App

The K Series control panels can be managed by App with IP module and/or 2G/4G module

IP-1 V
IP module for
Video Verification and Video Analysis

AMCPlus

	K 4 V	K 8 V	K 8 PLUS V
ZONES	4 - 12 zones split double, triple EOL	8 - 24 zones split double, triple EOL	8 - 64 zones double, triple EOL
WIRELESS ZONES	64 zones	64 zones	64 zones
OUTPUTS	1 on board - expandable to 8 (with expansions or keypads)	2 on board - expandable to 8 (with expansions or keypads)	2 on board - expandable to 17 (with expansions or keypads)
USER CODE	32	32	64
AREAS	4	4	8
GROUPS	4	4	4
KEYPADS	4	4	8
TAG READER	4	4	8
LOG EVENTS	1000	1000	1000
PHONE NUMBERS	8 for SMS/private calls + 8 for CMS	8 for SMS/private calls + 8 for CMS	8 for SMS/private calls + 8 for CMS
CARRIERS	PSTN on board, 2G/4G, LAN, Wi-Fi, Video modules (optional)	PSTN on board, 2G/4G, LAN, Wi-Fi, Video modules (optional)	PSTN on board, 2G/4G, LAN, Wi-Fi, Video modules (optional)
REMOTE MANAGEMENT	by App (iOS - Android)	by App (iOS - Android)	by App (iOS - Android)
REMOTE PROGRAMMING	by PC software	by PC software	by PC software
MULTI-USER MANAGEMENT VIA APP	YES	YES	YES
TIMERS	4 per day week	4 per day week	4 per day week

VIDEO VERIFICATION / VIDEO ANALYSIS (via IP-1 V module)

CAMERAS	max 8	max 8	max 8
SECTORS	4 for camera	4 for camera	4 for camera
SNAPSHOT	from 1 to 3	from 1 to 3	from 1 to 3

The K Series control panels are compatible with the all range of wired and wireless AMC accessories

HYBRID CONTROL PANELS

XSeries

EN 50131 / GRADE 2 / CLASS 2

X412V

X824V - X864V

Clamps removable

The X Series are hybrid control panels (wired and wireless input) designed for building protection. EN 50131, Grade 2, Class 2 approved. They are equipped with **audio support on board** and 4/8 zones, expandable to 16/64. It is possible to obtain more zones by double and triple EOL split line (X412V - X824V).

- PSTN line on board (voice call, Contact ID, SIA fsk).
- IP module - LAN, Wi-Fi, Video* (DC09 IP protocol for Contact ID and SIA IP, TCP/IP, video verification/video analysis*).
- Easy to install plug-in 4G module that allows the system to communicate on a GSM network (voice call, SMS, Contact ID, DC09 IP protocol for Contact ID and SIA IP).
- LAN or GSM communication carriers can be used as a primary or secondary communication channel (backup).
- It allows simultaneous communication from the control panel to multiple destinations such as the AMC Cloud, Surveillance and APP.
- Standard communication protocol (SIA, Contact ID) which sends an alarm signal to the Surveillance.
- Sending of events in SIA IP protocol on TCP/IP to standard IP receivers.
- PUSH notification system and system status information.
- The programming can be done locally with keypad or PC software (via cable or remotely).

VIDEO **VERIFICATION**
(Optional with IP-1 V module)

VIDEO **ANALYSIS**
(Optional with IP-1 V module)

* PSTN on board

* Audio support on board

* 2G/4G module (optional)

* IP module (LAN, Wi-Fi, Video) (optional)

* BUS line (4 wires) RS485

* CMS multiformat

* Settable by PC

SECTOR 3

● REC

SECTOR 2

SECTOR 1

SECTOR 4

02:57:38

CAM1

With one camera, up to 4 sectors can be set up that can be matched to alarm zones

* Compatible with several models and brands of cameras available on the market

* Images and videos can be stored for 48 h

* Up to 8 cameras can be managed

* You can set up from 1 to 3 snapshot with one-second intervals

* New control panel menus for the configuration of all cameras available on the market (speed dome, mini dome, bullet)

* You can request video recordings at any time through the App

The X Series control panels can be managed by App with IP module and/or 2G/4G module

IP-1 V
IP module for
Video Verification and Video Analysis

AMCPlus

	X 412 V	X 824 V	X 864 V
ZONES	4 - 12 zones split double, triple EOL	8 - 24 zones split double, triple EOL	8 - 64 zones double, triple EOL
WIRELESS ZONES	64 zones	64 zones	64 zones
OUTPUTS	5 on board - expandable to 8 (with expansions or keypads)	5 on board - expandable to 8 (with expansions or keypads)	5 on board - expandable to 17 (with expansions or keypads)
USER CODE	32	32	64
AREAS	4	4	8
GROUPS	4	4	4
KEYPADS	4	4	8
TAG READER	4	4	8
LOG EVENTS	1000	1000	1000
PHONE NUMBERS	8 for SMS/private calls + 8 for CMS	8 for SMS/private calls + 8 for CMS	8 for SMS/private calls + 8 for CMS
CARRIERS	PSTN on board, 2G/4G, LAN, Wi-Fi, Video modules (optional)	PSTN on board, 2G/4G, LAN, Wi-Fi, Video modules (optional)	PSTN on board, 2G/4G, LAN, Wi-Fi, Video modules (optional)
REMOTE MANAGEMENT	by App (iOS - Android)	by App (iOS - Android)	by App (iOS - Android)
REMOTE PROGRAMMING	by PC software	by PC software	by PC software
MULTI-USER MANAGEMENT VIA APP	YES	YES	YES
TIMERS	4 per day week	4 per day week	8 per day week

VIDEO VERIFICATION / VIDEO ANALYSIS (via IP-1 V module)			
CAMERAS	max 8	max 8	max 8
SECTORS	4 for camera	4 for camera	4 for camera
SNAPSHOT	from 1 to 3	from 1 to 3	from 1 to 3

The X Series control panels are compatible with the all range of wired and wireless AMC accessories

5

HYBRID CONTROL PANELS
with LAN on board

Alarm and CCTV in one solution

VITA Series are hybrid control panels (wired and wireless input) designed for building protection. They are equipped of 8 zones expandable to 128.

Clamps removable

VITA 24

VITA 64

VITA 128

- Integrated network board to be able to connect the control panel to the WEB and the AMC Cloud (DC09 IP protocol for Contact ID and SIA IP, TCP/IP).
- Easy to install plug-in 4G module that allows the system to communicate on a GSM network (voice call, SMS, Contact ID, DC09 IP protocol for Contact ID and SIA IP).
- LAN or GSM communication carriers can be used as a primary or secondary communication channel (backup).
- It allows simultaneous communication from the control panel to multiple destinations such as the AMC Cloud, Surveillance and APP.
- Standard communication protocol (SIA, Contact ID) which sends an alarm signal to the Surveillance.
- Sending of events in SIA IP protocol on TCP/IP to standard IP receivers.
- PUSH notification system and system status information.
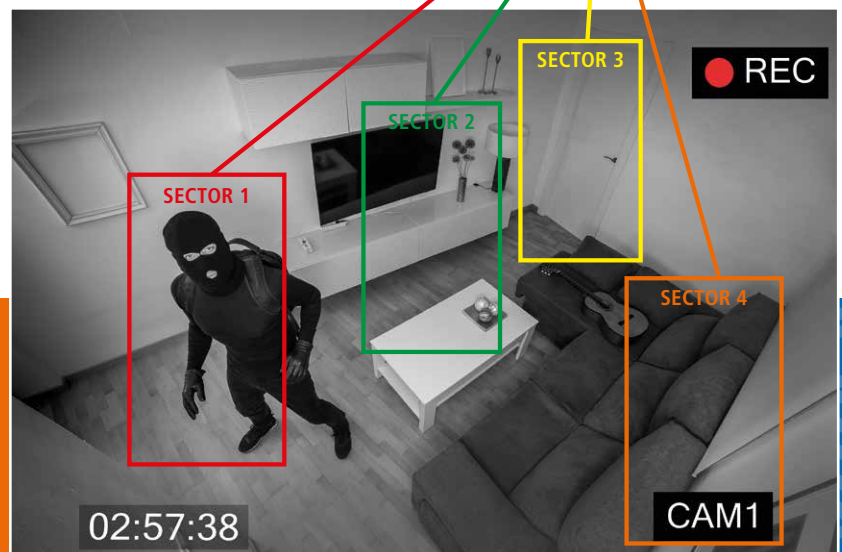- The programming can be done locally with keypad or PC software (via cable or remotely).

- **✱** LAN on board

- **✱** 4G module (optional)

- **✱** BUS line (4 wires) RS485

- **✱** CMS multiformat

- **✱** Settable by PC

With one camera, up to 4 sectors can be set up that can be matched to alarm zones

* Compatible with several models and brands of cameras available on the market

* Images and videos can be stored for 48 h

* Up to 8 cameras can be managed

* You can set up from 1 to 3 snapshot with one-second intervals

* New control panel menus for the configuration of all cameras available on the market (speed dome, mini dome, bullet)

* You can request video recordings at any time through the App

The VITA control panels can be managed by App with integrated LAN and/or 4G module

AMCPlus

	Vita 24	**Vita 64**	**Vita 128**
ZONES	8 - 24 zones double, triple EOL	8 - 64 zones double, triple EOL	8 - 128 zones double, triple EOL
WIRELESS ZONES	64 zones	64 zones	64 zones
OUTPUTS	5 on board - expandable to 8 (with expansions or keypads)	5 on board - expandable to 17 (with expansions or keypads)	5 on board - expandable to 17 (with expansions or keypads)
USER CODE	32	64	64
AREAS	4	8	8
GROUPS	4	4	4
KEYPADS	4	8	8
TAG READER	4	8	8
LOG EVENTS	1000	1000	1000
PHONE NUMBERS	8 for SMS/private calls + 8 for CMS	8 for SMS/private calls + 8 for CMS	8 for SMS/private calls + 8 for CMS
CARRIERS	LAN on board, 4G module (optional)	LAN on board, 4G module (optional)	LAN on board, 4G module (optional)
REMOTE MANAGEMENT	by App (iOS - Android)	by App (iOS - Android)	by App (iOS - Android)
REMOTE PROGRAMMING	by PC software	by PC software	by PC software
MULTI-USER MANAGEMENT VIA APP	YES	YES	YES
TIMERS	4 per day week	8 per day week	8 per day week
VIDEO VERIFICATION	YES	YES	YES
VIDEO ANALYSIS	YES	YES	YES
CAMERAS	max 8	max 8	max 8
SECTORS	4 for camera	4 for camera	4 for camera
SNAPSHOT	from 1 to 3	from 1 to 3	from 1 to 3

The VITA control panels are compatible with the all range of wired and wireless AMC accessories
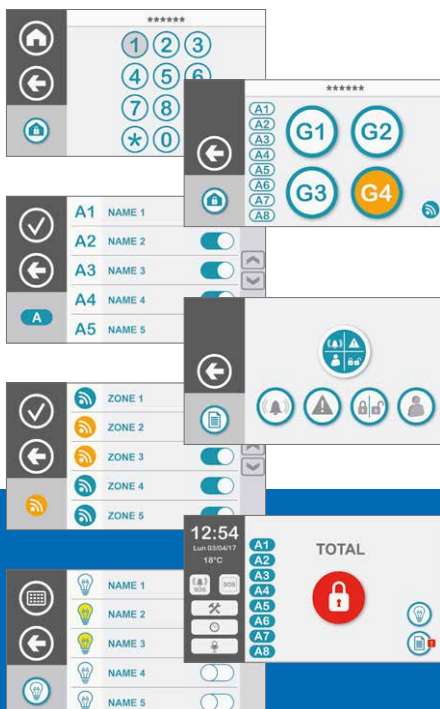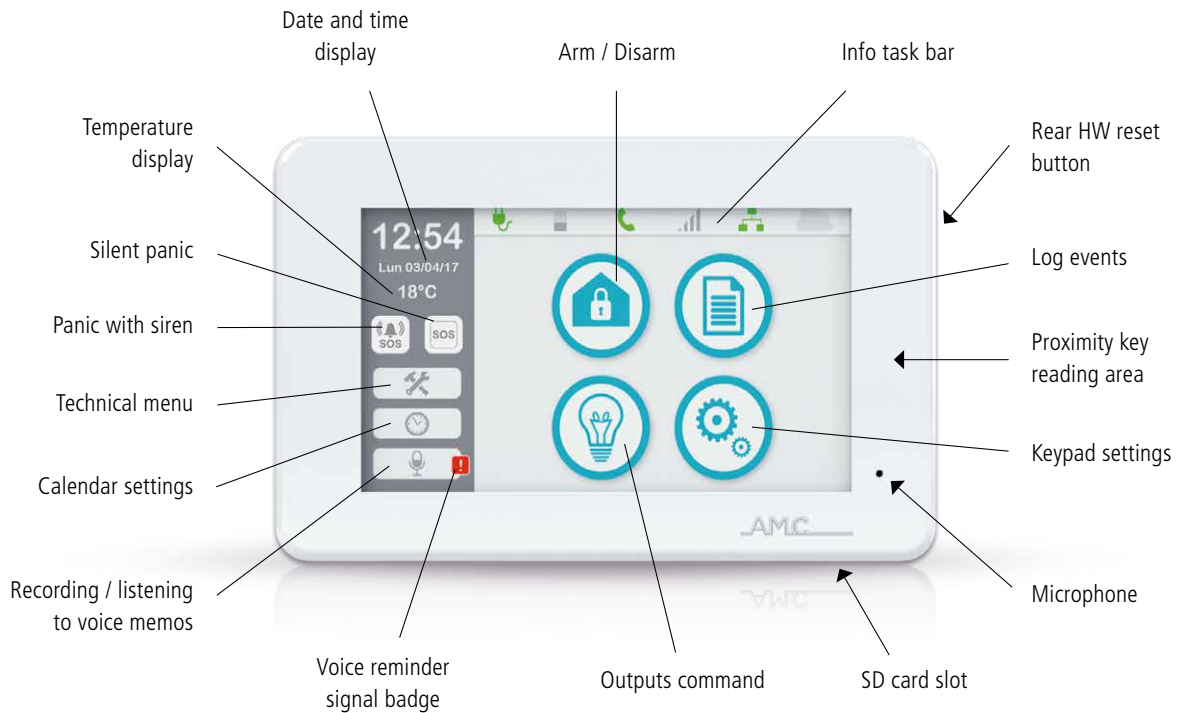
RFID   NFC

Unika
Touchscreen keypad

Date and time display

Arm / Disarm

Info task bar

Temperature display

Rear HW reset button

Silent panic

Log events

Panic with siren

Proximity key reading area

Technical menu

Calendar settings

Keypad settings

Recording / listening to voice memos

Microphone

Voice reminder signal badge

Outputs command

SD card slot

Unika is the AMC touchscreen keypad with 5-inches screen and ABS thin cover. It is equipped with an intuitive graphical interface user friendly. With just few steps you can manage all the functions of the keypad. Large screen and cool design make the Unika keypad a UNIQUE product up to date.

- SD card reader for image loading, FW upgrading
- NFC reader for smartphone recognizing
- Microphone and speaker
- Temperature sensor
- Vocal memo
- Photo frame screensaver
- Thin cover
- Wall installation
- Dimensions: W 155, H 100, D 18 mm

18
100
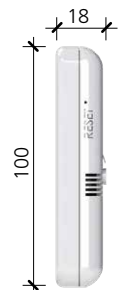
* Display 5 inches TFT high resolution (480 x 272)

* User friendly icons interface

* RFID/NFC integrated tag reader

LCD Keypads

FOR **K&X** SERIES AND **VITA** CONTROL PANELS

K-Lcd **Blue** Tag

32 characters LCD keypad with RFID/NFC tag reader

Lcd keypad with RFID/NFC integrated tag reader. Backlight liquid crystal display 32 characters on two lines. Two configurable lines as inputs and/or outputs; 3 signalling LEDs. Protective front door. Programmable keys for quick commands. Dimensions: W 135, H 116, D 24 mm

K-Lcd **Blue**

32 characters LCD keypad

EN 50131 / GRADE 2 / CLASS 2
Backlight liquid crystal display 32 characters on two lines. Two configurable lines as inputs and/or outputs; 3 signalling LEDs. Protective front door. Programmable keys for quick commands.
Dimensions: W 135, H 116, D 24 mm

K-Lcd **Light** Plus

Compact 32 characters LCD keypad

Backlight liquid crystal display 32 characters on two lines. Two configurable lines as inputs and/or outputs; 3 signalling LEDs. Protective front door. Programmable keys for quick commands.
Dimensions: W 86, H 114, D 23 mm

K-Lcd **Light**

Compact 32 characters LCD keypad

Backlight liquid crystal display 32 characters on two lines; 3 signalling LEDs. Protective front door. Programmable keys for quick commands.
Dimensions: W 86, H 114, D 23 mm

WIRED SYSTEM ACCESSORIES
FOR **K**&**X** SERIES AND **VITA** CONTROL PANELS

KX-AL

Remote power supply

KX-AL is a remote power supply controlled from panel via bus RS485.
- Main power 230 V or 110 V
- Output Power 27 W (13.8 Vdc @ 2A) + 8 W for backup battery charger
- Battery charger with different selections (18Ah and/or 7Ah)
- Electronic overcurrent and overload protection
- Tamper for remove and opening system
- 8 inputs and 3 outputs expansion
- Completely diagnostic checks with panel and monitoring software
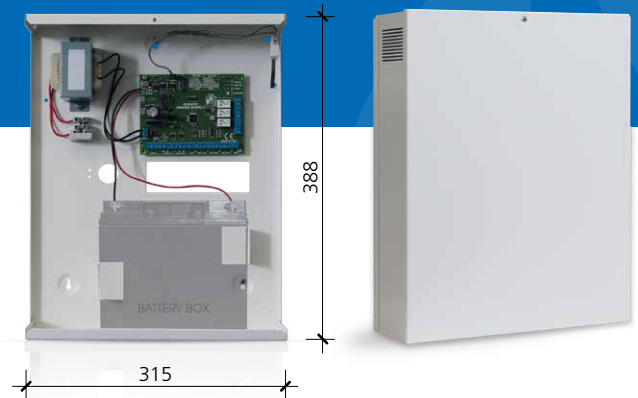
- Possibility of use in stand-alone mode
- Possibility to use up 2 power supply for each panels installation
- Dimensions: W 315, H 388, D 95 mm

388

315

BATTERY BOX

IP modules for connecting panel to Cloud (only for K&X Series)

Usable for CMS messages, Cloud service, App management, remote programming, etc.

IP-1

IP module for connecting panel to Cloud.

IP-1 W

Wi Fi

IP module with **Wi-Fi on board**, for connecting panel to Cloud without cables by connecting with home Wi-Fi network.

IP-1 V

IP module for
Video Verification & Video Analysis

- Internal memory to store images and videos for 48 h
- Up to 8 cameras can be managed
- From 1 to 3 snapshot with one-second intervals
- From 1 to 4 programmable sectors combined with different zones per camera
- Alarms via HTTP
- New control panel menus for the configuration of cameras

Communication modules for mobile network

Usable for voice call, SMS, CMS messages, Cloud service,
App management, remote programming, etc.

X GPRS

GPRS module
(only for K&X Series)
850/900/1800/1900 MHz

X 4W

4G module
(worldwide)

Check the 4G frequencies
on AMC website

KX-PB
Transponder
Proximity device for arm, disarm and partial arm the control panel. IP54. To use with KX-TAG and KX-KEY. Available colours: white
Dimensions: W 86, H 100, D 33 mm

KX-PS
Transponder
Device for civil series with 1 unit.
Four signalling leds for system status and control. To use with KX-TAG and KX-KEY.
Dimensions: W 30, H 20, D 50 mm

KX-TAG
Badge with RFID tag, for arm and disarm the control panel.
Dimensions: 85 x 54 mm

KX-KEY
Keychain in ABS black and metal, with RFID tag for arm and disarm the control panel.
Dimensions: 55 x 32 mm

COM/USB
Adapter for programming control panels

KX-IN
KX-IN is a **8 zones expansion module** with auto protection tamper box.
Dimensions: W 106, H 80, D 25 mm

KX-OUT
KX-OUT is a **3 relay outputs expansion module** with auto protection tamper box.
Dimensions: W 106, H 80, D 25 mm

Wireless expanders

K-RADIO800
32 characters LCD keypad with an integrated radio receiver

Two-way wireless system
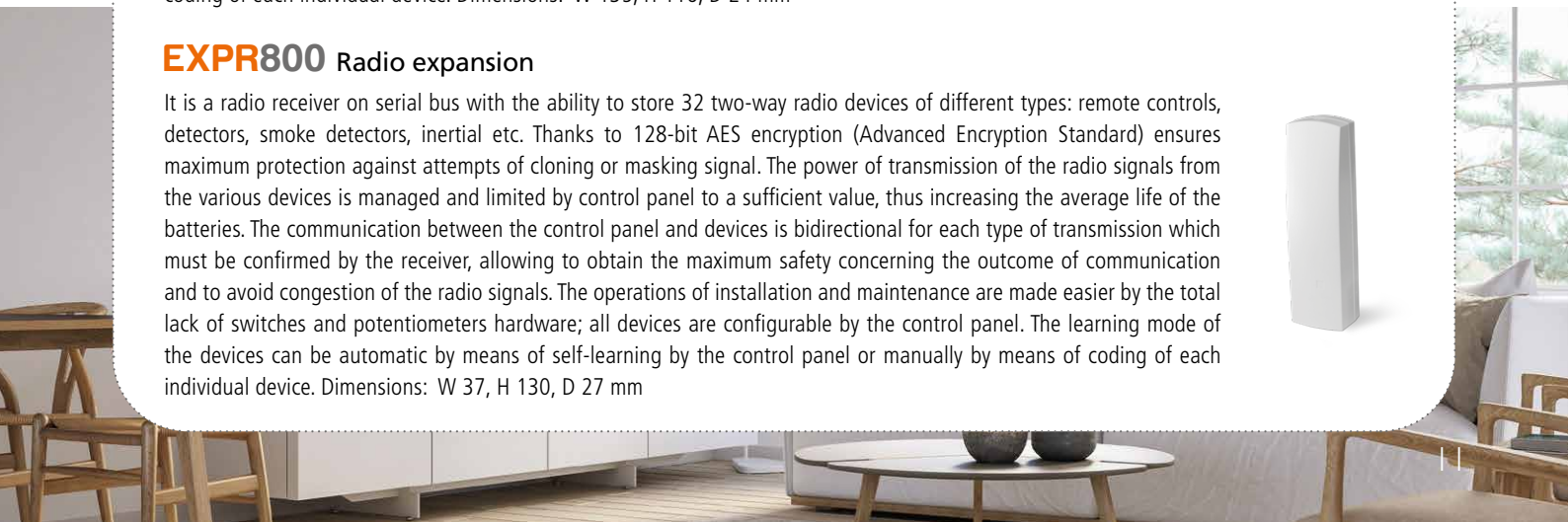**868** ǀ **866** ǀ **869.675** ǀ **916** ǀ **921** MHz

It is a keypad with an integrated radio receiver on serial bus with the ability to store 32 two-way radio devices of different types: remote controls, detectors, smoke detectors, inertial etc. Thanks to 128-bit AES encryption (Advanced Encryption Standard) ensures maximum protection against attempts of cloning or masking signal. The power of transmission of the radio signals from the various devices is managed and limited by control panel to a sufficient value, thus increasing the average life of the batteries. The communication between the control panel and devices is bidirectional for each type of transmission which must be confirmed by the receiver, allowing to obtain the maximum safety concerning the outcome of communication and to avoid congestion of the radio signals. The operations of installation and maintenance are made easier by the total lack of switches and potentiometers hardware; all devices are configurable by the control panel. The learning mode of the devices can be automatic by means of self-learning by the control panel or manually by means of coding of each individual device. Dimensions: W 135, H 116, D 24 mm

EXPR800 Radio expansion
It is a radio receiver on serial bus with the ability to store 32 two-way radio devices of different types: remote controls, detectors, smoke detectors, inertial etc. Thanks to 128-bit AES encryption (Advanced Encryption Standard) ensures maximum protection against attempts of cloning or masking signal. The power of transmission of the radio signals from the various devices is managed and limited by control panel to a sufficient value, thus increasing the average life of the batteries. The communication between the control panel and devices is bidirectional for each type of transmission which must be confirmed by the receiver, allowing to obtain the maximum safety concerning the outcome of communication and to avoid congestion of the radio signals. The operations of installation and maintenance are made easier by the total lack of switches and potentiometers hardware; all devices are configurable by the control panel. The learning mode of the devices can be automatic by means of self-learning by the control panel or manually by means of coding of each individual device. Dimensions: W 37, H 130, D 27 mm

WIRELESS CONTROL PANEL
Quick and easy set entirely via App by QR code

LARIO
Smart Control Panel

* Wi-Fi on board **Wi Fi**

* 4G connection (optional)

* Two-way wireless system

* Fast setting installer App

* Free user App

* Backup battery included

* Free update system by Cloud

* Long range radio transmission

* CMS multiformat

The **quick and easy smart control panel** that is programmed by APP that guides the installer at every step, making the procedure easy and intuitive. In short is ready to use.
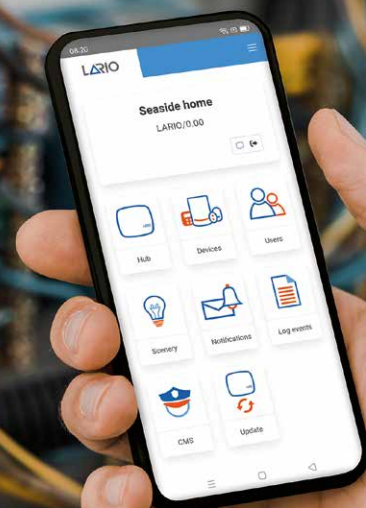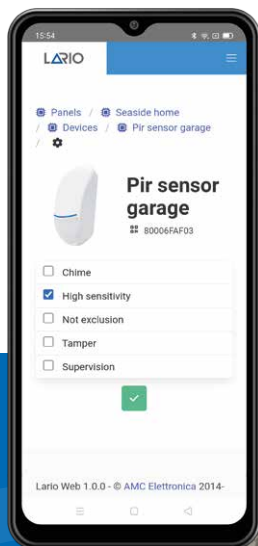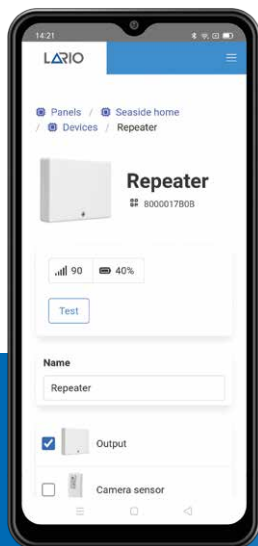
Download installer App

The system is manageable by the user App

AMCPlus

Quick and easy set via App by QR code
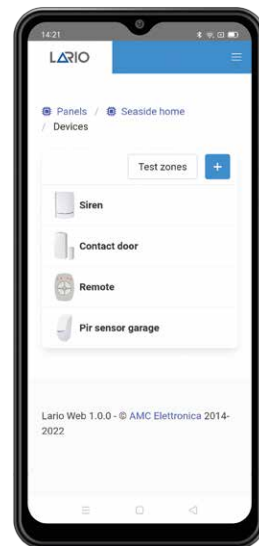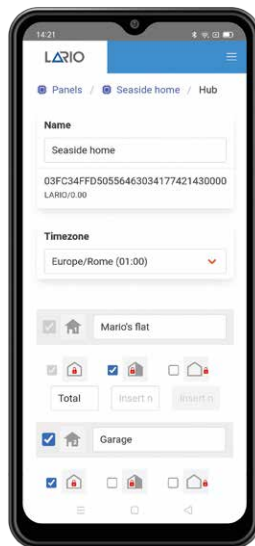
Lario	
WIRELESS ZONES	64
USER CODES	64
AREAS	3
PROGRAMMABLE SCENARIOS	total - stay - external
LOG EVENTS	1000
PHONE NUMBERS	8 for SMS
CARRIERS	Wi-Fi on board 4G module (optional)
REMOTE MANAGEMENT	by App (iOS - Android)
REMOTE PROGRAMMING	by App (iOS - Android)
MULTI-USER MANAGEMENT VIA APP	YES
VIDEO VERIFICATION	YES

ACCESSORIES
FOR LARIO CONTROL PANEL

L 4W
4G communication module for mobile network

L-AL
Power supply
12 Vdc 1A

Usable for SMS, CMS messages, Cloud service, App management, remote programming, video verification etc.

KIT-943
composed by:

- n.**1** **LARIO** hub
- n.**1** **IF 800 PRO** detector
- n.**1** **CM 800** contact
- n.**1** **TR 800-WG** remote control
- n.**1** **L-AL** power supply

KIT-944
composed by:

- n.**1** **LARIO** hub
- n.**1** **IF 800 PRO** detector
- n.**1** **CM 800** contact
- n.**1** **TR 800-WG** remote control
- n.**1** **L-AL** power supply
- n.**1** **L 4W** 4G module

WIRELESS SYSTEM ACCESSORIES
FOR LARIO CONTROL PANEL

LARIO
Smart Control Panel

The Lario control panel is compatible with all the
wireless system accessories
800 Series

Contacts

CM 800
small magnetic
contact (2 inputs)

CU 800
magnetic contact
(3 inputs)

Detectors

IF 800 PRO
wireless volumetric
detector

GS 800
wireless glass
break detector

IF 800/T
wireless curtain
effect detector

SS 800
wireless seismic
detector

IFV 800
wireless detector
with Wi-Fi camera

SF 800
wireless smoke
detector

SOUTDOOR 800
outdoor
wireless detector

Sirens

SRL 800
outdoor
wireless siren

PZ 800
indoor
wireless siren

Accessories

RP 800
wireless repeater

K-LARIO
wireless keypad

OUT 800
2 relays wireless
outputs expansion

TR 800
remote control

WIRELESS SYSTEM ACCESSORIES

800 **Series**

EN 50131 / GRADE 2 / CLASS 2

Compatible with all the AMC control panels

LARIO | **ViTA** | **K**Series | **X**Series

800 Series communicates with the control panel by a bidirectional digital radio transmission channel to avoid signal collisions or band saturation and ensure high stability and precision. The 128 bit AES encryption code guarantee an high security.

Accessories

K-LARIO
Wireless keypad
(Compatible only with LARIO control panel)

It has 4 signaling LEDs for arm/disarm status and anomalies. It is powered by 3 AAA batteries, or with external 12V power supply. It allows 3 programmed profiles and button for enable/disable scenarios. Dimensions: W 135, H 116, D 24 mm
Order Code: **K-LARIO:** 868 MHz

OUT800
Wireless output board
(Compatible only with LARIO control panel)

It is a expansion board with 2 free contact relay (COM - NC - NO) (5 Amps) for scenery building automation. It is powered by external power of 12 Vdc. It is also supervised (automatic life test). It has autoprotection tamper box. Dimensions: W 106, H 80, D 25 mm
Order Code: **OUT 800:** 868 MHz

RP800
Wireless repeater

It is able to repeat all the signals coming from all wireless systems 800 Series: 32 wireless devices, 20 keyfobs, 4 wireless keypads, 4 wireless sirens. It is powered by external power of 12Vdc and it has rechargeable batteries with duration of 24/48h without main power. It is programmable via software with wireless devices codes or in self learning mode. Dimensions: W 106, H 80, D 25 mm
Order Code: **RP 800:** 868 MHz

TR800
Pocket remote control
Programmable 4 channels radio remote controller. The standard lithium-ions battery allows a very long duration.
Dimensions: W 42, H 58, D 13 mm

Order Codes:
TR 800-WG: 868 MHz, white with grey keys
TR 800-GW: 868 MHz, grey with white keys
TR 800-BG: 868 MHz, black with grey keys

Detectors

IFV800
Wireless PIR detector with integrated Wi-Fi camera

It is a PIR detector with a high resolution camera. The transmission of the pre-post alarm video is sent through the integrated Wi-Fi module on board and view with the App AMC Plus.
The transmission by Wi-Fi technology allows fast data exchange with the Cloud, consequently IFV800 is very performing in terms of upload video time and quality in case of alarm. It is possible modify the quality of video with internal menu of detector that can be programmed direct via Wi-Fi. It is equipped with an infrared illuminator for low level light of the room. The images are sent to the Cloud through the home Wi-Fi network. It is provided with an anti-opening tamper protection. It is also supervised (automatic life test).
The system can be managed through the App **AMC Plus**:

• DOWNLOAD PRE-POST ALARM VIDEO FROM CLOUD
• VIDEO RECORDINGS ON REQUEST THROUGH THE CLOUD, AT ANY TIME
• PUSH SYSTEM NOTIFICATIONS

• Power supply: 6 - 15 Vdc
• Backup battery: Lithium 2032 - 3 V
• Consumption: min 90 mA - max 115 mA
• Digital PIR
• Range PIR: 12 mt
• PIR lens: Fresnel 22 patterns on 3 levels
• Wi-Fi standard 802.11 b/g/n

• Camera angle: 120°
• Camera lens: 2.8 mm
• Camera sensor: 1/4 inch
• Camera resolution:
   160x120 - 320x240
   352x288 - 640x480 - 1024x768
• Frame pre-post alarm: 16

Dimensions: W 65, H 130, D 40 mm
Order Code: **IF V800:** 868 MHz, white colour

AMCPlus

IF800 PRO
Wireless volumetric detector

İt is a 12 mt range wireless infrared detector with 100° angular range. It is equipped with a stand-by system when the system is disarmed. Each transmission is guaranteed through a confirmation from the receiving device, in this way no data loss and/or missed supervision can occur.
It is provided with an anti-opening tamper protection. It is also supervised (automatic life test).
The standard lithium-ions battery allows a very long duration. Thanks to the new lens design it is pet immune up to 15 kg.
Dimensions: W 63, H 114, D 40 mm
Order Code: **IF 800 PRO:** 868 MHz, white colour

IF800/T
Wireless curtain effect detector

It is a wireless infrared detector, with an adjustable range from 1 mt up to 5 mt, designed to realize a "curtain shape" protection barrier useful for doors and windows or everywhere is necessary to detect a movement that happens in only one direction. It is provided with an anti-opening tamper protection. It is also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. Protection class IP54. Dimensions: W 130, H 37, D 37 mm
Order Codes: **IF 800/T:** 868 MHz, white colour   /   **IF 800/T-M:** 868 MHz, dark brown colour

WIRELESS SYSTEM ACCESSORIES

800 **Series**

EN 50131 / GRADE 2 / CLASS 2

Compatible with all the AMC control panels

LΛRIO | ViTΛ | **K**Series | **X**Series

800 Series communicates with the control panel by a bidirectional digital radio transmission channel to avoid signal collisions or band saturation and ensure high stability and precision. The 128 bit AES encryption code guarantee an high security.

Detectors

GS800
Wireless glass break detector

It is a detector for the notification of glass breakage. It has an adjustable range up to 7 mt. It is provided with anti-opening tamper protection. It is also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. Dimensions: W 37, H 130, D 27 mm
Order Codes: **GS 800:** 868 MHz, white colour / **GS 800-M:** 868 MHz, dark brown colour

SS800
Wireless seismic detector

It is a small device; it has 2 completely separable and partitionable configurable inputs: an internal micro seismic detector and a clamped input for an external generic contact. It is provided with anti-opening tamper protection. It is also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. Dimensions: W 37, H 78, D 21 mm
Order Codes: **SS 800:** 868 MHz, white colour / **SS 800-M:** 868 MHz, dark brown colour

SF800
Wireless smoke detector

It is a stand-alone wireless smoke detector designed for protection of small areas. It is an optical smoke detector that uses the Tyndall effect to verify the presence of combustion particles in the air. In particular, reveals cold smoke and visible (with the combustion particles sized between 0,3 µm and 2 µm). It is equipped with a 9-volt battery and emits a modulated sound, compatible with the evacuation signal when it detects smoke. It is also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. Dimensions: Ø 120, H 55 mm. Order Code: **SF 800:** 868 MHz, white colour

SOUTDOOR800
Outdoor wireless detector

It is an outdoor double PIR detector, pet immune. It is a full digital detector (with 2 digital PIR), with an analysis system devoid of the classical noise that occur with the use of traditional analog PIR. Through the use of fully digital PIR, the detector is protected from white light masking and has much higher efficiency in the discrimination in its action range. Even with the significant temperature variations, the digital temperature compensation system guarantees a high efficiency. It has a range of 15 mt, with an opening angle of 90°. Protection class IP65. Dimensions: W 85, H 185, D 66 mm
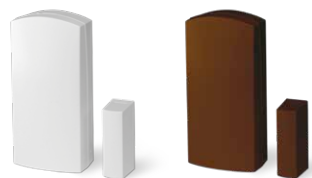Order Code: **SOUTDOOR 800:** 868 MHz, white colour

Contacts

CM800
Small magnetic contact

It is a small device; it has 2 completely separable and partitionable configurable inputs: an internal REED and a clamped input for an external generic contact. It is provided with anti-opening protection. It is also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. Dimensions: W 37, H 78, D 21 mm
Order Codes: **CM 800:** 868 MHz, white colour   /   **CM 800-M:** 868 MHz, dark brown colour

CU800
Magnetic contact

It has 3 completely separable and partitionable configurable inputs: an internal REED, a clamped input for an external generic contact, a clamped input for fast contacts (rolling shutter, glass brake) with adjustable sensibility. It is provided with anti-opening protection. It is also supervised (automatic life test). The standard lithium-ions battery allows a very long duration.
Dimensions: W 37, H 130, D 27 mm
Order Codes: **CU 800:** 868 MHz, white colour   /   **CU 800-M:** 868 MHz, dark brown colour

Sirens

PZ800
Indoor wireless siren

It is an indoor wireless, bitonal, piezoelectric siren. The housing is made in ABS. It is also supervised (automatic life test). The standard lithium-ions battery allows a very long duration.
Dimensions: W 73, H 123, D 47 mm
Order Code: **PZ 800:** 868 MHz, white cover

SRL800
Outdoor wireless siren

It is a two-way supervisioned wireless siren. It has two different way of programming; autolearning and/or by code. It is provided with high efficiency LED light. It is powered with 3.6V 18Ah Lithium batteries included. Possibility to power with external power supply with 4V to 15V 200mA max. It is provided with anti-opening and back tampers protection. It is also supervised (automatic life test). Memory alarm signals, arm/disarm signals. Protection class IP54.
Dimensions: W 210, H 295, D 70 mm
Order Codes:
SRL 800: 868 MHz, white cover, red light
SRL 800 WW: 868 MHz, white cover, white light
SRL 800 WB: 868 MHz, white cover, blue light

HIGH QUALITY DETECTORS

PRO LINE
PROFESSIONAL DETECTORS

ProLine detectors uses only digital PIRs, thus avoiding the conversion that generally must be done in traditional detectors, where the analog PIR is amplified and converted to digital.

Thanks to the TOTALLY digital technology, the detector is much more accurate in detecting intrusions and not suffering of alterations such as: white light, ultraviolet light, temperature, air movement due to heating/cooling systems and it is totally immune to radiated and conducted electromagnetic disturbances.

ProLine detectors are equipped with lenses designed by AMC and made by Fresnel Technologies, Inc. **LODIFF®** technology for optics realization in combination with **POLY IR®** materials make it a product with highest quality and efficiency.

All ProLine detectors are pet immune.

LODIFF® and POLY IR® are registered trademarks of Fresnel Technologies, Inc.

IR 1
EN 50131-2-2 / GRADE 2
Digital PIR detector with EOL resistors

IR 1-S
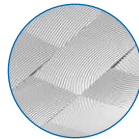CONFORM TO EN 50131-2-2 / GRADE 2
PIR detector with EOL resistors

DT 1
EN 50131-2-4 / GRADE 2
Dual Technology detector with EOL resistors

DT 1 AM
EN 50131-2-4 / GRADE 3
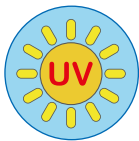**Dual Technology**, **Anti-Masking** detector with EOL resistors

DT 2 AM
CONFORM TO EN 50131-2-4 / GRADE 3
Dual Technology, **Anti-Masking** detector with EOL resistors
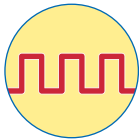
Full digital PIR
The detector has no analog components, the full digital PIR is connected directly to the microprocessor.

Ultraviolet stabilization POLY IR®4 material for lenses
The lens is molded in POLY IR® materials. These materials offer the best combination of transmittance, environmental stability, and color of any polymer. Materials available for the 8-14 micron region of the infrared.

LODIFF® Fresnel Lens Technology
The lens array is made by tiling pieces of LODIFF® lenses. These lenses offer significantly improved performance over typical constant-groove-width Fresnel.
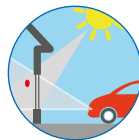
White light protection
The detector is digitally filtered from white light.

High RFI protection
Thanks to the total lack of traditional amplifiers, the detector has a very high RFI immunity.

Anti-masking
Anti-masking protection activated from 1 to 30 cm from the detector.

ITALIAN DESIGN

The ProLine detectors represent the best choice for residential and industrial installations in the security sector.

Pet immunity

ProLine detectors are pet immune up to 15 Kg, thanks to the new lens design combined with the digital analysis system.

|	IR 1 Digital PIR	IR 1-S PIR	DT 1 Dual Technology	DT 1 AM Dual Technology	DT 2 AM Dual Technology
RANGE	15 mt	12 mt	15 mt	15 mt	15 mt
ANGLE	100°	100°	100°	100°	100°
LENS	Fresnel Lens LODIFF® - POLY IR®4 material				
LED	blue	blue	green, yellow, blue	green, yellow, blue	green, yellow, blue
ALARM TIME	2''	2''	2''	2''	2''
SELF TEST	-	-	-	YES	YES
WALK TEST'S LED	YES	YES	YES	YES	YES
MICROWAVE FREQUENCY	-	-	9.3 - 9.9 - 10.5 Ghz	9.3 - 9.9 - 10.5 Ghz	9.3 - 9.9 - 10.5 Ghz
REMOTE MW BLOCKING	-	-	-	-	YES
SOLID STATE RELAY	YES	YES	YES	YES	YES
INTERNAL EOL RESISTORS	2 EOL	2 EOL	2 EOL	2 EOL	2 - 3 EOL
CREEP ZONE	YES	YES	YES	YES	YES
ANTI-OPENING TAMPER	YES	YES	YES	YES	YES
BACK TAMPER	YES	YES	YES	YES	YES
ANTI-MASKING DEVICE	-	-	-	YES	YES
PULSE COUNTER	YES	YES	YES	YES	YES
RFI PROTECTION	30 V/m	30 V/m	30 V/m	30 V/m	30 V/m
TEMPERATURE COMPENSATION	YES	YES	YES	YES	YES
FULL DIGITAL	YES	-	YES	YES	YES
BRACKET AVAILABLE	YES	YES	YES	YES	YES
POWER SUPPLY	13.8 Vdc	13.8 Vdc	13.8 Vdc	13.8 Vdc	13.8 Vdc
HOUSING	ABS	ABS	ABS	ABS	ABS
PET IMMUNITY	YES	YES	YES	YES	YES
OPERATING TEMPERATURE	from -10°C to +40°C	from -10°C to +40°C	from -10°C to +40°C	from -10°C to +40°C	from -10°C to +40°C
DIMENSIONS	114 x 63 x 40 mm	114 x 63 x 40 mm	114 x 63 x 40 mm	114 x 63 x 40 mm	114 x 63 x 40 mm

BRACKET SN1
wall bracket

BRACKET SN4
wall / ceiling bracket

63

40

114

TOP VIEW

10m

0

100°

10m

SIDE VIEW

2m

0

1m

15m
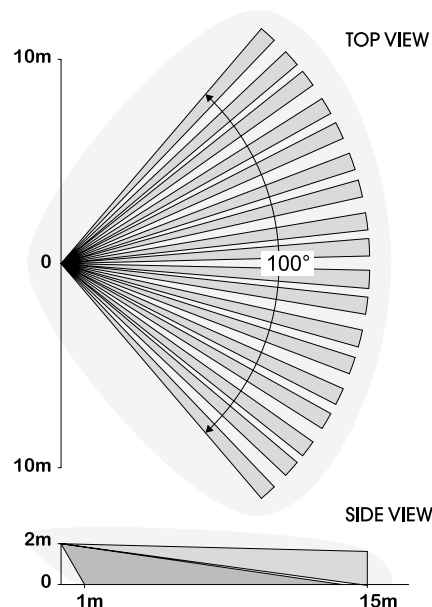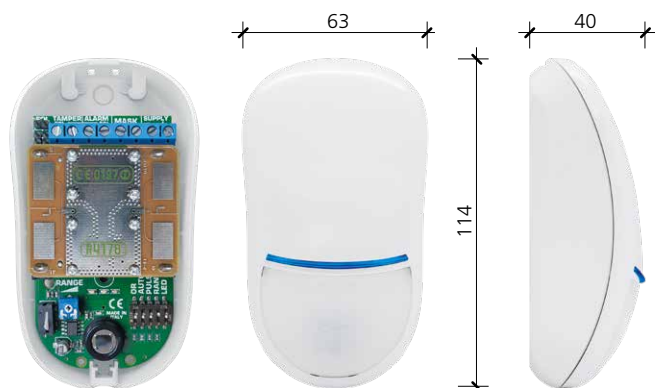
DETECTORS

* Digital signal analysis system with thermal compensation

BRACKET SN1
wall bracket

BRACKET SN4
wall / ceiling bracket

Smile

EN 50131-2-2 / GRADE 2

Digital PIR detector

Smile**19** / Smile**19**/**P**
EN 50131-2-2 / GRADE 2

Digital PIR detector
PET IMMUNE up to 15 kg (Smile 19/P)

Smile**20** / Smile**20**/**P**
EN 50131-2-2 / GRADE 2

Digital PIR detector with internal EOL resistors
PET IMMUNE up to 15 kg (Smile 20/P)

Smile**21** / Smile**21**/**P**
CONFORM TO EN 50131

Digital PIR detector
Automatic system for coverage regulation
PET IMMUNE up to 15 kg (Smile 21/P)

Smile**22** / Smile**22**/**P**
CONFORM TO EN 50131

Digital PIR detector with internal EOL resistors
Automatic system for coverage regulation
PET IMMUNE up to 15 kg (Smile 22/P)

	Smile 19 Smile 19/P	Smile 20 Smile 20/P	Smile 21 Smile 21/P	Smile 22 Smile 22/P
EN 50131-2-2 / GRADE 2	YES	YES	conform	conform
RANGE	15 mt	15 mt	15 mt	15 mt
ANGLE	90°	90°	90°	90°
ALARM TIME	2''	2''	2''	2''
WALK TEST'S LED	YES	YES	YES	YES
SOLID STATE RELAY	YES	YES	YES	YES
SEPARATED ALARM AND TAMPER RELAYS	-	-	YES	YES
INTERNAL EOL RESISTORS	-	1K, 2k2, 4k7, 5k6, 8k2	-	1K, 2k2, 4k7, 5k6, 8k2
CREEP ZONE	YES	YES	YES	YES
ANTI-OPENING TAMPER	YES	YES	YES	YES
PULSE COUNTER	YES	YES	YES	YES
RFI PROTECTION	30 V/m	30 V/m	30 V/m	30 V/m
TEMPERATURE COMPENSATION	YES	YES	YES	YES
DIGITAL ANALYSIS	YES	YES	YES	YES
BRACKET AVAILABLE	YES	YES	YES	YES
POWER SUPPLY	13.8 Vdc	13.8 Vdc	13.8 Vdc	13.8 Vdc
CONSUMPTION	12 mA	12 mA	12 mA	12 mA
HOUSING	ABS	ABS	ABS	ABS
PET IMMUNITY	Smile 19/P	Smile 20/P	Smile 21/P	Smile 22/P
OPERATING TEMPERATURE	from -10°C to +40°C	from -10°C to +40°C	from -10°C to +40°C	from -10°C to +40°C
DIMENSIONS	110 x 60 x 46 mm	110 x 60 x 46 mm	110 x 60 x 46 mm	110 x 60 x 46 mm

Mouse

EN 50131-2-4

Dual technology detector
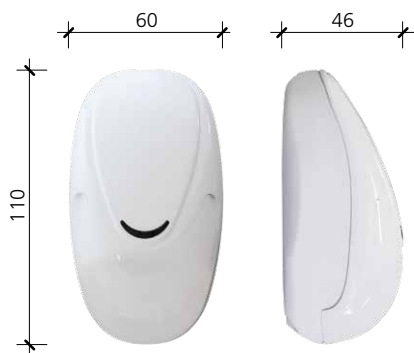
Mouse02

EN 50131-2-4 | **GRADE 3**

Dual Technology detector
with EOL resistors,
with **Anti-masking**

Mouse09
Mouse09/P

EN 50131-2-4 / GRADE 2

Dual Technology detector
with EOL resistors
PET IMMUNE up to 15 kg (Mouse 09/P)

60   46

110

	Mouse 02	Mouse 09 Mouse 09/P
EN 50131-2-4 / GRADE 2	-	YES
EN 50131-2-4 / GRADE 3	YES	-
RANGE	15 mt	15 mt
ANGLE	90°	90°
ALARM TIME	2''	2''
SELF TEST	YES	-
WALK TEST'S LED	YES	YES
MICROWAVE FREQUENCY	9.3 - 9.9 - 10.5 Ghz	
SOLID STATE RELAY	YES	YES
INTERNAL EOL RESISTORS	1K, 2k2, 4k7, 5k6, 8k2	
CREEP ZONE	YES	YES
ANTI-OPENING TAMPER	YES	YES
ANTI-MASKING DEVICE	YES	-
PULSE COUNTER	YES	YES
RFI PROTECTION	30 V/m	30 V/m
TEMPERATURE COMPENSATION	YES	YES
DIGITAL ANALYSIS	YES	YES
BRACKET AVAILABLE	YES	YES
POWER SUPPLY	13.8 Vdc	13.8 Vdc
CONSUMPTION	23 mA	23 mA
HOUSING	ABS	ABS
PET IMMUNITY	-	Mouse 09/P
OPERATING TEMPERATURE	from -10°C to +40°C	
DIMENSIONS	110 x 60 x 46 mm	

BRACKET SN1
wall bracket

BRACKET SN4
wall / ceiling bracket

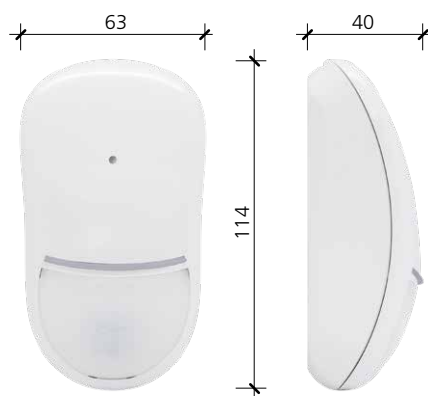✱ Digital signal analysis
system with thermal
compensation

SPECIAL DETECTORS

GS**PRO**

EN 50131-2-2 / GRADE 2

Dual technology glass break detector

* Dual technology detector consisting of a PIR and a MICROPHONE sensor for detection of shocks and glass breakages

* Independent settings

* Separate outputs for the PIR and the microphone section

* Fresnel Lens Technology

* 3 signaling LEDs

* Dual frequency detection glass and impact

BRACKET SN1
wall bracket

BRACKET SN4
wall / ceiling bracket

GS PRO	
POWER SUPPLY	13.8 Vdc
CONSUMPTION (ALARM/STAND-BY)	23 mA / 19 mA @ 13.8 Vdc
RANGE PIR	12 mt
RANGE MICROPHONE	7 mt
ANGLE	100°
LENS	Fresnel Lens LODIFF® POLY IR®4 material
LED	yellow, green, red
PYROELECTRIC	2 elements
LENS	18 patterns on 3 levels
SELF TEST	YES
ALARM TIME	2''
ALARM'S CONTACT	100 mA - 40 V - 2.5 - 16 Ω
TAMPER SWITCH	max 40 mA - 30 Vdc
WALK TEST'S LED (MIC & PIR)	YES
INTERNAL EOL RESISTORS	YES
CREEP ZONE	YES
ANTI-OPENING TAMPER	YES
BACK TAMPER	YES
RFI PROTECTION	30 V/m
TEMPERATURE COMPENSATION	YES
DIGITAL ANALYSIS	YES
BRACKET AVAILABLE	YES
HOUSING	ABS
PET IMMUNITY	YES
OPERATING TEMPERATURE	from -10°C to +40°C
DIMENSIONS	114 x 63 x 40 mm

GS1

CONFORM TO EN 50131

Microphone glass break detector

It is able to discriminate between the various breaking frequencies of the glass itself. It has a useful range of approximately 8 metres and it can be installed in any position within the room to be protected, without compromising its optimal operation.

Order Codes:

GS 1: white colour / **GS 1-M:** dark brown colour

	GS 1
POWER SUPPLY	13.8 Vdc
CONSUMPTION	15 mA
RANGE MICROPHONE	8 mt
ALARM TIME	2''
ANTI-OPENING TAMPER	YES
RFI PROTECTION	30 V/m
DIGITAL ANALYSIS	YES
HOUSING	ABS
OPERATING TEMPERATURE	from -10°C to +40°C
DIMENSIONS	78 x 37 x 21 mm

SS14

Digital seismic detector

Vibration/inertial detector for windows, shop windows, fixtures, walls etc. It is equipped with a piezoelectric sensor to determine shocks and/or vibrations caused by an attempt to break through or force. It is equipped with a trimmer for sensitivity adjustment.

Order Codes:

SS 14: white colour / **SS 14-M:** dark brown colour

	SS 14
POWER SUPPLY	13.8 Vdc
CONSUMPTION (ALARM/STAND-BY)	21 mA / 9 mA
ALARM TIME	2''
ANTI-OPENING TAMPER	YES
RFI PROTECTION	30 V/m
DIGITAL ANALYSIS	YES
HOUSING	ABS
OPERATING TEMPERATURE	from -10°C to +40°C
DIMENSIONS	78 x 37 x 21 mm

CURTAIN DETECTORS

DT16

EN 50131-2-4 / GRADE 2

Dual technology detector, infrared and microwave at 10 GHz

Order Codes:
DT 16: white colour
DT 16-M: dark brown colour

Dual technology detector, infrared and microwave at 10 GHz able to create a type of protection "curtain" for doors and windows. It has an adjustable range between 2 mt and 3,5 mt. It has the back tamper, the anti-opening tamper device, a signalling LED with its disabling dip-switch and it has alarm direction recognition system.

IF16/L

EN 50131-2-2 / GRADE 2

Passive infrared detector with high power LED

Order Code:
IF 16/L: white colour

Infrared detector, able to create a type of protection "curtain" for doors and windows. It has the back tamper, the anti-opening tamper device, a signalling LED with its disabling dip-switch. It has an adjustable range between 2 mt and 3,5 mt and has some special features which make it very interesting as:
• led high light output for lighting function and/or alarm
• alarm direction recognition system
• buzzer with different sounds depending on the direction of the movement
• delay system activation

ALARM

NO ALARM

FRONT VIEW   **FRONT VIEW**   **SIDE VIEW**
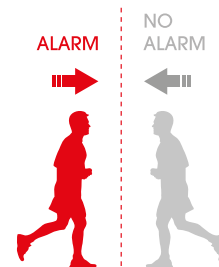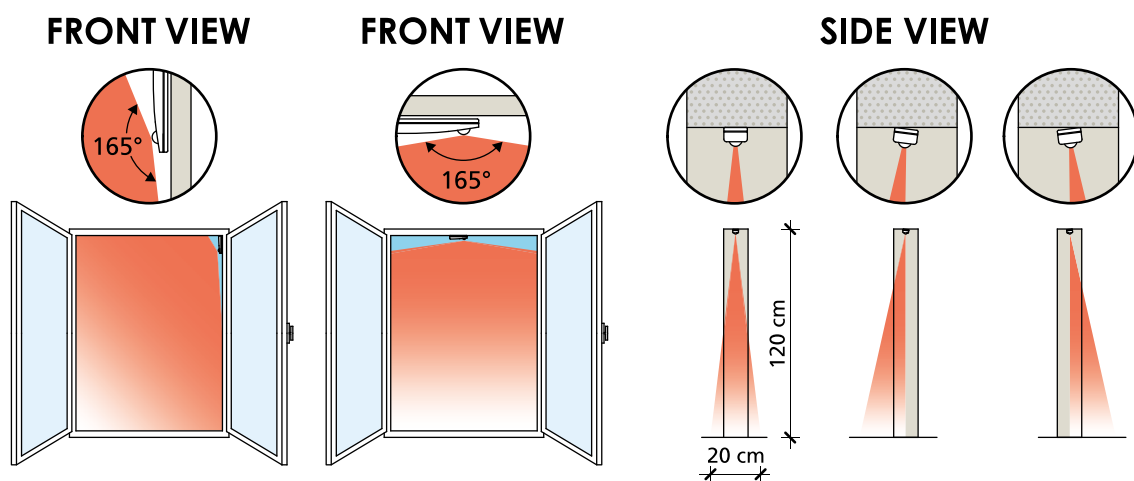
	DT 16	**IF 16/L**
RANGE	from 2 to 3,5 mt	from 2 to 3,5 mt
ANGLE	165°	165°
CURTAIN LENS ORIENTATION	YES	YES
ALARM TIME	4''	4''
PROGRAMMABLE ALARM DELAY	-	YES
HIGH POWER LED FOR LIGHTING AND/OR ALARM	-	YES
WALK TEST'S LED	YES	YES
ALARM DIRECTION RECOGNITION	YES	YES
DOUBLE SOUND BUZZER (ENTRANCE/EXIT)	-	YES
ANTI-OPENING TAMPER	YES	YES
BACK TAMPER	YES	YES
RFI PROTECTION	30 V/m	30 V/m
TEMPERATURE COMPENSATION	YES	YES
POWER SUPPLY	10 - 15 Vdc	10 - 15 Vdc
CONSUMPTION IN STAND-BY	18 mA	12 mA
HOUSING	ABS	ABS
PROTECTION CLASS	IP 54	IP 54
OPERATING TEMPERATURE	from -25°C to +55°C	from -25°C to +55°C
DIMENSIONS	37 x 130 x 37 mm	37 x 130 x 37 mm

Detectors able to create a protective "curtain" barrier useful for doors and windows.

✳ Angle 165°

✳ Adjustable range from 2 to 3,5 mt

OUTDOOR DETECTORS

Soutdoor/T

EN 50131-2-4 / GRADE 2 / CLASS 4

Triple technology detector (2 PIR, 1 microwave)
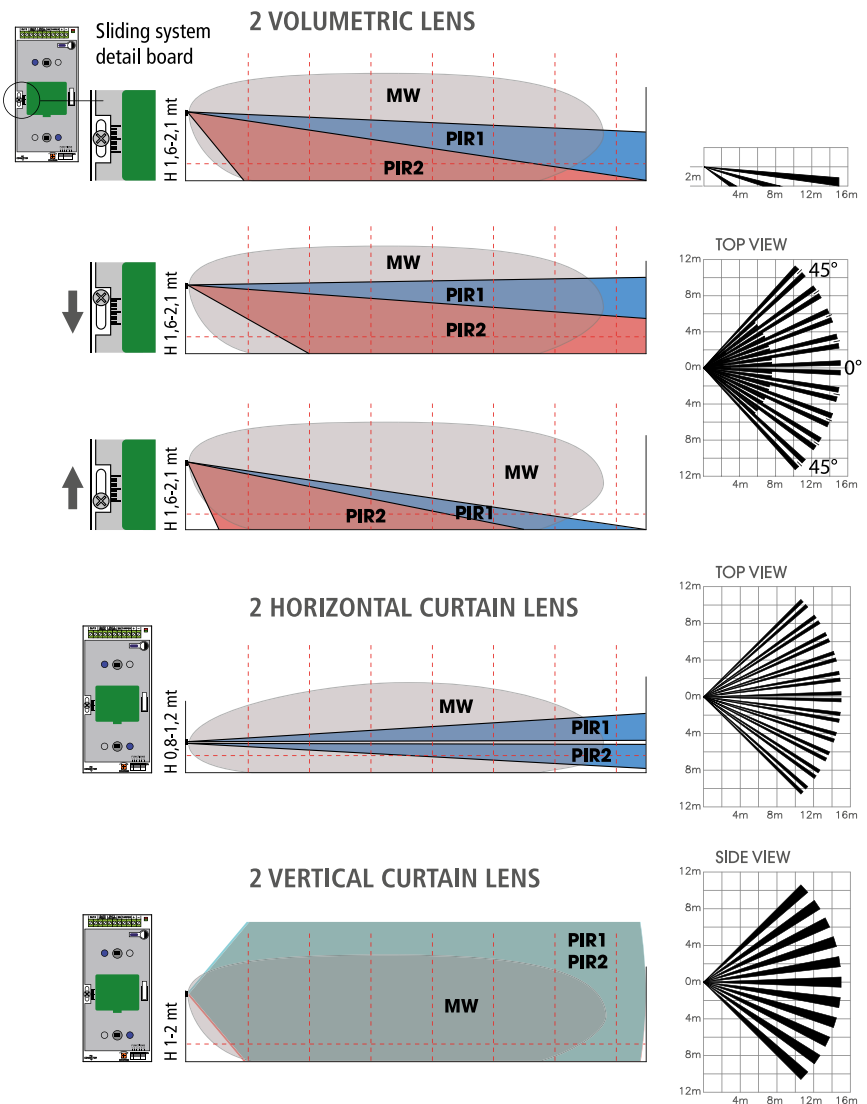
* Settable by PC

- Graphic visualization of each technology coverage
- Consultation of the statistics of violations of the individual technology for the detection of false alarms
- Free configuration of all the outputs available to the detector

- PRESET storage according to installation requirements
- Pre-alarm configuration using one or more detector's technologies
- Internal memory events, to verify which technology has generated alarm
- Double anti-masking with active IR
- No. 3 freely configurable output relays for the alarm, masking, blinding and malfunction functions
- Input of block detector (exclusion microwave when the system is disarmed)
- Trimmer coverage regulation in the function stand alone
- Led two-colour Red and Green
- No. 6 Dip switches for the various configurations

* Possibility of changing and combining different kinds of lens for any specific requirement

BRACKET SN3
Wall bracket with internal cables

38°

180°

Sliding system detail board

2 VOLUMETRIC LENS

H 1,6-2,1 mt

MW
PIR1
PIR2

2m
4m 8m 12m 16m

TOP VIEW
12m
8m
4m
0m
4m
8m
12m
45°
0°
45°
4m 8m 12m 16m

2 HORIZONTAL CURTAIN LENS

H 0,8-1,2 mt

MW
PIR1
PIR2

TOP VIEW
12m
8m
4m
0m
4m
8m
12m
4m 8m 12m 16m

2 VERTICAL CURTAIN LENS

H 1-2 mt

PIR1
PIR2
MW

SIDE VIEW
12m
8m
4m
0m
4m
8m
12m
4m 8m 12m 16m

Soutdoor/L

Dual digital PIR detector

* Digital signal analysis system with thermal compensation

Soutdoor/BC

Dual digital PIR detector

* Digital signal analysis system with thermal compensation

* Can be used with all types of radio transmitters

	Soutdoor/T Triple technology	Soutdoor/L Dual digital PIR	Soutdoor/BC Dual digital PIR
EN 50131-2-4 / GRADE 2 / CLASS 4	YES	-	-
RANGE	3 - 15 mt	6 - 12 mt	3 - 15 mt
ANGLE	90°	90°	90°
PYROELECTRIC	2 elements	full digital	full digital
LENS 1	Fresnel (22 patterns on 3 levels)		
LENS 2	Fresnel horizontal curtain (11 patterns on 1 level)		
OPTIONAL LENS	Fresnel vertical curtain (11 patterns on 11 levels)		
ALARM TIME	2''	2''	2''
ALARM TYPE	AND - OR - AUTO OR	double PIR with AND function (AND time 4'')	double PIR with AND function (AND time 4'')
SELF TEST	YES	-	-
OUTPUTS	100 mA - 40 V - 2.5 - 16 Ω	0.2 A - 24 Vdc	max 20 mA - 9 V
TAMPER SWITCH	max 40 mA - 30 Vdc	max 40 mA - 30 Vdc	max 40 mA - 30 Vdc
WALK TEST'S LED (MW & PIR)	YES	YES	YES
MICROWAVE FREQUENCY	9.3 - 9.9 - 10.5 Ghz	-	-
ANTI-INCLINATION TAMPER	with accelerometer	-	-
ANTI-OPENING TAMPER	YES	YES	YES
BACK TAMPER	YES	YES	YES
ANTI-MASKING DEVICE	YES	-	-
DOUBLE PULSE FUNCTION	YES	YES	YES
RFI PROTECTION	30 V/m	30 V/m	30 V/m
TEMPERATURE COMPENSATION	YES	YES	YES
BRACKET AVAILABLE	YES	YES	YES
POWER SUPPLY	9 - 15 V	10.5 - 15 V	3 - 9 V
CONSUMPTION (ALARM/STAND-BY)	52 mA / 46 mA @ 13.8 V	35 mA / 20 mA @ 13.8 V	5 mA / 9 uA @ 9 V
VOLTAGE	13.8 V	13.8 V	3 - 9 V
HOUSING	ABS	ABS	ABS
PET IMMUNITY	YES	YES	YES
PROTECTION CLASS	IP 65	IP 65	IP 65
OPERATING TEMPERATURE	from -30°C to +70°C	from -30°C to +70°C	from -30°C to +70°C
DIMENSIONS	185 x 85 x 66 mm	185 x 85 x 66 mm	185 x 85 x 81 mm

OUTDOOR SIRENS

Blade

EN 50131-4 / GRADE 2

	Blade 01	Blade 01/S	Blade 24V
EN 50131-4 / GRADE 2	YES	-	-
SOUND POWER	100 dB at 1mt 85 dB at 3mt	100 dB at 1mt 85 dB at 3mt	100 dB at 1mt 85 dB at 3mt
WATCHDOG'S LED	YES	YES	YES
SYSTEM STATUS VISUALIZATION	-	YES	YES
ALARM'S MEMORY	-	YES	YES
SEPARATED TRIGGERS	-	YES	YES
WORKING WITHOUT BATTERY	-	YES	YES
ANTI-OPENING TAMPER	YES	YES	YES
BACK TAMPER	YES	YES	YES
PROTECTION CLASS	IP 54	IP 54	IP 54
POWER SUPPLY	13.8 Vdc	13.8 Vdc	24 V

Order codes:

BLADE 01: white cover, red light
BLADE 01-WW: white cover, white light
BLADE 01-WB: white cover, blue light

BLADE 01/S: white cover, red light
BLADE 01/S-WW: white cover, white light
BLADE 01/S-WB: white cover, blue light

BLADE 24V: red cover, red light
BLADE 24V-RW: red cover, white light
BLADE 24V-RB: red cover, blue light

✳ Piezoelectric technology

✳ Polycarbonate case

✳ Self powered siren

Available Case colours: white / red
Available Flash colours: red / white / blue
Dimensions: W 210, H 295, D 70 mm

INDOOR SIREN

PZ2

PZ 2 is a indoor, bitonal, piezoelectric siren, suitable for all installations need. This product is entirely made of ABS.
It is equipped with anti-opening and back tamper switches.
Sound power: 108 dB at 1mt
Power supply: 12 Vdc
Available Case colour: white
Dimensions: W 135, H 95, D 45 mm

SRSeries

EN 50131-4 / GRADE 2

|	SR 136	SR 136 FIRE/24V
EN 50131 - 4 / GRADE 2	YES	-
IMQ APPROVAL	YES	-
SOUND POWER	100 dB at 1 mt / 85 dB at 3 mt	
LED LAMP	YES	YES
WATCHDOG'S LED	YES	YES
SYSTEM STATUS VISUALIZATION	YES	YES
SYSTEM STATUS SOUND SIGNALLING	YES	YES
ALARM'S MEMORY	YES	YES
SEPARATED TRIGGERS	YES	YES
SOUND TYPE MODIFICATION	YES	YES
ANTI-OPENING TAMPER	YES	YES
BACK TAMPER	YES	YES
ANTIFOAM PROTECTION	optional	optional
PROTECTION CLASS	IP 54	IP 54
POWER SUPPLY	13.8 Vdc	24 V

Order codes:

SR 136: white cover, orange light
SR 136 WR: white cover, red light
SR 136 WB: white cover, blue light

SR 136 SILVER: silver cover, blue light
SR 136 SILVER-SO: silver cover, orange light
SR 136 SILVER-SR: silver cover, red light

SR 136 FIRE/24V: red cover, red light
SR 136 FIRE/24V-RO: red cover, orange light
SR 136 FIRE/24V-RB: red cover, blue light
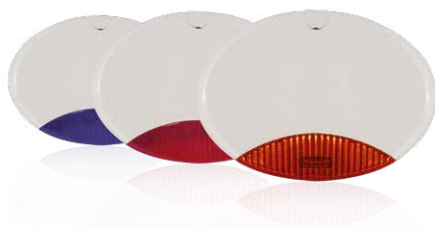
* Polycarbonate case
* Self powered siren

Available Case colours: white / silver / red
Available Flash colours: orange / red / blue
Dimensions: W 220, H 280, D 100 mm

Battery box 2 Ah

Antifoam
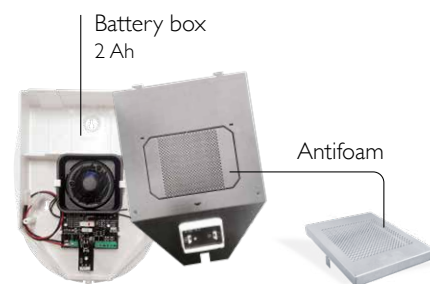
Iside

EN 50131-4 / GRADE 2

* Piezoelectric technology
* Polycarbonate case
* Self powered siren
* The flat surface permits a simple and visible siren customization

Order codes:

ISIDE 130: white cover, orange light
ISIDE 130-WR: white cover, red light
ISIDE 130-WB: white cover, blue light

ISIDE 140: white cover, orange light
ISIDE 140-WR: white cover, red light
ISIDE 140-WB: white cover, blue light

ISIDE 140/24V: red cover, red light
ISIDE 140/24V-RO: red cover, orange light
ISIDE 140/24V-RB: red cover, blue light

Available Case colours: white / red
Available Flash colours: orange / blue / red
**Dimensions:** W 320, H 220, D 55 mm

|	Iside 130	Iside 140	Iside 140/24V
EN 50131 - 4 / GRADE 2	-	YES	-
SOUND POWER	100 dB at 1mt / 85 dB at 3mt		
BATTERY CHECK	-	YES	YES
LAMP CHECK	-	YES	YES
WATCHDOG'S LED	YES	YES	YES
SYSTEM STATUS VISUALIZATION	-	YES	YES
SYSTEM STATUS SOUND SIGNALLING	-	YES	YES
ALARM'S MEMORY	-	YES	YES
SEPARATED TRIGGERS	-	YES	YES
ANTI-OPENING TAMPER	YES	YES	YES
BACK TAMPER	YES	YES	YES
PROTECTION CLASS	IP 54	IP 54	IP 54
POWER SUPPLY	13.8 Vdc	13.8 Vdc	24 V

SPEECH DIALLER
WITH 4G MODULE

VOX-4W

VOX-4W is a **GSM** dialler remote-controlled bidirectional 5-lines configurable as inputs and outputs. It has listening environment, the outputs can be managed by voice call, text messages and phone calls with CALLER ID recognition. The phone numbers are freely assignable to voice calls and SMS.

- 5 terminals that can be programmed as inputs and/or outputs
- **Remote listening**
- Reset terminal calls
- 12 user codes
- 8 phone numbers can be associated with events and all the rest
- 200 telephone numbers used only for the activation of the outputs from the remote (ring and/or sms)
- 1 technical code
- 1 call reset code
- Life test sending
- Credit
- Dimensions: W 140, H 120, D 35 mm
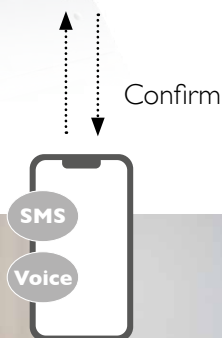
	VOX-4W
EN 50136-1-1 / GRADE 2	conform
NUMBER OF INPUTS / OUTPUTS	5
TELEPHONE NUMBERS	8
MESSAGE TIME	20"
DTMF DECODING	YES
SMS SENDING	YES
KEYPAD PROGRAMMABLE	YES
VOICE MENU PROGRAMMABLE	YES
SMS PROGRAMMABLE	YES
SIM EXPIRE ADVISE	YES
SIM CREDIT LEFT ADVISE	YES
PSTN LINE SIMULATION	YES
CALLER'S ID RECOGNITION	YES
POWER SUPPLY	13.8 Vdc

Confirm

SMS

Voice

Close

Open

Action

Irrigates

Light
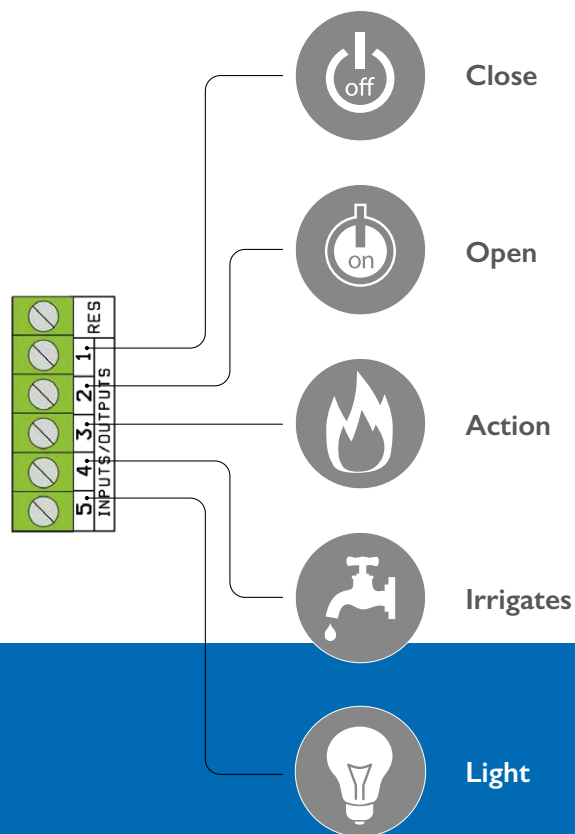
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