CATALOGUE

NEW SECURITY
CONCEPT
your security our mission.

Quality from experience
made in Italy.

LSC
Security Supplies

AMC
YOUR SECURITY CHOICE

Foreword

Founded in 1974, **AMC Elettronica** first hit the market with the "Rivela" – an innovative Microwave detector that was developed in conjunction with the University of Pavia. Well received by both the Italian and foreign markets, the Rivela quickly established AMC as a successful player within the security sector.

The 1980's saw AMC expand their range to include Alarm Control Units, Diallers and Sirens. The mid 1980's heralded the launch of the EL80 - AMC's first Alarm Control Unit. Not far behind was the CT901SV, the first dialler with vocal synthesis, which was launched just four years later. The revolutionary technological advances of the 1990's heavily impacted the direction of product design and demand wtihin the security sector. AMC took advantage of this change in demand and launched the first remote controllable radio system. Throughout the 1990's AMC continued to push the boundaries of security design, unveilling 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) at the 1998 Milan International Security Fair.

Quality from **experience** made in **Italy**.

Today **AMC** has an established international distribution network, delivering high quality, Italian made products. Our market leading design is well recognised by the industry, as our numerous awards can attest to.

AMC is a wholly Italian owned company. Our primary activity is the production and the commercialisation of Alarm components. Our headquarters are located in Alzate Brianza, only 30 km north of Milan. In Lurago d'Erba, only a few kilometres away from the headquarters, we have our test laboratory and a fully automated production line for the SMT technology electronic boards. We regularly perform CE approval for third parties at our state-of-the art test laboratory. To give our customers greater piece-of-mind, we submit our products for testing and inspection to external bodies and authorities to ensure our products continue to meet our high quality standards.
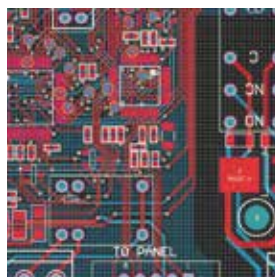
LSC Security Supplies

LSC Security Supplies is the Electronic Security division of LSC and have been supplying the security integrator market in Australia and New Zealand for over 10 years. As part of the LSC family, LSC Security Supplies is able to draw on the experience and knowledge of over 90 years of serving the security market.

A pioneer of the industry, Aubrey F. Johnson (founder of LSC) travelled the world researching and absorbing everything he could about the locksmithing industry with a desire to bring the latest advancements to Australia. His work set a strong foundation for LSC, which has enabled us to maintain and develop strong associations and partnerships with the locksmithing, security integrator, building and hardware industries. Today, we are a thriving business with over 150 employees, and local operations in every state. We have one of the largest ranges of hardware and security products in Australia and New Zealand, boasting more than 20,000 lines from leading electronic security manufacturers such as Dahua Technology, HID Global, DCS Cables, ICT Protege, FSH, SALTO, MicroLatch and Creone to name a few.

Serving the security industry since 1926.

While we have grown over the years, we have not lost sight of our main goal – to offer superior products to the security industry, and continue to grow our product range and services.

We are committed to delivering a knowledgeable, personal, and courteous service to our extensive customer base. We are also dedicated to ensuring those that our customers develop the same product knowledge and understanding, which is why we offer extensive product training and customer support through our TechED and TSU divisions.

LSC is an integral part of the security and hardware industries in Australia and New Zealand and we have numerous historical links to major associations operating in the security and locksmithing area.

Index

AMCPLUS

AMC PLUS is the new Application for managing the control panel via smartphone and tablet, available for Apple and Android.

- Updated and improved graphics
- Import system maps for each area and group
- Supports multiple users
- Increased speed and decreased bandwidth consumption

- Easy to use
- No need set up required; app configuration reflects panel programming

CONTROL PANEL   IP and/or GPRS/3G modules

AMC CLOUD

Features:

- Operation via CLOUD no need configurations
- ARM and DISARM in all combinations
- Enable and disable all programmed outputs
- Bypass of all zones ready and not ready
- Importing graphics maps of building where the system is installed
- Importing and changing ICONS and PHOTO of zones

- Events log
- Multiple installed control panel with 1 APP
- PUSH notifications
- HTTPS (SSL4) data protection
- Guaranteed operation with GPRS - 3G - 4G
- Different sound notification for different events
- App and maps can work in portrait and in landscape

K Series

AMC Cloud | ANDROID | iOS

EN 50131 / GRADE 2 / CLASS 2

K4
- from 4 to **16** wired zones
- 64 wireless zones

K8
- from 8 to **32** wired zones
- 64 wireless zones
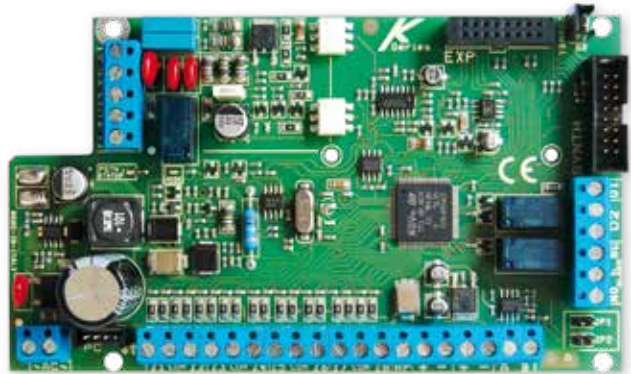
K8plus
- from 8 to **64** wired zones
- 64 wireless zones

GSM/GPRS/3G module

IP module

Multisplit zones
K4 - K8 (without expansions)

- 1 zone with single / double / triple EOL
- 2 zones with tamper protection
- 3 zones
- many other configurations

BUS line (4 wires) RS485

up to 1 km

CMS multiformat

Hybrid system (wired and wireless input)

PSTN on board

iOS / Android Application
AMCPLUS

Settable by PC

The **K Series** are security control panels for building protection; hybrid system (wired and wireless input); EN 50131, Grade 2, Class 2 approved. The control panel is equipped of 4/8 zones, expandable to 16/64. It is possible to obtain more zones by double and triple EOL split line (K4-K8). K Series are able to notify one or more situations of ALARM, ROBBERY, TAMPERING and TROUBLE with different carriers:

- **PSTN LINE on board** (voice call, contact ID, SIA fsk, etc.)
- **GSM/GPRS/3G module*** *optional* (voice call, SMS, contact ID, DC09 IP protocol for contact ID and SIA IP)
- **IP module*** *optional* (DC09 IP protocol for contact ID and SIA IP)

The panel can be controlled by the AMC Manager App (iOS / Android) with IP module and/or GPRS / 3G module. The programming can be made with keypad and/or PC software. The programming with software can be made remotely with IP module and/or GPRS / 3G module.

Technical Features			
	K**4**	K**8**	K**8** PLUS
ZONES	4 - 16 wired, split double, triple EOL	8 - 32 wired, split double, triple EOL	8 - 64 wired, double, triple EOL
WIRELESS ZONES	64 zones	64 zones	64 zones
OUTPUTS	2 on board - expandable to 8 (with expansions and keypads)	2 on board - expandable to 8 (with expansions and keypads)	2 on board - expandable to 17 (with expansions and keypads)
USER CODE / TAG / REMOTE	32 users	32 users	64 users
AREAS	4	4	8
GROUPS	4	4	4
KEYPAD	4	4	8
TAG READER	4	4	8
LOG EVENTS	1000	1000	1000
PHONE NUMBERS	8 for SMS and private calls + 8 for CMS	8 for SMS and private calls + 8 for CMS	8 for SMS and private calls + 8 for CMS
CARRIERS	PSTN on board, GSM/GPRS/3G module, IP module	PSTN on board, GSM/GPRS/3G module, IP module	PSTN on board, GSM/GPRS/3G module, IP module
OTHER INPUTS	TAMPER line / mechanical panel tamper	TAMPER line / mechanical panel tamper	TAMPER line / mechanical panel tamper
REMOTE MANAGEMENT IP - GPRS/3G	app (iOS - Android)	app (iOS - Android)	app (iOS - Android)
REMOTE PROGRAMMING IP - GPRS/3G	PC software	PC software	PC software
TIME ZONES	4 per day	4 per day	4 per day

amcalarms.tech

CONTROL PANELS

XSeries

AMC Cloud ANDROID iOS

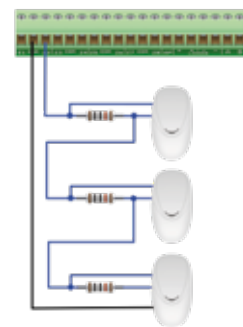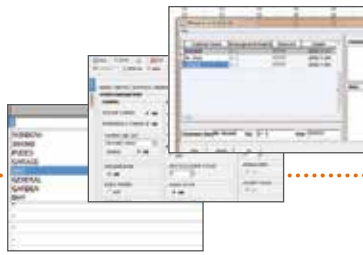EN 50131 / GRADE 2 / CLASS 2

X824
• from 8 to **32** wired zones
• 64 wireless zones

X864
• from 8 to **64** wired zones
• 64 wireless zones

X412
• from 4 to **16** wired zones
• 64 wireless zones

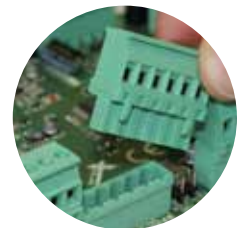GSM/GPRS/3G module   IP module   PSTN on board

BUS line (4 wires) RS485

up to 1 km

Voice support

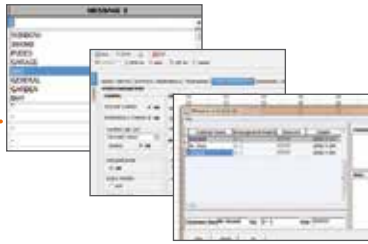Hybrid system (wired and wireless input)

iOS / Android Application
AMCPLUS

CMS multiformat

Voice managing

Clamps removable (X824-X864)

AMC CLOUD

Settable by PC

The **X Series** are security control panels for building protection; hybrid system (wired and wireless input); EN 50131, Grade 2, Class 2 approved. The control panel has audio support on board and is equipped of 4/8 zones, expandable to 16/64. It is possible to obtain more zones by double and triple EOL split line (X412-X824).
X Series are able to notify one or more situations of ALARM, ROBBERY, TAMPERING and TROUBLE with different carriers:

• **PSTN LINE on board** (voice call, contact ID, SIA fsk, etc.)
• **GSM/GPRS/3G module***optional* (voice call, SMS, contact ID, DC09 IP protocol for contact ID and SIA IP)
• **IP module***optional* (DC09 IP protocol for contact ID and SIA IP)

The panel can be controlled by the AMC Manager App (iOS / Android) with IP module and/or GPRS / 3G module. The programming can be made with keypad and/or PC software. The programming with software can be made remotely with IP module and/or GPRS / 3G module.

Technical Features			
	X**412**	X**824**	X**864**
ZONES	4 - 16 wired, split double, triple EOL	8 - 32 wired, split double, triple EOL	8 - 64 wired, double, triple EOL
WIRELESS ZONES	64 zones	64 zones	64 zones
OUTPUTS	5 on board - expandable to 8 (with expansions and keypads)	5 on board - expandable to 8 (with expansions and keypads)	5 on board - expandable to 17 (with expansions and keypads)
USER CODE / TAG / REMOTE	32 users	32 users	64 users
AREAS	4	4	8
GROUPS	4	4	4
KEYPAD	4	4	8
TAG READER	4	4	8
LOG EVENTS	1000	1000	1000
PHONE NUMBERS	8 for SMS and private calls + 8 for CMS	8 for SMS and private calls + 8 for CMS	8 for SMS and private calls + 8 for CMS
CARRIERS	PSTN on board, GSM/GPRS/3G module, IP module	PSTN on board, GSM/GPRS/3G module, IP module	PSTN on board, GSM/GPRS/3G module, IP module
OTHER INPUTS	TAMPER line / mechanical panel tamper	TAMPER line / mechanical panel tamper	TAMPER line / mechanical panel tamper
REMOTE MANAGEMENT IP - GPRS/3G	app (iOS - Android)	app (iOS - Android)	app (iOS - Android)
REMOTE PROGRAMMING IP - GPRS/3G	PC software	PC software	PC software
TIME ZONES	4 per day	4 per day	8 per day

X64GPRS

X64GPRS

- **64** wireless / wired zones
- **32** wireless devices on board
- **GPRS** on board

GPRS on board

- 916 MHz bidirectional

- GSM/GPRS/3G module

- BUS line (4 wires) RS485

- Voice support

Radio on board

- Range 1 km

- Hybrid system (wired and wireless input)

up to 1 km

CMS multiformat
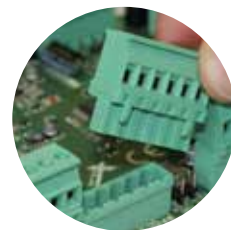
Clamps removable

iOS / Android Application
AMCPLUS

AMC CLOUD

amcalarms.tech
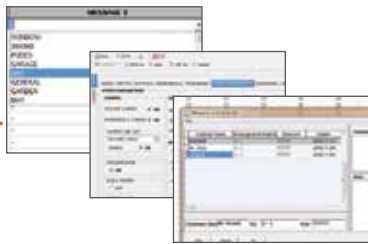
Settable by PC

The **X64GPRS** is security control panel for building protection; hybrid system (wired and wireless input). The control panel has audio support on board and it's equipped of 8 wired/wireless zones expandable to 64 wired/wireless zones. X64GPRS is able to notify one or more situations of ALARM, ROBBERY, TAMPERING and TROUBLE with different carriers: **GSM/GPRS/3G module** (voice call, SMS, contact ID, DC09 IP protocol for contact ID and SIA IP).

The panel can be controlled by the AMC Manager App (iOS / Android) with GPRS/3G module. The programming can be made with keypad and/or PC software.
The programming with software can be made remotely with GPRS/3G module.

Technical Features

	X**64** GPRS
WIRELESS / WIRED ZONES	64
WIRED ZONES ON BOARD	8
WIRELESS DEVICES ON BOARD	32
OUTPUTS	5 on board - expandable to 17 (with expansions and keypads)
USER CODE / TAG / REMOTE	64 users
AREAS	8
GROUPS	4
KEYPAD	8
TAG READER	8
LOG EVENTS	1000
PHONE NUMBERS	8 for SMS and private calls + 8 for CMS
CARRIERS	GSM / GPRS / 3G module
OTHER INPUTS	TAMPER line / mechanical panel tamper
REMOTE MANAGEMENT GPRS/3G	app (iOS - Android)
REMOTE PROGRAMMING GPRS/3G	PC software
TIME ZONES	8 per day

XR900

AMC Cloud | ANDROID | iOS

REAL BIDIRECTIONAL SYSTEM

XR900
- 64 wireless zones
- 10 wired zones

XR900
wireless control panel

TR900
pocket remote control

RP900
wireless repeater

SS900
radio seismic detector

SRL900
wireless outdoor siren

K-lcd W 900
wireless keypad

CM900mini
extra small magnetic contact (2 inputs)

CM900
small magnetic contact (2 inputs)

CU900
magnetic contact (3 inputs)

IF900/T
curtain effect detector

IF900-IF900/P
volumetric detector

Soutdoor900
low consumption outdoor detector

SF900
smoke detector

The **XR900** is a new wireless control panel by AMC. The control panel is equipped of 64 wireless zones that are configured in different functions (alarm, robbery, smoke, detection, seismic). XR900 is able to notify one or more situations of ALARM, ROBBERY, TAMPERING and TROUBLE with different carriers:
- **PSTN LINE on board** (voice call, contact ID, SIA fsk, etc.)
- **GSM/GPRS/3G module** (voice call, SMS, contact ID, DC09 IP protocol for contact ID and SIA IP)
- **IP module** (DC09 IP protocol for contact ID and SIA IP)

The panel can be controlled by the AMC Manager App (iOS/Android) with IP module and/or GPRS/3G module. The programming can be made with keypad and/or PC software. The programming with software can be made remotely with IP module and/or GPRS/3G module.

XR900 is compatible with all ACCESSORIES of K and X Series:

Unika
touchscreen keypad

K-LCD Light
keypad

KX-In
board expansion

IP1 module

K-LCD Blue
keypad

K-LCD Light Plus
keypad

KX-Out
board expansion

X-GPRS/3G module
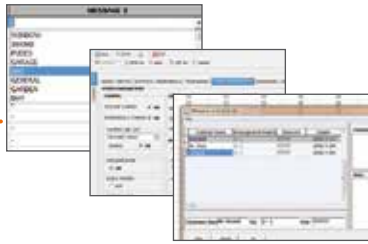
Settable by PC

- 916 MHz bidirectional
- Range 1 km
- Communications: PSTN - IP - GPRS - 3G
- Batteries included
- BUS line (4 wires) RS485
- Siren integrated
- Voice support
- PSTN on board

CMS multiformat

Technical Features	
	XR **900**
WIRELESS ZONES	64 zones
WIRED ZONES	2 on board - expandable to 10 (with expansions and keypads)
OUTPUTS	2 on board - expandable to 17 (with expansions and keypads)
USER CODE / TAG / REMOTE	64 users
AREAS	4
GROUPS	4
KEYPAD	2
TAG READER	4
LOG EVENTS	1000
PHONE NUMBERS	8 for SMS and private calls + 8 for CMS
CARRIERS	PSTN on board, GPRS/3G module, IP module
REMOTE MANAGEMENT IP - GPRS/3G	app (iOS - Android)
REMOTE PROGRAMMING IP - GPRS/3G	PC software
TIMERS	4 per day

iOS / Android Application
AMCPLUS

Unika
TOUCHSCREEN KEYPAD

Unika is the new AMC touchscreen keypad with 5-inche screen and ABS thin cover. It is equipped with an intuitive, user friendly interface. With just few steps you can manage all the functions of the keypad.

Features:

- Display 5 inch TFT high resolution (480 x 272)
- User friendly icons interface
- SD card reader for image loading, FW upgrading
- NFC reader for smartphone recognizing
- Microphone and speaker
- Temperature sensor
- Vocal memo

- Alarm clock function
- Photo frame screensaver
- Thin cover
- Wall installation
- Compatible with K Series, X Series, X64gprs, XR900 control panels
- Dimensions: W 155, H 100, D 18 mm

- Date and hour
- Info Task Bar
- Arm / Disarm
- Temperature
- Log events
- Trouble and alert
- Microphone
- Badge for signalling recorded memo
- Outputs command
- Set up
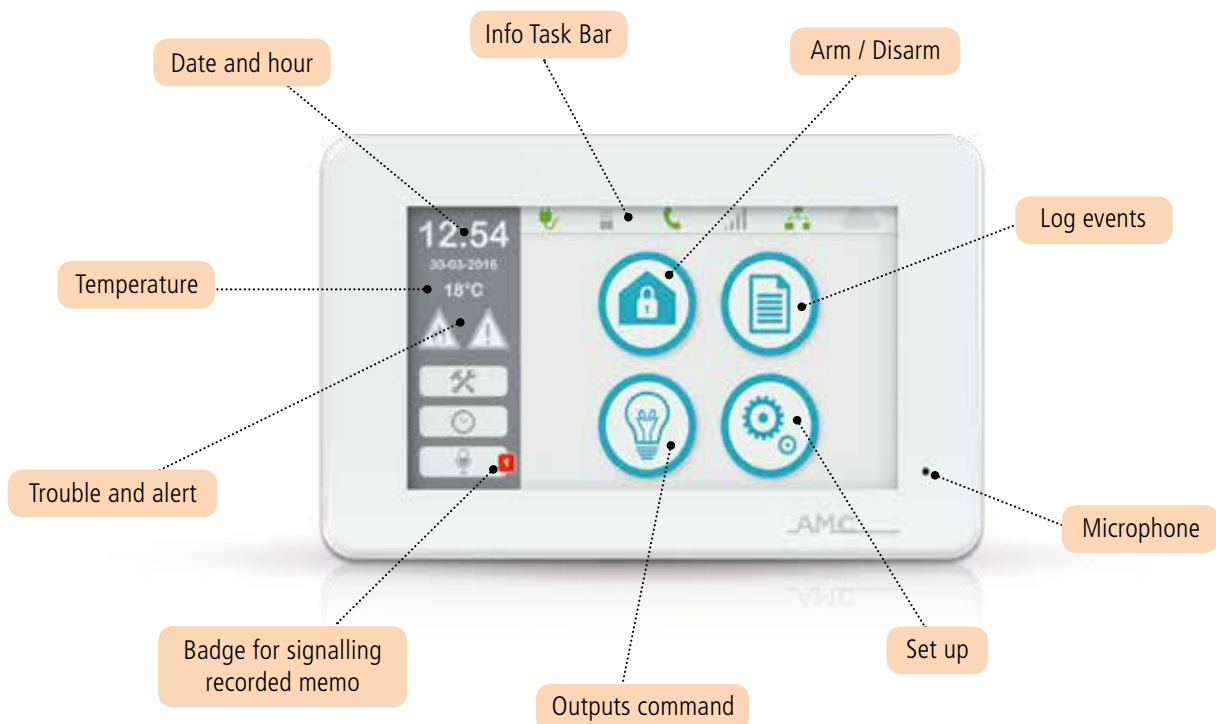
KSeries, XSeries, X64GPRS

Unika - Touchscreen keypad

Unika is the new entry of AMC, 5 inch touchscreen keypad.
Cool and intuitive interface. You can manage all
function of panel with few touch.
Dimensions: W 155, H 100, D 18 mm

K-LCD Blue - LCD Backlight remote 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 135, H 116, D 24 mm

K-LCD Light Plus - LCD Backlight remote 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 - LCD Backlight remote 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

K-LCD - LCD Backlight remote keypad

Backlight 32 characters liquid crystal display on two lines - 3 signalling LEDs. Protective front door.
Available colours: white, silver - Dimensions: W 140, H 120, D 35 mm

K-Voice - LCD backlight remote keypad with integrated audio support

32 characters on two lines backlight LCD display - 3 signalling LEDs. Protection Cover and built-in speaker.
Available colours: white - Dimensions: W 140, H 120, D 35 mm

KSeries, **X**Series, **X64**GPRS

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916 MHz   K-Radio900 - LCD Backlight remote keypad with an integrated radio receiver

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K-Radio900 is a keypad with an integrated radio receiver on serial bus operating in the 916 MHz band with the ability to store 32 two-way radio devices of different types: remote controls, detectors, smoke detectors, inertial etc.

The 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

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916 MHz   Expr900 - Radio expansion

Expr900 is a radio receiver on serial bus operating in the 916 MHz band 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.

KX-In - Board expansion

KX-In is a 8 zones expansion module with auto protection tamper box.

KX-Out - Board expansion

KX-Out is a 3 relay outputs expansion module with auto protection tamper box.

IP1 - IP module (for K Series and X Series)

IP module for connection panel to Internet/Cloud.
CMS messages, cloud service, app management, remote programming.

X-GSM/GPRS/3G - Module for communication (for K Series and X Series)

GSM/GPRS/3G module for communication.
Voice call, SMS, CMS messages, cloud service, app management, remote programming.

SV/K - Voice module (for K Series)

Plug on card voice module for K series panel.

Proximity - Transponder

IP65 Proximity device for arm, disarm and partial arm the control panel.
Available colours: white
Dimensions: W 80, H 135, D 28 mm

COM/USB - USB adapter

COM/USB is an adapter for programming control panels.

KX-Tag - Proximity Tag

Badge with RFID tag, for arm and disarm the control panel.
Dimensions: W 85 x H 54 mm

KX-Key - Keyfob

Keychains in ABS black, IP68, with RFID tag for arm and disarm the control panel.
Dimensions: W 60 x H 25 x D 6 mm

900 Series · 916 MHz
KSeries, XSeries, X64GPRS, XR900

CM900MINI - Mini magnetic contact

CM900Mini is a very small device; it has 2 completely separable and partitionable configurable inputs: an internal REED and a clamped input for an external generic contact. It 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. It's provided with anti-opening protection. It's also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. Available colours: white - Dimensions: W 25, H 50, D 17 mm

CM900 - Small magnetic contact

CM900 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 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. It's provided with panel tamper protection. It's also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. Available colours: white - Dimensions: W 37, H 78, D 21 mm

CU900 - Magnetic contact

CU900 is a 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 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. It's provided with panel tamper protection. It's also supervised (automatic life test). The standard lithium-ions battery allows a very long duration.
Available colours: white - Dimensions: W 37, H 130, D 27 mm

IF900 / IF900/P - Volumetric detector

IF900 is a 15 mt range infrared wireless detector with more than 90° angular range thanks to its 31 beam lens. It 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. It's provided with a panel tamper protection. It's also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. IF900/P is like IF900 but includes pet immunity up to15 kg. Available colours: white - Dimensions: W 60, H 110, D 46 mm

IF900/T - Curtain effect detector

IF900/T 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. The 128 bit AES encryption code guarantee an high security. It's provided with a panel tamper protection. It's also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. Available colours: white - Dimensions: W 130, H 37, D 37 mm

RP900 - Wireless Repeater   *Suits firmware version 3.77 onward

RP900 is able to repeat all signals coming from all wireless systems 900 Series. Powered by external power of 12Vdc and it has rechargeable batteries with duration of 24/48H without main power. It's programmable via software with wireless devices codes or in self learning mode. Dimensions: W 106, H 80, D 25 mm.
Available colours: white, dark brown - Dimensions: W 130, H 37, D 37 mm

KLCDW900 - Wireless LCD Keypad

Bidirectional wireless keypad powered by batteries (2 batteries AAA - Alkaline 1.5V). It can be fed with external power (4 - 18 Vdc). It is equipped with a LCD display 32 characters on two lines, and a programmable NFC / RFID tag reader, with which it is possible to arm / disarm and enable / disable programmed outputs. It is a full bidirectional keypad and allows the user to have a real feedback of the status of the system (not ready zones, troubles etc.). Dimensions: W 135, H 116, D 24 mm

TR900 - Pocket remote control

Programmable 5 channels radio remote controller. It 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. Also this allows you to have a carryover of system status or of any equipment that is managed remotely. The 128 bit AES encryption code guarantee an high security. The standard lithium-ions battery allows a very long duration.
Available colours: white with grey keys, grey with white keys, black with grey keys
Dimensions: W 42, H 58, D 13 mm

SS900 - Radio seismic detector

SS900 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 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. It's provided with panel tamper protection. It's also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. Available colours: white, dark brown - Dimensions: W 37, H 78, D 21 mm

SF900 - Smoke detector

SF900 is a stand-alone wireless smoke detector designed for protection small areas. SF900 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's equipped with a 9-volt battery and emits a modulated sound, compatible with the evacuation signal when it detects smoke. It 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. It's also supervised (automatic life test). The standard lithium-ions battery allows a very long duration. Available colours: white - Dimensions: Ø 120, H 55 mm

Soutdoor900 - Wireless Low consumption outdoor detector

Soutdoor900 is a wireless outdoor double PIR detector, pet immune. It is usable with 900 series wireless system. It's 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 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°. Available colours: white

SRL900 - Wireless siren

SRL900 is a two-way supervised wireless siren with wireless control. The 128 bit AES encryption code guarantee an high security; autolearning programming, internal antenna with high efficiency; internal battery back-up 7.2V 700mAh Ni-MH batteries. Low consumption wide range of external power supply with 10V to 15V, 150mA max. Panel and back tampers; high efficiency LED light. Possibility to activate one or more functions directly by keypad: memory alarm sound, alarm memory, sound for arm/disarm, visual system status for arm/disarm & stand-by LED to indicate any proper operation. Need 12 V power supply.

Soutdoor

38°

180°

Soutdoor/T

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

Soutdoor/T is an outdoor detector, that can be used for all external installations. It can be programmed by PC software, for these reason it is very efficient and complete for any particular installation (in garden with a lot of plants, animals, sun, and other sources that cause false alarms). It has maximum endurance, thanks to high protection grade. You have also the possibility to change cover, with different lens, so Soutdoor/T is suggested for all types of installation (near wall for door and windows protection, in places reach of vegetables or in presence of animals).

- Outdoor detector programmable by PC software:
    1. Complete programming of all detector's function
    2. Graphic visualization of each technology coverage
    3. Possibility of consulting the last events, memorized by detector
    4. Possibility of configuring the outputs
    5. Possibility of configuring 4 PRESET working, based on requirements
    6. Possibility of configuring pre-alarms, using one or more detector's technologies

- Range from 3 mt to 15 mt
- Internal memory events, to verify which technology has generated alarm
- Detector with three technologies (2 PIR, 1 microwave)
- Cover with different lens, depending on the type of installation (volumetric, curtain vertical/horizontal)
- PET immunity adjustable with different weight
- Double anti-masking with active IR
- Panel and back tamper protection with microswitch
- Tamper anti-inclination with accelerometer when it is used with bracket
- 3 outputs relé free to be used for alarm functions, masking and blinding
- 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
- N° 6 Dip switches to setup functions:
  AND OR AUTO OR MULTIMPULSE PRESET, that you can set up by pc
  (4 separate preset)

SETTABLE by PC

Pet Immunity   AntiMasking

Sout**door**/L
DUAL DIGITAL PIR

Soutdoor/L is a dual digital PIR detector, with an analysis system that takes into account the two most important changes that may occur during a movement: the speed and the intensity. With the simultaneous comparison of these two information, the detector is able to discriminate repetitive movements from intrusion, lowering the percentage of false alarms. With high thermal variations, the totally digital temperature compensation system, guarantees a great performance. Has 12 mt max coverage, with angle of 90°. With usable different type of lens it is possible use the detector in different situation, related to the height positioning, and the type of protection required, as curtain protection etc.

Functional features:
- Double PIR detector with AND function (AND time 4")
- Range from 6 mt to 12 mt
- Alarm Led
- Double pulse function
- Interchangeable fresnel lenses
- Bracket
- Free alarm contact solid state relay (NO, NC)
- Tamper contact solid state relay (NO e NC)

Technical features:
- Power supply: from 10.5V to 15V
- Stand-by consumption: 14 uA
- Alarm consumption: 25 mA

Pet Immunity

Sout**door**/BC
LOW CONSUMPTION

Soutdoor/BC is a low consumption outdoor detector. It is usable with all types of radio transmitters, due to the very low consumption, 9uA ensures a long battery life of the radio devices connected. It has a very low threshold operation, 2.55Vdc. It's a full digital detector (with 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 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°.

Pet Immunity

Functional features:
- Double PIR detector with AND function (AND time 4")
- Range from 3 mt to 15 mt
- Alarm Led
- Alarm Buzzer
- Test function
- Stand by mode for battery saving
- Double pulse function
- Interchangeable fresnel lenses
- Bracket
- Free alarm contact solid state relay (NO, NC)
- Tamper contact solid state relay (NO e NC)

Technical features:
- Power supply: from 3 V to 9 V
- Stand-by consumption: 9 uA
- Alarm consumption: 5 mA

BRACKET SN3

38°

180°

amcalarms.tech

SOUTDOOR
gives the possibility of changing and combining different
kinds of lens for any specific requirement

Sliding system
detail board

2 VOLUMETRIC LENS

H 1,6 - 2,1 mt

MW
PIR1
PIR2

2m   4m   6m   8m   10m   12m   14m   16m

2m

TOP VIEW

12m
10m
8m
6m
4m
2m
0m
2m
4m
6m
8m
10m
12m

45°
0°
45°

2m   4m   6m   8m   10m   12m   14m   16m

H 1,6 - 2,1 mt

MW
PIR1
PIR2

H 1,6 - 2,1 mt

MW
PIR1
PIR2

2 HORIZONTAL CURTAIN LENS

H 0,8 - 1,2 mt

MW
PIR1
PIR2

TOP VIEW

12m
10m
8m
6m
4m
2m
0m
2m
4m
6m
8m
10m
12m

2m   4m   6m   8m   10m   12m   14m   16m

2 VERTICAL CURTAIN LENS

H 1 - 2 mt

PIR1
PIR2
MW

SIDE VIEW

12m
10m
8m
6m
4m
2m
0m
2m
4m
6m
8m
10m
12m

2m   4m   6m   8m   10m   12m   14m   16m

Promask

EN 50131-2-4 / GRADE 2

Technical Features	
	PROMASK
EN 50131-2-4 / GRADE 2	YES
RANGE	20 mt
ANGLE	90°
LENS	Fresnel
MICROWAVE FREQUENCY	9.3 - 9.9 - 10.5 Ghz
MICROWAVE EMITTED POWER	10 mW impuls
ALARM TIME	2''
ALARM TYPE	AND - OR - AUTO OR
WALK TEST'S LED (MW & PIR)	YES
COVER TAMPER	YES
BACK TAMPER	with accelerometer
ALARM CONTACT	100 mA - 40 V - 2.5 - 16 Ω
PULSE COUNTER	YES
RFI PROTECTION	30 V/m
TEMPERATURE COMPENSATION	YES
DIGITAL ANALYSIS	YES
BRACKET AVAILABLE	YES
POWER SUPPLY	13.8 Vdc
CONSUMPTION	32 mA
HOUSING	ABS
OPERATING TEMPERATURE	from -10°C to +40°C
DIMENSIONS	130 x 65 x 40 mm

10 YEARS warranty

AntiMasking

RFI/white light digital filter protection

Accelerometer

Infrared digital analysis

Range up to 20 mt

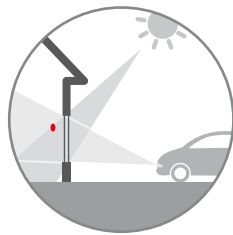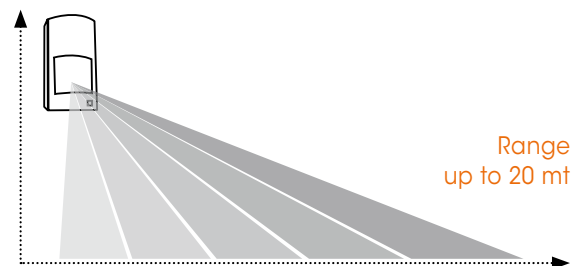**Promask** is the first born of a new generation of high-end digital detectors DT from AMC, indeed the functional features and multiple updates allows this detector to be on of the best products on the market.
Some updates:

• **ANTIMASKING** active on both technologies
• **NOISE REDUCTION** function for installation problems in terms of noise
• Activation and deactivation of the **MICROWAVE EMISSION** according to system status
• Internal/built in **ACCELEROMETER,** with position recognition, vertical and horizontal, with tamper, removing, mechanical shocks and orientation notifications with no need of any connection to the wall.

Available colours: white

BRACKET SN2
(wall bracket)

Smile

EN 50131-2-2 / GRADE 2

Pet Immunity

BRACKET SN2
(wall bracket)

BRACKET SN4
(wall / ceiling bracket)

Detectors with an analysis system that takes into account the two most important changes that may occur during a movement: the speed and the intensity.

With the simultaneous comparison of these two information, the detectors are able to discriminate repetitive movements from intrusion, lowering the percentage of false alarms.

With high thermal variations, the totally digital temperature compensation system, guarantees a great performance. They have 15 mt coverage, with angle of 90°. With the special lens are equipped of creep zone.

Available colours: white

Smile19 - Smile19/P

EN 50131-2-2 / GRADE 2
Digital PIR
PET IMMUNE up to 15 kg (Smile 19/P)

Smile20 - Smile20/P

EN 50131-2-2 / GRADE 2
Digital PIR with internal EOL resistors
PET IMMUNE up to 15 kg (Smile 20/P)

Smile21 - Smile21/P

CONFORM TO EN 50131
Digital PIR
Automatic system for coverage regulation
PET IMMUNE up to 15 kg (Smile 21/P)

10 YEARS warranty

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

DETECTORS - DUAL TECHNOLOGY

Mouse

EN 50131-2- 4

Pet Immunity   AntiMasking

BRACKET SN2
(wall bracket)

BRACKET SN4
(wall / ceiling bracket)

Mouse02

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

Dual Technology ANTI-MASKING detector
with EOL resistors
PET IMMUNE up to 15 kg (Mouse 02/P)

Mouse09 - Mouse09/P

EN 50131-2-4 / GRADE 2

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

Dual technology detectors with an analysis system that takes into account the two most important changes that may occur during a movement: the speed and the intensity. With the simultaneous comparison of these two information, the detectors are able to discriminate repetitive movements from intrusion, lowering the percentage of false alarms. With high thermal variations, the totally digital temperature compensation system, guarantees a great performance. Are equipped with internal EOL resistors. They have 15 mt coverage, with angle of 90°. With the special lens are equipped of creep zone.
Available colours: white

10 YEARS warranty

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

MouseGS

CONFORM TO EN 50131

10 YEARS warranty

Technical Features		
	MOUSE GS	**MOUSE GS/P**
POWER SUPPLY	13.8 Vdc	13.8 Vdc
CONSUMPTION	23 mA	23 mA
RANGE PIR	3 - 15 mt	3 - 15 mt
RANGE MICROPHONE	10 mt	10 mt
ANGLE	90°	90°
ALARM TIME	2''	2''
WALK TEST'S LED	YES	YES
CREEP ZONE	YES	YES
COVER TAMPER	YES	YES
RFI PROTECTION	30 V/m	30 V/m
TEMPERATURE COMPENSATION	YES	YES
DIGITAL ANALYSIS	YES	YES
BRACKET AVAILABLE	YES	YES
HOUSING	ABS	ABS
PET IMMUNITY	-	YES
OPERATING TEMPERATURE	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

Dual technology analysis MICROPHONE and PIR

White light digital filter protection

RFI digital protection

MouseGS - MouseGS/P

PIR and microphone glass break detector
PET IMMUNE up to 15 kg (Mouse GS/P)

Pet Immunity

It's a dual technology detector consists of a PIR and a microphone for the notification of shock and glass breakage. It has independent settings and separate outputs for the PIR and the microphone section. It has a maximum range of 10 mt for the microphone section, and approximately 15 mt for the infrared. You can adjust the microphone section only for glass breakage, or for shock and glass breakage. It has the ability to have different filterings to accentuate or less the efficiency in detecting breakages/damage. Pet immune up to 15 kg (Mouse GS/P).
Available colours: white

Simplified assembly without screws

BRACKET SN2
(wall bracket)

BRACKET SN4
(wall / ceiling bracket)

GLASS BREAK DETECTOR

GS1

CONFORM TO EN 50131

10 YEARS warranty

Technical Features	
	GS1
POWER SUPPLY	13.8 Vdc
CONSUMPTION	15 mA
RANGE MICROPHONE	8 mt
ALARM TIME	2''
COVER TAMPER	YES
RFI PROTECTION	30 V/m
DIGITAL ANALYSIS	YES
HOUSING	ABS
OPERATING TEMPERATURE	from -10°C to +40°C
DIMENSIONS	37 x 78 x 21 mm

GS1 is a microphone glass break detector. It is equipped with filters that allow to determinate different types of glass breakage. It has a range of about 8 meters, and can be installed in any position without compromising efficiency.
Available colours: white, dark brown

SEISMIC DETECTOR

SS14

DIGITAL DETECTOR WITH ACCELEROMETER TECHNOLOGY

10 YEARS warranty

Technical Features	
	SS14
POWER SUPPLY	13.8 Vdc
CONSUMPTION	23 mA
ALARM TIME	2''
COVER TAMPER	YES
RFI PROTECTION	30 V/m
DIGITAL ANALYSIS	YES
HOUSING	ABS
OPERATING TEMPERATURE	from -10°C to +40°C
DIMENSIONS	37 x 78 x 21 mm

SS14 is a vibration/inertial detector designed for the protection of windows, cabinets, fixtures, and so on. It has a high-precision vibration sensor, which allows to determine the type of shock and/or vibration caused by an attempt to break through or forcing a frame. It is not necessary to use pulse analysis boards since everything is processed within the sensor itself. It is equipped with 2 channels, contact REED and INERTIAL / FLIP.
Available colours: white, dark brown

DT**16** - IF**16**/L - IF**16**/T

DT**16**

EN 50131-2-4 / GRADE 2
Dual Technology

DT16 is a dual technology detector, infrared and microwave at 10 Ghz suitable for creating a type of protection "curtain" for doors and windows. It is equipped with back and panel tamper protection as well as a signalling LED with its disabling jumper. It has alarm direction recognition.
Available colours: white, dark brown

IF**16**/T

EN 50131-2-2 / GRADE 2
Passive infrared

IF16/T is an infrared detector, able to create a protective "curtain" barrier for doors and windows. It has an adjustable range between 3 mt and 5 mt and has delay system activation.
Available colours: white, dark brown

IF**16**/L

EN 50131-2-2 / GRADE 2
Passive infrared, with high power LED

IF16/L is an infrared detector, able to create a protective "curtain" barrier for doors and windows. It has an adjustable range between 3 mt and 5 mt and has some special features which make it very interesting as:
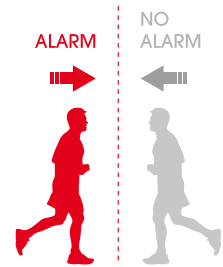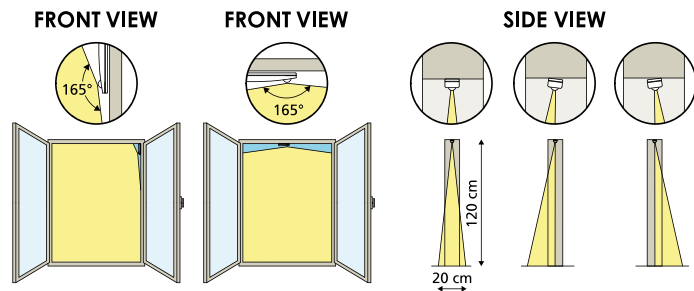• led high light output for lighting function and/or alarm
• alarm direction recognition
• buzzer with different sounds depending on the direction of the movement
• delay system activation
Available colours: white

ALARM DIRECTION
Buzzer with different sounds depending on the direction of the movement (IF16/L)

ALARM   NO ALARM

FRONT VIEW   **FRONT VIEW**   **SIDE VIEW**
165°   165°   120 cm
                                 20 cm

Technical Features	DT**16**	IF**16**/L	IF**16**/T
EN 50131-2-4 / GRADE 2	YES	-	-
EN 50131-2-2 / GRADE 2	-	YES	YES
RANGE	from 3 to 5 mt	from 3 to 5 mt	from 3 to 5 mt
ANGLE	165°	165°	165°
CURTAIN LENS ORIENTATION	YES	YES	YES
ALARM TIME	4''	4''	4''
PROGRAMMABLE ALARM DELAY	-	YES	YES
HIGH POWER LED FOR LIGHTING AND/OR ALARM	-	YES	-
WALK TEST'S LED	YES	YES	YES
DOUBLE SOUND BUZZER (ENTRANCE/EXIT)	-	YES	-
COVER TAMPER	YES	YES	YES
RFI PROTECTION	30 V/m	30 V/m	30 V/m
TEMPERATURE COMPENSATION	YES	YES	YES
POWER SUPPLY	10 - 15 Vdc	10 - 15 Vdc	10 - 15 Vdc
CONSUMPTION IN STAND BY	18 mA	12 mA	12 mA
HOUSING	ABS	ABS	ABS
OPERATING TEMPERATURE	from -25°C to +55°C		
DIMENSIONS	37 x 130 x 37 mm		

BLADE

EN 50131-4 / GRADE 2

Knockout   Battery box
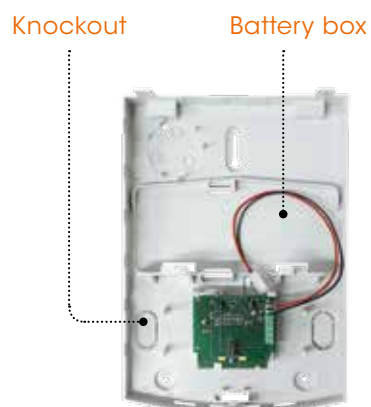
Blade is a self powered siren, elegant and cool design, suitable for all installations need. This product is entirely made of polycarbonate. All models are equipped with panel and back tamper switches; the sound power is given by piezoelectric buzzer.

Available Case colours: white

Available Flash colours: blue

Dimensions: W 210, H 295, D 70 mm

Technical Features		
	BLADE **01**	BLADE **01** / S
EN 50131-4 / GRADE 2	YES	-
SOUND POWER	100 dB at 1mt 85 dB at 3mt	100 dB at 1mt 85 dB at 3mt
WATCHDOG'S LED	YES	YES
SYSTEM STATUS VISUALIZATION	-	YES
ALARM'S MEMORY	-	YES
SEPARATED TRIGGERS	-	YES
WORKING WITHOUT BATTERY	-	YES
COVER TAMPER	YES	YES
BACK TAMPER	YES	YES
POWER SUPPLY	13.8 Vdc	13.8 Vdc

SRSeries

EN 50131-4 / GRADE 2

Battery box
2 Ah

Antifoam
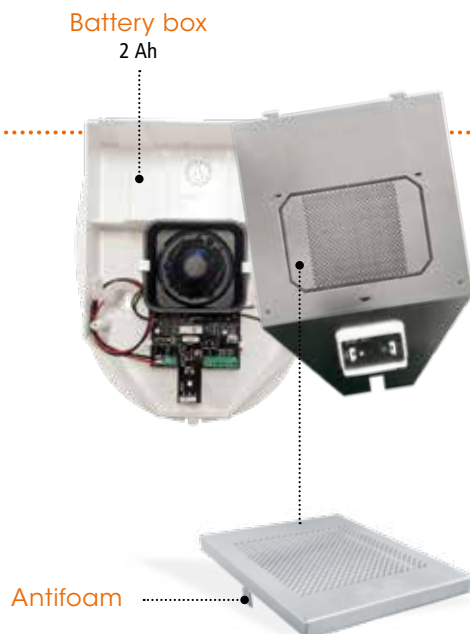
SR Series sirens are available in 2 different versions: SR136 and SR135 FIRE / 24 V. Outdoor sirens are auto-supplied, with 2Ah battery's housing. All models are equipped with panel and back tamper switches.

Available Case Colour: white

Available Flash Colour: blue

Dimensions: W 220, H 280, D 100 mm

Technical Features	
	SR136
EN 50131 - 4 / GRADE 2	YES
IMQ APPROVAL	YES
SOUND POWER	100 dB at 1 mt / 85 dB at 3 mt
LED LAMP	YES
WATCHDOG'S LED	YES
SYSTEM STATUS VISUALIZATION	YES
SYSTEM STATUS SOUND SIGNALLING	YES
ALARM'S MEMORY	YES
SEPARATED TRIGGERS	YES
SOUND TYPE MODIFICATION	YES
COVER TAMPER	YES
BACK TAMPER	YES
ANTIFOAM PROTECTION	optional
POWER SUPPLY	13.8 Vdc

Iside

EN 50131-4 / GRADE 2

Iside is an auto supplied siren with an innovative design, suitable for all installations need. The Elliptical Shape allows to fix it in any position, vertical or horizontal, without the need to modify the functionality and the shape. The flat surface permits a simple and visible siren customization. This product is entirely made of polycarbonate. All versions are equipped with panel and back tamper switches; the sound power utilises a piezoelectric technology, ensuring a low consumption level during triggering period.

Available Case colours: white

Available Flash colours: blue

Dimensions: W 320, H 220, D 55 mm

Technical Features		
	ISIDE **130**	ISIDE **140**
EN 50131 - 4 / GRADE 2	-	YES
SOUND POWER	100dB at 1mt / 85dB at 3mt	100dB at 1mt / 85dB at 3mt
BATTERY CHECK	-	YES
LAMP CHECK	-	YES
WATCHDOG'S LED	YES	YES
SYSTEM STATUS VISUALIZATION	-	YES
SYSTEM STATUS SOUND SIGNALLING	-	YES
ALARM'S MEMORY	-	YES
SEPARATED TRIGGERS	-	YES
COVER TAMPER	YES	YES
BACK TAMPER	YES	YES
POWER SUPPLY	13.8 Vdc	13.8 Vdc

PZ2

PZ2 is a indoor, bitonal, piezoelectric siren, suitable for all installations need. This product is entirely made of ABS. It's equipped with panel and back tamper switches.

Available Case colour: white
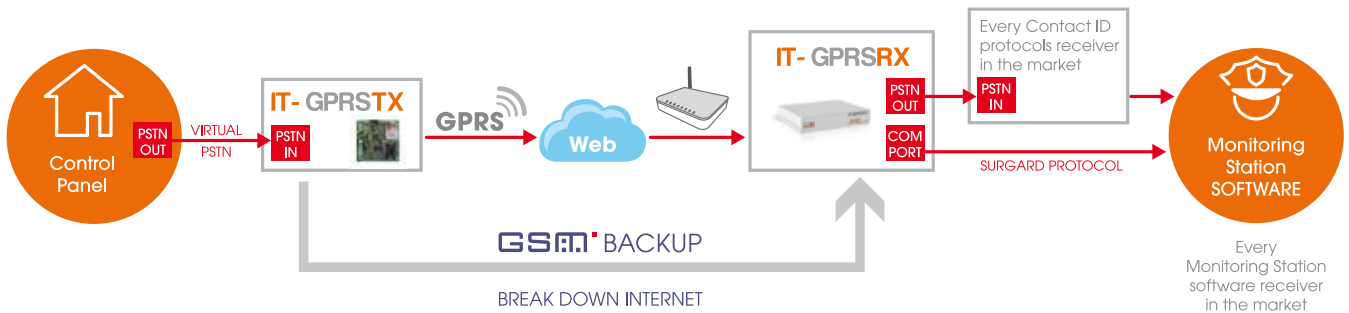
Dimensions: W 135, H 95, D 45 mm

Technical Features	
	PZ**2**
SOUND POWER	108 dB at 1mt
COVER TAMPER	YES
BACK TAMPER	YES
POWER SUPPLY	12 Vdc

FOR CONTACT ID PROTOCOLS

IT-GPRS

IT-GPRSTX

UNIVERSAL GPRS TRANSMITTER FOR CONTACT ID PROTOCOLS

Universal GPRS transmitter for Contact ID protocols
- PC software for setup transmission parameters
- PSTN line in emulation
- backup GSM in case of break down internet line
- 2 IP addresses
- 1 output open collector (for communication error)

IT-GPRSRX

INTERNET RECEIVER FOR CONTACT ID PROTOCOLS

Internet receiver for Contact ID protocols
- PC software for setup for internal parameters
- 1 COM port with surgard protocol
  (to use with every monitoring station software receiver)
- PSTN line out emulation
  (to use with every monitoring station receiver)
- backup GSM in case of break down internet line
- 2 IP addresses
- synoptic LED panel for work info
- internal backup battery

Voxout

EN 50136 -1-1 / GRADE 2 / ATS 2

Voxout 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, SMS, digital protocols CONTACT ID.

Technical Features	
	VOXOUT
EN 50136-1-1 / GRADE 2 / ATS 2	YES
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

- 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
- ID CONTACT transmission

Close

Open

Action

Irrigates

Light
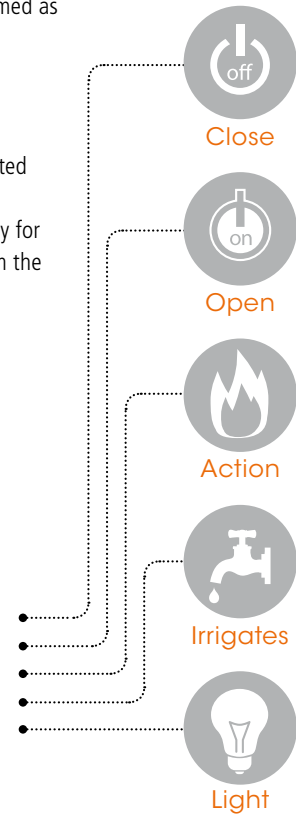
FlexSeries

BARRIERS FOR DOORS AND WINDOWS

The active infrared barrier Flex is designed to protect doors and windows. It consists of two elements, transmitter and receiver, which will be installed facing each other. The main feature is the modify position of the optical beam inside of aluminum bar.

- Transmitter and receiver controlled by two microprocessors
- Transmission 5-bit codes each 20-50 ms to avoid masking with fake transmitters
- Optical synchronization
- Control of oblique rays to avoid false alarms due to insects or small objects placed between transmitter and receiver
- Creep zone selectable and adjustable
- Panel tamper and back tamper selectable
- Alarm output by means of solid state relay
- LED indication of the reception quality and buzzer verify alignment
- All settings are selectable using dip-switches
- Single optics element height adjustable

Available colours: white, dark brown

Technical Features				
	FLEX **500**	FLEX **1000**	FLEX **1500**	FLEX **2000**
BEAMS NUMBER	2	4	6	8
CURRENT MAX	from 47 to 68 mA	from 47 to 68 mA	from 47 to 68 mA	from 47 to 68 mA
LENGTH	505 mm	1005 mm	1505 mm	2005 mm
DIMENSIONS	19 x 30 mm	19 x 30 mm	19 x 30 mm	19 x 30 mm
OUTDOOR RANGE	10 mt	10 mt	10 mt	10 mt
INDOOR RANGE	20 mt	20 mt	20 mt	20 mt
ENVIRONMENTAL CERTIFICATE	from -5°C to +55°C	from -5°C to +55°C	from -5°C to +55°C	from -5°C to +55°C
OPERATING ENVIRONMENTAL CONDITIONS	from -30°C to +55°C	from -30°C to +55°C	from -30°C to +55°C	from -30°C to +55°C
CREEP ZONE	YES	YES	YES	YES
COVER TAMPER	YES	YES	YES	YES
BACK TAMPER	YES	YES	YES	YES
IP GRADE	IP 55	IP 55	IP 55	IP 55
POWER SUPPLY	11-14 Vdc	11-14 Vdc	11-14 Vdc	11-14 Vdc

LSC Security Supplies

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