2020

PRODUCTS CATALOGUE

AVS electronics
RIELLO ELETTRONICA

ITALIAN SECURITY MANUFACTURER

HEADQUARTER

INTERNATIONAL GROUP

HELP DESK
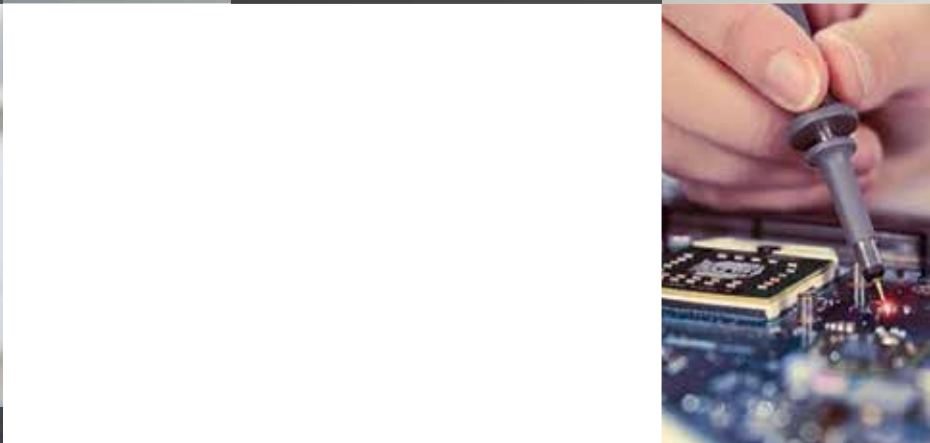
TRAINING

QUALITY

RIELLO GROUP. Since 2003 AVS ELECTRONICS takes part of RIELLO ELETTRONICA Group. Continuing growth and successful figures: this is Riello Elettronica, expression of its entrepreneurial tradition aimed at innovation, global challenges and the development of 'Made in Italy' technology in International markets. A group of global dimensions, based in Legnago (VR), with a strong and continuous growth.

AVS electronics
ITALIAN SECURITY MANUFACTURER

Since more than 45 years, a leader in the electronic security market!

Since 1974, AVS ELECTRONICS is a leader in the electronic security market. We design ideas, we develop and manufacture electronic security products and solutions, in our headquarter in Italy. We offer a complete range of products, wire & wireless, technologically advanced, unique, reliable ang guaranteed over time, to create well-being and safety in everyday life. Innovative, technological solutions, designed to be eco-sustainable.

AN INTERNATIONAL GROUP

Technology and innovation have always been the values of AVS Electronics and Riello Elettronica, who have successfully established in the Italian and International markets, remaining faithful to its roots, expression of an entrepreneurial tradition anchored in its territory.

PRODUCTION "MADE IN ITALY"

In our quality lab, each electronic card is tested and tested to make the product reliable and guaranteed over time, able to comply with all the most important CERTIFICATIONs.

TECHNICAL ASSISTANCE

We are always by your side: from the design to the product selection, installation and after-sales. A qualified Help Desk, constantly updated, offers telephone technical assistance every day, to satisfy any customer request.

TRAINING

We have always promoted training as a key element for the professional growth of our installers to satisfy the needs of the end user: we organize technical meetings and training courses at the AVS Headquarters and at our customers on AVS products and systems.

QUALITY & ENVIRONMENT

We are ISO 9001: 2015 certified for the Company Management System and OHSAS 18001 for the Worker Safety Management System. We guarantee the quality of the production process, thanks to the application of precise operating procedures and the implementation of strict quality controls at all levels.

RESEARCH & DEVELOPMENT

In our research & development department, every day, new ideas born and thanks to an internal team of Engineers, we are able to offer technological, safe and intuitive solutions for installers.

TECHNOLOGICAL INNOVATION

Technological innovation is the basis of our corporate mission: to study and design intrusion detection systems with original design, cutting-edge solutions and technological reliability, able to be appreciated on the European security market thanks to the ability to innovate and anticipate market needs of installers and end users.

MY AVS ALARM

MY AVS ALARM is the App developed for the end-user, connected to the AVS Cloud, to control easily and intuitively your control panel, from everywhere and at any time you desire.

Download on the App Store

DOWNLOAD FOR ANDROID

Raptor: the bidirectional wireless system, complete, flexible and easy to install.

Raptor is the modular and flexible range of bidirectional wireless control panels, suitable to any installations, from small to medium plants. Designed to be a simple and highly performing control panel, Raptor, thanks to an easy and simple programming, is Plug & Play: you have only to acquire the detectors, the remote controls and install the SIM Card and Raptor is ready to use.
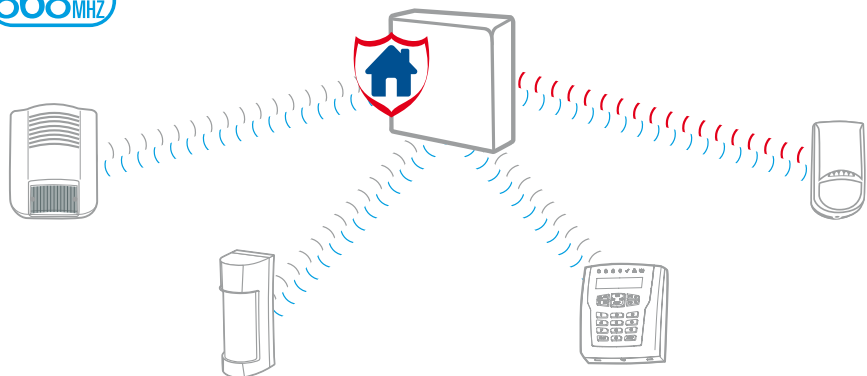
Raptor, certified IMQ, completely designed and produced in Italy, has an elegant design and guarantees, in any moment, a sure protection of your home and your business, thanks to the wide range of wireless indoor and outdoor devices available. With the already integrated GSM communication module or IP (optional), Raptor allows the end-user total remote management with the MyAVSAlarm App. A vocal guide **ASSC** (Advanced Speech Synthesis Communication) allows also to send precise alarm, fault or system status messages.

BIDIRECTIONAL WIRELESS CONTROL PANEL - POWER SUPPLY 220 VAC

Code	Item - Features

1190113 KIT RAPTOR RK BASIC

Bi-directional wireless Kit - Raptor RK control panel + CARD PREMIUM 1 YEAR

Kit based on:
- n°1 control panel RAPTOR RK
- n°1 remote control BIP4 PLUS
- n°1 detector PIR JET PAWS 4 -
  n°1 wireless magnetic contact WIC4
+ CARD PREMIUM 1 YEAR

1190116 KIT RAPTOR R BASIC

Bi-directional wireless Kit - Raptor R control panel + CARD PREMIUM 1 YEAR

Kit based on:
- n°1 control panel RAPTOR R
- n°1 remote control BIP4 PLUS
- n°1 detector PIR JET PAWS 4
- n°1 wireless magnetic contact WIC4
+ CARD PREMIUM 1 YEAR

BIDIRECTIONAL WIRELESS CONTROL PANELS - 4G TECHNOLOGY

1190141 KIT RAPTOR RK 4G BASIC

Bi-directional wireless Kit - Raptor RK 4G control panel on network LTE/4G + CARD PREMIUM 1 YEAR

Same KIT RAPTOR RK BASIC features on network 2G/3G/LTE/4G. Kit based on:
- n°1 control panel RAPTOR RK 4G
- n°1 remote control BIP4 PLUS
- n°1 detector PIR JET PAWS 4 -
- n°1 wireless magnetic contact WIC4
+ CARD PREMIUM 1 YEAR
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

1190144 KIT RAPTOR R 4G BASIC

Bi-directional wireless Kit - Raptor R 4G control panel on network LTE/4G + CARD PREMIUM 1 YEAR

Same KIT RAPTOR R BASIC features on network 2G/3G/LTE/4G. Kit based on:
- n°1 control panel RAPTOR R 4G
- n°1 remote control BIP4 PLUS
- n°1 detector PIR JET PAWS 4
- n°1 wireless magnetic contact WIC4
+ CARD PREMIUM 1 YEAR
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

Code	Item - Features

1102106   **RAPTOR RT**

Wireless control panel - 125 zones – Embedded Touchscreen keypad 220 Ac powered + CARD PREMIUM 1 YEAR

Bidirectional wireless system GFSK FM 868 MHz with: Automatic change of the frequency (AFC) - Automatic Power reduction (ALP)- Dynamic power transmission (DPT)- Remote digital setting (RDS) - Remote operation confirmation on remote control or remote status system request. Wireless zones : up to 125 – 2 Input NC, NO, balanced 1R/2R, switch alarm, inertial, up to 10 serial expansion modules - Zone mapping – Zone Expansion on RS485 Bus - Areas/sectors: 8 with 4 arming mode each + 64 scenarios - Integrated indoor siren - Wireless sirens: up to 2 sirens WS 4 – Serial sirens connectable on RS 485 bus: up to 8 sirens HP - Output: 1 free exchange relay , 2 open collector on panel terminal block, 10 with serial expansion - Touch screen integrated keypad – Wireless keypads connectable: up to 8 - Wired keypads: up to 7 of series ICE, A500 – Proximity readers: Integrated on the control panel, up to 7 keypads – Codes & keys : 125 user codes, 125 emergency codes, 125 remote controls, 125 Tags/Badge – System configuration: by keypad or with XWIN software – USB pPort for system configuration and system upgrading – In Cloud with APP MY AVS MANAGER - Serial Bus RS485: n°1 bus RS485 supervised – Embedded GSM/GPRS Communicator: send and receive SMS, digital protocols , vocal messages to max 16 numbers, APP connection Via GPRS - GSM/GPRS communicator on RS485 serial bus : XGSM485/PRO – Optional phone communicator: optional - ETHERNET TCP-IP board, WEB SERVER and App MYAVSALARM: optional EWEB PLUS B, EWEB Wi-Fi B – Vocal synthesis and audio output: embedded with more than 300 customizable words and guided HELP that drives you to listen the vocal messages and guided HELP on control panel and on the keypads ICE, A500 PLUS – Integrated time programmer with 16 daily with bank holidays management – Event buffer memory: 250 events – power supply: Switching 14.5 Vdc 1 A Battery 12 Vdc 2.3 Ah - Dimensions: ABS case – 247 x 232 x 55 mm (LxhxP)

1102110   **RAPTOR RK**

Wireless control panel - 125 zones – Embedded silicon keys keypad 220 Ac powered + CARD PREMIUM 1 YEAR

Same RAPTOR RT features, but with embedded silicon keys keypad

1102113   **RAPTOR R**

Wireless control panel - 125 zones 220 Ac powered + CARD PREMIUM 1 YEAR

Same RAPTOR RT features but without keypad

RAPTOR RT

RAPTOR RK

RAPTOR R

1102108   **RAPTOR RK LC**

Wireless control panel - 125 zones – Embedded silicon keys keypad battery powered + CARD PREMIUM 1 YEAR

Bidirectional wireless system GFSK FM 868 MHz with: - Automatic change of the frequency (AFC) - Automatic power reduction (ALP) - Dynamic power transmission (DPT) - Remote digital setting (RDS)- Remote operation confirmation on remote control or remote status system request. Wireless zones: up to 125 - Zone mapping - Wireless sirens: up to 2 sirens WS 4 – Wireless keypads connectable: up to 8 – Proximity readers: integrated on the control panel, up to 7 keypads – Codes & keys: 125 user codes, 125 emergency codes, system configuration: by keypad or with XWIN software – USB port for system configuration and system upgrading – in Cloud with APP MY AVS MANAGER - Embedded GSM/GPRS communicator: send and receive SMS, digital protocols, vocal messages to max 16 numbers, optional phone communicator PSTN – Vocal synthesis and audio output: embedded with more than 300 customizable words and guided HELP that drives you to listen the vocal messages and guided HELP on control panel – Integrated time programmer with 16 daily with bank holidays management – Event buffer memory: 250 events – powered by alkaline batteries – 6X1,5 D LR20 - Dimensions: ABS case – 247 x 232 x 55 mm (LxhxP)

1102107   **RAPTOR R LC**

Wireless control panel - 125 zones – Battery powered + CARD PREMIUM 1 YEAR

Same as RAPTOR RK LC without keypad

RAPTOR RK LC

RAPTOR R LC

BIDIRECTIONAL WIRELESS PRODUCTS

WIRELESS CONTROL PANELS - 220 VAC POWERED, ON NETWORK LTE/4G

Code	Item - Features

1102131   **RAPTOR RT 4G**

Wireless control panel - 125 zones – Embedded Touchscreen 5" keypad 220 Ac powered on network LTE/4G + CARD PREMIUM 1 YEAR

Same RAPTOR RT features on network 2G/3G/LTE/4G.
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

RAPTOR RT 4G

1102128   **RAPTOR RK 4G**

Wireless control panel - 125 zones – Embedded silicon keys keypad 220 Ac powered on network LTE/4G + CARD PREMIUM 1 YEAR

Same RAPTOR RK features on network 2G/3G/LTE/4G.
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

RAPTOR RK 4G

1102132   **RAPTOR R 4G**

Wireless control panel - 125 zones 220 Ac powered on network LTE/4G + CARD PREMIUM 1 YEAR

Same RAPTOR R features on network 2G/3G/LTE/4G.
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

RAPTOR R 4G

WIRELESS CONTROL PANELS - BATTERY POWERED, ON NETWORK LTE/4G

1102124   **RAPTOR RK LC 4G**

Wireless control panel - 125 zones – Embedded silicon keys keypad battery powered on network LTE/4G + CARD PREMIUM 1 YEAR

Same RAPTOR RK LC features on network 2G/3G/LTE/4G.
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

RAPTOR RK LC 4G

1102130   **RAPTOR R LC 4G**

Wireless control panel - 125 zones – Battery powered on network LTE/4G + CARD PREMIUM 1 YEAR

Same RAPTOR R LC features on network 2G/3G/LTE/4G.
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

RAPTOR R LC 4G

BIDIRECTIONAL WIRELESS PRODUCTS

Code	Item - Features

1190180   RAPTOR 4G SYSTEM DEMONSTRATION

RAPTOR 4G demo case

Shockproof high resistance PVC suitcase, guaranteed to protect and transport delicate equipment - black color - easy opening - shock resistant - safety catches - soft grip - Dimensions: 464 x 366 x H 176 mm - Weight: 5,5 Kg. - **Protection IP: 65**

1102128	RAPTOR RK 4G	Control panel 125 zones with remote management
1112122	BIP 4 PLUS	Bidirectional 8-channel remote control - white housing
1131134	JET PA WS 4	Bidirectional wireless passive infrared detector with antimasking
1131131	WIC4	Bidirectional wireless two-channels transmitter with magnetic contact - white housing
1132144	ONE PA WS 4	Bidirectional wireless outdoor curtain detector
1112108	CLIP	Remote control support

BIDIRECTIONAL WIRELESS PRODUCTS

REMOTE CONTROLS AND PROXIMITY KEYS

BIP Plus

BIP 4
BIP 4 PLUS

BIP 4 C
BIP 4 PLUS C

Code	Item - Features
1112122	**BIP 4 PLUS**
	Bidirectional 8-channels remote control - ivory housing
1112123	**BIP 4 PLUS C**
	Bidirectional 8-channels remote control - carbon look

8-channels transmitter - 5 activation keys - TX functions: controls for arming/disarming, activation of outputs - RX functions: multi-colored system ON/OFF status LED - System ON/OFF buzzer FM 868 MHz - Multi frequency - Bidirectional - Range: up to 200 m. in open space - Power supply: 1 x 3V Lithium battery - Type 2032 - Color: Ivory - Dimensions (LxH): 85 x 35 mm - Compatibility: RAPTOR CONTROL PANEL
CERTIFICATION: IMQ-INCERT EN50131 Grade 2

1112124	**BIP 4**
	8-channels remote control - ivory housing
1112125	**BIP 4 C**
	8-channels remote control - carbon look

8-channels transmitter - 5 Activation keys - Frequency: FM 868 MHz - Multi frequency – Unidirectional - Range: up to 200 m. in open space - Functions: arming/disarming/ activation of outputs /anti-theft - Power supply: 1 x 3V lithium battery - Type 2032 - Color: Ivory - Dimensions (LxH): 85 x 35 mm - Compatibility: RAPTOR CONTROL PANEL - **CERTIFICATION: IMQ-INCERT EN50131 Grade 2**

1112108	**CLIP**
	BIP 4 remote control support

BIP4 remote controls support for wall mounting - Colour: Ivory

1150140	**TOY L**
	Red NFC key ring proximity tag
1150144	**TOY LN**
	Black NFC key ring proximity tag

Technology: NFC - Material: metal and leather - Compatibility: ICE, A500 Plus, A600 EVO Plus, A500 PLUS WS4 keypads, RAPTOR
CERTIFICATION: IMQ-INCERT EN50131 Grade 2

BIDIRECTIONAL WIRELESS KEYPAD WITH INTEGRATED REPEATER

A500 WS4
A500 PLUS WS4

A500 WS4 C
A500 PLUS WS4 C

1113100	**A500 WS4**
	Bi-directional LCD wireless keypad, white colour
1113101	**A500 WS 4 C**
	Bi-directional LCD wireless keypad, carbon look

Wireless bi-directional FM 868 MHz - 32 characters LCD display + 7 LEDs system status signal - repeater function up to 125 devices (only if powered from the mains) - dual power supply with ZB022 lithium battery and/or 13.8 Vdc with external power supply - n ° 2 in/out terminals - Cover: white colour - Dimensions (LxHxP): 110 x 130 x 34 mm - Compatibility: RAPTOR - **CERTIFICATION: IMQ-INCERT EN50131 Grade 2**

1113104	**A500 PLUS WS4**
	Bi-directional LCD wireless keypad, with advanced functions, white colour
1113105	**A500 PLUS WS 4 C**
	Bi-directional LCD wireless keypad, with advanced functions, carbon look

Wireless bi-directional   FM 868 MHz - 32 characters LCD display + 7 system status LEDs - integrated speech synthesis - integrated speaker - integrated microphone - NFC key reader - signal repeater function for up to 125 devices (only if powered from the mains) - double power supply with lithium battery ZB022 and/or 13.8 Vdc with external power supply - USB port for programming and firmware update - n° 2 terminals in/out - Cover: white colour - Dimensions (LxHxP): 110 x 130 x 34 mm - Compatibility: control panel RAPTOR
CERTIFICATION: IMQ-INCERT EN50131 Grade 2

Code	Item - Features

1106110   PW M

Power supply for the wireless bi-directional keypad

Power supply for installation in junction box 503 - Output voltage 12 Vdc 1 A - Dimensions: 50 x 50 x 25 mm
Protection class: IP 67 - CERTIFICATION: IMQ-INCERT EN50131 Grade 2

PW M

1105133   EWEB PLUS B

Optional board LAN/Ethernet and Web Server

The interface of communication EWEB PLUS B allows the LAN connection with the control panels RAPTOR. The embedded Web Server allows to manage Raptor through a common Internet Browser, offering many features:
- Real time status verification on a graphic map
- On-off system, on-off output
- Memory event control, diagnostics and zone exclusion
- Email sending for alarm, on-off, fail
- Mobile App management "MY AVS ALARM"
- Simultaneous connection up to 4 users
- Digital protocols via TCP-IP with data encryption AES128 bit
- Management of the protocols VS-XLINK for other systems integration.
INSTALLER FUNCTIONS
- Programming and firmware updating/upgrading of RAPTOR control panels through XWIN, using a LAN/WLAN connection or remote in ADSL or with the mobile APP MYAVSMANAGER, through the Cloud.
- Dynamic DNS Management - LAN Port: RJ45, 10/100 Mbit/s - Compatibility: RAPTOR software XWIN and ELM

CERTIFICATION: IMQ-INCERT EN50131 Grade 2

1105134   EWEB WIFI II B

WiFi and Web Server network board

The interface of communication EWEB WIFI II B allows the Wi-Fi connection with the control panels RAPTOR. Same features and functionalities of the model EWEB PLUS B - Compatibility Wi-Fi: 2,4 GHz 801.11 g/n

1105137   EWEB PLUS B VIDEO

Optional board LAN/Ethernet with VIDEO

Same features and functionalities of the model EWEB PLUS B with the following added functions:
- Management of 8 videocamera ONVIF S®
- Sending video event completed of pre-event/event/post-event
- Management of events: Alarm - User code - Emergency code - False code - Arming/disarming - Panic/Medical/Fire message
- Auto configuration Wi-Fi network board by Cloud
Functions available with APP MYAVSALARM (PREMIUM):
- Sending Push Notification completed with preview video
- Saving video in Cloud
- Possibility to send video by email
NOTE: ®The trademarks mentioned belong to their respective owners

1105139   EWEB WIFI II B VIDEO

Wi-Fi network board with VIDEO

The interface of communication EWEB WIFI II B VIDEO allows the Wi-Fi connection with the control panels RAPTOR. Same features and functionalities of the model EWEB PLUS B VIDEO - Compatibility Wi-Fi: 2,4 GHz 801.11 g/n

PSTN COMMUNICATION MODULE

Code	Item - Features

1170125   **PSTN B**

PSTN communicator for RAPTOR control panel

Communication protocols: Fast, Contact ID, SIA, HAIES - Remote telephone control: Yes - Connection: PLUG-IN on the control panel board - Consumption: 58mA - Dimensions (L xHxP): 60 x 120 x 25 mm - Compatibility: RAPTOR

ZONES AND OUTPUTS EXTENSION MODULE

1120125   **C8**

Zones and outputs extension module

Zones: 8 configurable as: NC, NO, 1 Resistor, 2 Resistors, switch alarms, inertial detectors - any input can be switched as an output - Bus connection: RS485 - Supply voltage:13.8 Vdc 38 mA - Dimensions (LxH): 80x55 mm - Compatible with : CAPTURE 8 /16 / 32/64/128 - RAPTOR
CERTIFICATION: IMQ-INCERT EN50131 Grade 2

DETECTORS, TRANSMITTERS, CONTACTS

1131134   **JET PA WS 4**

Bidirectional wireless passive infrared detector with antimasking

Application: indoor - range: 15 m - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics – PET IMMUNE- IR active AM , with distance and programmable detection – Accelerometer for tamper and disorientation - Frequency: FM 868 MHz , multi frequency – bi-directional - Radio coverage: up to 200 m in open field - Data sent: alarm, sabotage, battery level, self- test – detector model – battery voltage – working temperature – Easy programming: self- learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER- Powered by: 1 Lithium battery 3,6V - 2,2 Ah - Battery life: 2 years with energy saving function activated - Dimensions (LxHxD): 65 x 120 x 39 mm - included accelerometer to recognize the wall removal - Compatibility: RAPTOR control panel, XSATWS4
CERTIFICATION: IMQ-INCERT EN50131 Grade 2

1131133   **JET DT WS 4**

Bidirectional wireless double technology detector with antimasking

Application: indoor - range: 15 m - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics – PET IMMUNE - Flat strep line 10.525 GHz with distance and programmable detection – Accelerometer for tamper and disorientation - Frequency: FM 868 MHz , multi frequency – bi-directional - Radio coverage: up to 200 m in open field - Data sent: alarm, sabotage, battery level, self-test – detector model – battery voltage – working temperature - easy programming : self- learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Powered by: 1 Lithium battery 3,6V - 2,2 Ah Battery life: 2 years with energy saving function activated - Dimensions (LxHxD): 65 x 120 x 39 mm - included accelerometer to recognize the wall removal - Compatibility: RAPTOR Control panel, XSATWS4
CERTIFICATION: IMQ-INCERT EN50131 Grade 2

1131138   **JET 360 WS 4**

Bidirectional wireless 360° ceiling infrared detector

IR with Fresnel lens - IR range: 8-12 meters on 360° - Installation height: from 2,4 to 3,6 m - Frequency: FM 868 MHz - multi frequency - bidirectional - range: up to 200 Mt in open air - Communications: alarm, tamper, battery level, self- test detector model - battery voltage - working temperature easy programming: self-learning on CP - Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Supplying with 1 lithium battery 3 V Type CR123 - Autonomy: 2 years with the activation of the consumption reduction function - Dim: Ø 120 mm - H 40 mm - Compatibility: RAPTOR control panel, XSATWS4

PET IMMUNITY

BIDIRECTIONAL WIRELESS PRODUCTS

WATER PROOF

MAGNET RESISTANT

WIC 4 MINI

WIC 4 MINI B

WIC 4 MINI N

Code	Item - Features

1131142   WIC 4 MINI

Bidirectional wireless two-channels transmitter with double magnetic contact - white housing

Frequency: FM 868 MHz - multi frequency – bi-directional - Radio coverage: up to 200 m in open field - Data sent: alarm/status, sabotage, battery level, self- test - detector model – battery voltage – working temperature – Easy programming : self- learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER- Inputs: 2 independent for NC, inertial, contacts, digital analysis - Powered by Lithium battery 3,0 Vdc CR2032 type - Battery life: 2 years with Energy saving function activated - white color - Integrated gasket - Dimensions (LxHxD): 26 x 56 x 9 mm - Compatibility: RAPTOR Control panel, XSATWS4
Protection class: IP 65 - CERTIFICATION: IMQ-INCERT EN50131 Grade 2

1131143   WIC 4 MINI B

Bidirectional wireless two-channels transmitter with double magnetic contact - brown housing

Same as WIC 4 MINI - brown plastic housing

1131150   WIC 4 MINI N

Bidirectional wireless two-channels transmitter with double magnetic contact - black housing

Same as WIC 4 MINI - black plastic housing

1131144   WIC 4 MINI PLUS

Bidirectional wireless two-channels transmitter with double magnetic contact and shock sensor - white housing

Frequency: FM 868 MHz - multi frequency – bi-directional - Radio coverage: up to 200 m in open field - Data sent: alarm/status, sabotage, battery level, self-test detector model – battery voltage – working temperature – Easy programming : self-learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Inputs:2 independent for NC, inertial, contacts, digital analysis – 90° double reed - Anti-sabotage by magnet - SHOCK SENSOR integrated with accelerometer - Powered by Lithium battery 3,0 Vdc CR2032 type - Battery life: 2 years with energy saving function activated – white color - Integrated gasket - Dimensions (LxHxD): 26 x 56 x 9 mm - Compatibility: RAPTOR Control panel, XSATWS4
Protection class: IP 65 - CERTIFICATION: IMQ-INCERT EN50131 Grade 2

1131145   WIC 4 MINI PLUS B

Bidirectional wireless two-channels transmitter with double magnetic contact and shock sensor - brown housing

Same as WIC 4 MINI PLUS - brown plastic housing

1131151   WIC 4 MINI PLUS N

Bidirectional wireless two-channels transmitter with double magnetic contact and shock sensor - black housing

Same as WIC 4 MINI PLUS - black plastic housing

1181207   KIT SPACER WHITE x WIC4 MINI

Spacer kit for contact white housing

n°1 6 mm thickness for contact - n°1 3 mm thickness for contact - n°1 6 mm thickness for magnet - n°1 3 mm thickness for magnet - n°1 90°support for magnet

1181208   KIT SPACER BROWN x WIC4 MINI

Spacer kit for contact brown housing

Same as KIT SPACER WHITE - brown color

1181209   KIT SPACER BLACK x WIC4 MINI

Spacer kit for contact black housing

Same as KIT SPACER WHITE - black color

SPESSORI WIC MINI BIANCO

BIDIRECTIONAL WIRELESS PRODUCTS

DETECTORS, TRANSMITTERS, CONTACTS

Code	Item - Features

1131131 WIC4

Bidirectional wireless two-channels transmitter with magnetic contact - white housing

Frequency: FM 868 MHz - multi frequency – bi-directional - Radio coverage: up to 200 m in open field - Data sent: alarm/status, sabotage, battery level, self- test - detector model – battery voltage – working temperature – Easy programming : self- learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER- Input: independent for NC, inertial, contacts, digital analysis - Powered by: 1 Lithium battery 3,0 Vdc 1,1 A CR123 type - Battery life: 2 years with Energy saving function activated - Dimensions (LxHxD): 35 x 110 x 31 mm - Compatibility: RAPTOR Control panel, XSATWS4 - **CERTIFICATION: IMQ-INCERT EN50131 Grade 2**

1131132 WIC4 B

Bidirectional wireless two-channels transmitter with magnetic contact - brown housing

Same as WIC4 with brown plastic housing

1131129 WIC4 PLUS

Bidirectional wireless two-channels transmitter with magnetic contact and shock sensor - white housing

Frequency: FM 868 MHz - multi frequency – bi-directional - Radio coverage: up to 200 m in open field - Data sent: alarm/status, sabotage, battery level, self-test detector model – battery voltage – working temperature – Easy programming : self-learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Input: independent for NC, inertial, contacts, digital analysis - SHOCK SENSOR integrated with accelerometer - Powered by 1 Lithium battery 3,0 Vdc 1,1 A CR123 type - Battery life: 2 years with energy saving function activated - Dimensions (LxHxD): 35 x 110 x 31 mm - Compatibility: RAPTOR Control panel, XSATWS4
CERTIFICATION: IMQ-INCERT EN50131 Grade 2

1131130 WIC4 PLUS B

Bidirectional wireless two-channels transmitter with magnetic contact and shock sensor - brown housing

Same as WIC4 plus with brown plastic housing

1131141 GHOST WS 4 PLUS

Bidirectional wireless two-channels transmitter with magnetic contact - white housing

Frequency: FM 868 MHz - multi frequency – bi-directional - Radio coverage: up to 200 m in open field - Data sent: alarm/status, sabotage, battery level, self- test - detector model – battery voltage – working temperature – Easy programming : self- learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER- Input: 1 independent for NC, inertial, contacts, digital analysis - Powered by: 2 Lithium battery 3,0 Vdc CR1632 type - Battery life: 2 years with Energy saving function activated - Dimensions (LxHxD): 20.5 x 169 x 9 mm - Compatibility: RAPTOR Control panel, XSATWS4

CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

Code	Item - Features

1131135   **WING4 WS**

Bidirectional wireless curtain passive infrared detector - white housing

Application: ideal to protect windows, doors, corridors, etc - IR coverage: 4 m on 70° - Frequency: FM 868 MHz - multi frequency - bidirectional – Radio coverage: up to 200 m in open field - Data sent: alarm, sabotage, battery level, self- test - detector model – battery voltage – working temperature - Easy programming : self-learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Powered by 1 Lithium battery 3V - CRI23 - Battery life: 2 years with energy saving function activated - Dimensions (LxHxD): 35 x 110x31 mm - Compatibility: RAPTOR control panel, XSATWS4

1131136   **WING4 WS B**

Bidirectional wireless curtain passive infrared detector - brown housing

Same as WING 4 WS with brown plastic housing

1131137   **WING4 MWS**

Bidirectional wireless curtain passive infrared detector with antimasking - white housing

Same as WING4 WS, with anti-masking protection and AM adjustable detection distance

1136109   **SD4 WS**

Bidirectional wireless optical smoke detector

Sensor: optical infrared - coverage 40 m2- Frequency: FM 868 MHz - multi frequency - bi-directional - Radio range: up to 200 m. in open space - Communications: alarm - battery - self test detector model - battery voltage - working temperature - Test Function with buzzer and led activation - Easy programming: self-learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER- Power supply: 1 x 9 Vdc alkaline battery - Type 6LR61 included - Battery life: 2 years - Dimensions: (DxH) 115 x 45 mm - Compatibility: RAPTOR control panel
Homologation: VdS 0786-CPD-20394

INDOOR DETECTORS ACCESSORIES

CLI

1130142   **CLI**

Curtain lens for JET detectors

Aspherical curtain lens with coverage of 15 m - 5°

1130136   **K21**

Wall and ceiling bracket for JET detectors

Wall and ceiling anti-tear protection - Internal cableway - Compatibility: JET range

K21

BIDIRECTIONAL WIRELESS PRODUCTS

Code   Item - Features

1132144 ONE PA WS 4

Bidirectional wireless outdoor curtain detector

Passive infrared curtain sensor with Fresnel lens - Frequency: FM 868 MHz - multi frequency – bi-directional - max radio range 200 m in open space self-test- detector model – battery voltage – working temperature – Easy programming: self-learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Coverage of 8 m max with maximum opening of 1.8 m - Height of installation between 1.9 m and 2.2 m - ANTI MASKING function with ACTIVE IR – adjustable range detection - PET Immunity for PETs up to 40 cm high with optional lens filter - Anti-opening tamper device - ACCELEROMETER for anti-tear notification function - Power supply: 3.6 Vdc, 2.2 A lithium battery - Battery life: 2 years with energy saving function enabled - Dimensions (WxLxH) 44 x 40 x 123 mm - Compatibility: RAPTOR Control panel, XSATWS4
Protection class: IP 54

1132145 SPECTRUM DT WS AM 4

Bidirectional wireless outdoor triple technology detector with antimasking

Detection through double PIR and microwave 10.525 GHz - Detection range from 3 to 12 meters – Wireless transmission in 868 MHz FM - multi frequency – bi-directional - max range 200 m - Antimasking with active IR adjustable detection distance - Tamper through accelerometer - Light filter - Digital temperature compensation - Detection angle up to 100° - Orientation horizontal plane 180° - Installation height 1,2 meters with standard lens- 2,2 meters with SSL optional lens - PET Immunity up to 70 cm from the ground - Power consumption in hush 15 µA - Power consumption in alarm 34 mA - Wireless report for alarm - Wireless report for antimasking - Wireless report for tamper – Wireless report for low battery - Wireless report for survival - Data sent: detector model – battery voltage – working temperature – Easy programming : self-learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER- Walk test with Led and buzzer activation – Lithium battery 3,6 Vdc 2,2 Ah, included - Battery life: 2 years with active consumption reduction - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm - Compatibility: RAPTOR Control panel, XSATWS4
Protection class: IP 55

1132146 SPECTRUM PA WS WALL 4

Bidirectional wireless double side double PIR outdoor detector

Detection through double side (right + left) double PIR - Detection range from 3 to 12 meters per side - Wireless transmission in 868 MHz FM - Multi frequency – Bi-directional - Max radio range 200 m in open space - Light filter - Digital temperature compensation - Detection angle up to 100° - Orientation horizontal plane 180° - Installation height 1,2 meters with standard lens - 2,2 meters with SSL optional lens - PET Immunity up to 70 cm from the ground - Power consumption in hush 15 µA – Power consumption in alarm 34 mA - Wireless report for alarm - Wireless report for tamper - Wireless report for low battery - Wireless report for survival - Data sent: self-test detector model – battery voltage – working temperature – Easy programming: self-learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Walk test with Led and buzzer activation - Lithium battery 3,6 Vdc 2,2 Ah, included - Battery life: 2 years with active consumption reduction - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm - Compatibility: RAPTOR Control panel, XSATWS4
Protection class: IP 55

1132147 SPECTRUM PA WS WALL AM 4

Bidirectional wireless double side double PIR outdoor detector with antimasking

Same as SPECTRUM PA WS WALL 4, with double IR anti masking protection and AM adjustable detection distance

Code	Item - Features

1132134 SPECTRUM PA WS WALL STD

Universal wireless double side double Pir outdoor detector

Detection through double side (right + left) double PIR - Detection range from 3 to 12 meters per side - Universal compatible with all the third part WL transmitters - Tamper through accelerometer - Light filter - Power consumption in hush 15 µA - Power consumption in alarm 9 mA - Digital temperature compensation - Detection angle up to 10° - Installation height 1,2 meters - PET Immunity - Block input for alarm relay - Auxiliary input for tamper or alarm - Alarm output /nc - Tamper output c/nc - Walk test with led and buzzer activation - Lithium battery 3,6 Vdc 2,2 Ah, included - Power consumption in hush 15 µA - Power consumption in alarm 9 mA - Dimensions (D x W x H): 110 x 75,4 x 189,4 mm
Protection class: IP 55

1132137 SPECTRUM PA WS WALL STD AM

Universal wireless double side double Pir outdoor detector with antimasking

Detection through double side (right + left) double PIR - Detection range from 3 to 12 meters per side - Antimasking with active IR (left + right) - Universal compatible with all the third part WL transmitters - Tamper through Accelerometer - Light filter - Digital temperature compensation - Detection angle up to 10° - Installation height 1,2 meters with standard lens - PET Immunity - Power consumption in hush 15 µA - Power consumption in alarm 9 mA - Alarm output /nc - Tamper output c/nc - Walk test with led and buzzer activation - Lithium battery 3,6 Vdc 2,2 Ah (included) - Inside spacer for installation third part transmitters - Battery life: 2 years with active consumption reduction - Dimensions (D x W x H): 110 x 75,4 x 189,4 mm
Protection class: IP 55

SpectrumWall

1132111 OUTSPIDER PA WS UB

Wireless outdoor passive infrared detector with antimasking

Same as OUTSPIDER PA WS with: - Compatibility: UNIVERSAL (it can be connected with any kind of radio transmitter via the low consumption OCs outputs) - Power supply: 3.6 Vdc, 8.5 A lithium battery (included) - Max consumption: 30 mA in stand-by, 30 mA in alarm

1132112 OUTSPIDER PA WS U

Wireless outdoor passive infrared detector with antimasking

Same as OUTSPIDER PA WS UB - lithium battery NOT INCLUDED

WIRELESS OUTDOOR DETECTORS

OutSpider

1132148 OUTSPIDER PA WS 4

Bidirectional wireless outdoor passive infrared detector with antimasking

Dual passive infrared - Frequency: FM 868 MHz - multi frequency – bi-directional. - max range 200 m - range between 15 and 23 m, max height of installation 2.7 m - Coverage between 5° and 90° - ANTI-MASKING with ACTIVE IR function adjustable detection distance - PET Immunity for PETs up to 70 cm high - Anti-opening and anti-tear tamper device – Positive safety alarm relay - USB port for programming with HPWIN/XWIN software - LED and buzzer for walk test that can be deactivated - Camera fitting - Environmental conditions: -25 C° + 55 C° - Wireless report for alarm - Wireless report for tamper - Wireless report for low battery - Wireless report for survival - Data sent: detector model – battery voltage – working temperature – Easy programming : self-learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Power supply: 3.6 Vdc, 8.5 A lithium battery - Battery life: 2 years with energy saving function enabled - Dimensions (WxLxH): 135 x 140 x 240 mm - Compatibility: RAPTOR Control panel, XSATWS4 - **Protection class: IP 65**

1132149 OUTSPIDER DT WS 4

Bidirectional wireless outdoor dual technology detector with antimasking

Dual passive infrared + MW microwave freq. 10.525 GHz - Frequency: FM 868 MHz - multi frequency bi-directional - max range 200 m - range between 15 and 23 m - Coverage between 5° and 90° - ANTI-MASKING with active IR function adjustable detection distance – PET Immunity for PETs up to 70 cm high - Anti-opening and anti-tear tamper device - Positive safety alarm relay - USB port for programming with HPWIN/ XWIN software - LED and buzzer for walk test that can be deactivated - Camera fitting - Environmental conditions: -25 C° + 55 C° - Wireless report for alarm - Wireless report for tamper - Wireless report for low battery - Wireless report for survival - Data sent: detector model – battery voltage – working temperature – Easy programming : self- learning on CP – Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Power supply: 3.6 Vdc, 8.5 A lithium battery - Battery life: 2 years with energy saving function enabled - Dimensions (WxLxH): 135 x 140 x 240 mm - Compatibility: RAPTOR control panel, XSATWS4 - **Protection class: IP 65**

BIDIRECTIONAL WIRELESS PRODUCTS

UNIVERSAL WIRELESS OUTDOOR PIR+MW DUAL TECHNOLOGY DETECTORS
COMPATIBILITY WITH ALL THE CONTROL PANELS

Code   Item - Features

1132133   SPECTRUM DT WS STD AM

Wireless universal outdoor triple technology detector with antimasking

Detection through double PIR and Microwave 10.525 GHz - Detection range from 3 to 12 meters - Universal compatible with all the third part WL transmitters - Antimasking with active IR - Digital temperature compensation - Detection angle up to 100° - Orientation horizontal plane 180° - Installation height 1,2 meters with standard lens- 2,2 meters with SSL optional lens - PET Immunity - Light filter - Power consumption in hush 15 µA - Power consumption in alarm 9 mA - Alarm output c/nc - Tamper output c/nc - Walk test with Led and Buzzer activation - Lithium Battery 3,6 Vdc 2,2 Ah, included - Battery life: 2 years with active consumption reduction - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm
Protection class: IP 55

1132113   OUTSPIDER DT WS UB

Wireless outdoor dual technology detector with antimasking

Same as OUTSPIDER DT WS with: - Compatibility: UNIVERSAL (it can be connected with any kind of radio transmitter via the low consumption OCs outputs) - Power supply: 3.6 Vdc, 8.5 A lithium battery (included) - Max consumption: 30 mA in stand-by, 30 mA in alarm

1132114   OUTSPIDER DT WS U

Wireless outdoor dual technology detector with antimasking

Same as OUTSPIDER DT WS UB - lithium battery NOT INCLUDED

WIRELESS EXTERNAL SIRENS AND ACCESSORIES

CITY WS

1164107   CITY WS 4

Bidirectional wireless self-powered siren

Frequency GFSK FM 868 MHz - multi frequency – Bi-directional - Max range 200 m. in open space - Communications: alarm - anti-tamper - battery - survival - Detector model - Battery voltage - Working temperature - Easy programming: self learning on CP - Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - LED for visualization system status - Dimensions (LxHxW): 255 x 200 x 80 mm - Container: ivory-coloured plastic - Power supply: with 4 X 1,5 alkaline battery type D LR20 (included) or mod. ALCITYWS4 external power supply (not included) - Compatibility: RAPTOR control panel, XSATWS4
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

CITY WS CARBON

1164108   CITY WS 4 C

Carbon look bidirectional wireless self-powered siren

Same as CITY WS4 with carbon plastic housing

1164110   ALCITYWS 4

Power supply unit for wireless bidirectional siren

Switching: 230Vac - 14,4Vdc 1A - Compatibility with CITY WS 4

ALCITYWS 4

BIDIRECTIONAL WIRELESS PRODUCTS

Code	Item - Features
1121111	**RPT WS 4**

Bidirectional wireless repeater

Frequency: GFSK FM 868 MHz, Bi-directional - Radio coverage: up to 200 m in open field - Features: up to max 125 wireless devices - Supply voltage: 230Vac/12Vdc - battery 12 vdc 2,1 A (not included) - Dimensions (LxHxD): 247 x 232 x 55 mm - Compatibility with bidirectional wireless devices

MOBILE APPLICATION AND PROGRAMMING SOFTWARE

APP	**MY AVS MANAGER**

Mobile application for installers to program Raptor control panels

MY AVS MANAGER is the Mobile APP, developed for the installer, to program and configure, in CLOUD, from everywhere and any time, the RAPTOR range of bi-directional wireless control panels, by using the assisted and guided WIZARD mode. You can also manage the different wireless devices associated to your control panel.

	INSTALLER	
Features	**LIGHT Version (FREE)**	**PREMIUM Version**
APP MY AVS MANAGER: Number of devices to which the access is allowed	2	50
Saving programming	The most recent	The last n°10 saved on CLOUD
System diagnostics	x	x
Raptor control panel wizard programming	x	x
Wireless devices programming	x	x
Programming with XWIN across the CLOUD	x	x
MARKETING AREA		
Send Push notification to customers		x
Customize MYAVSALARM App with Installer logo	-	x

MYAVSMANAGER works on the AVS CLOUD MANAGER SERVER which allows simplified network settings. Thanks to the AVS Cloud, no router configuration is required, no static IP addresses are required.
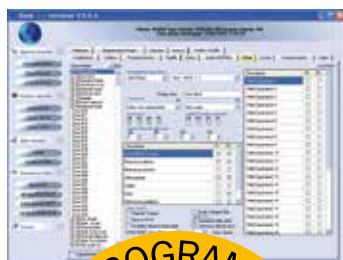
1104102	**XWIN**

Programming software for AVS control panels with Wizard Included

Features: XTREAM programming software - Local programming via USB or remote via PSTN line, with standard modem V.90 or GSM modem and TCP-IP and CLOUD - Real time supervision of the system with visualization of system status and diagnostic - Special features: allows the complete control of each configuration parameter, management of customers database, customize vocal messages - Allows updating of control panel firmware with direct connection to control panel via USB port - System data: Windows®, XP SP2®. VISTA®, Windows 7/8/10® - Compatible with modem: standard V.90 - Compatibility: CAPTURE / XTREAM/RAPTOR
NOTE:® The marks and trade marks mentioned belong to their respective owners

ACCESSORIES FOR OUTDOOR DETECTORS

OSC

Code	Item - Features

1135113	**OSC**
	Protection cap for detector ONE

Frontal cap for rain protection for detector ONE

SSC

1135110	**SSC**
	Rain protection cap for Spectrum

Frontal sunshield for rain protection

SSD

1135111	**SSD**
	Spacer for Spectrum

47 mm spacer, included by default for STD series

1135109	**SSL**
	Optional lens for Spectrum

SSL

Optional lens to install SPECTRUM at 2,2 meters high - not available wall series

1135112	**STA**
	Tamper for Spectrum

Mechanical optional tamper

KB
KBT

1134109	**KB**
	Wall bracket for detectors SPY/ONE/SPECTRUM

Orientation bracket for SPECTRUM when installed at 2,2 meters with SSI lens - not available wall series

1134110	**KBT**
	Wall bracket with tamper for detectors SPY/ONE/SPECTRUM

Same characteristics as KB with tamper

BIDIRECTIONAL WIRELESS PRODUCTS

Code   Item - Features

1194100   BATT D4

Battery for bidirectional wireless siren CITY WS 4

N°4 alkaline battery type D (4 X 1,5 Vdc) - Compatibility: CITY WS 4

BATT D4

9094120   ZB022

Lithium battery for detectors SPECTRUM WS4/JET WS4/WIC4 WS/A500 WS4

Replacement battery for SPECTRUM WS4, JET WS4, WIC4 WS, - 3,6 Vdc - 2,2 A

ZB022

9094124   ZB20105

Lithium battery for wireless detectors SPECTRUM WS4 and OUTSPIDER WS4

Replacement battery for SPECTRUM WS4 series, OUTSPIDER WS4 series - 3,6 Vdc - 7,7 A

ZB020105

9094121   ZBCR2032

Lithium battery for remote controls BIP4/WIC4 MINI

Replacement battery for remote controls BIP4, BIP4 Plus series - 3,0 Vdc - Type CR2032

ZBCR2032

9094119   ZBDL123A

Lithium battery for wireless detectors JET 360 WS4/WING 4 WS/WIC 4 WS

Replacement battery for JET 360 WS4, WING4 WS, WIC4 WS - 3,0 Vdc - 1,1 A Type CR123

ZBDL123A
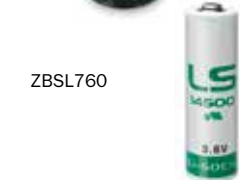
9094123   ZBSL760

Lithium battery for wireless detectors ONE PAWS 4

Replacement battery for ONE PA WS4 - 3,6 Vdc - 2,2 A

ZBSL760

9094126   ZBCR1632

Lithium battery for wireless detector GHOST

Replacement battery for wireless detector GHOST - 3,0 Vdc - Type: CR1632

ZBCR1632

BIDIRECTIONAL WIRELESS PRODUCTS

RAPTOR and its app give you all the safety and freedom you desire.

MyAVSAlarm is the App developed for the end-user, connected to the AVS Cloud, to control easily and intuitively your control panel, from everywhere and at any time you desire.

AVS SERVER CLOUD

The AVS cloud allows a secure and reliable connection, constantly supervising the connection to Internet.

PUSH-NOTIFICATIONS

The AVS Cloud is able to keep you informed on what is happening to your control panel, sending real time notifications of alarm, failure, login on your mobile.

SIMPLE COMMANDS

A smart and simple interface, allows you to intuitively access to all the programmed functions of the system.

QUICK ACTION

Simple and quick management of the control panel with the simplifications of the accesses and the activation of quick commands. Your telephone can be a remote control.

SEMPLIFIED SCENARIOS

With only a click, you can manage many functionalities. With this function, it makes simpler also the most complexed commands.

VIDEO VERIFICATIONS

The APP permits the connection of video cameras IP ONVIF S - Mjpeg - RTSP for the video verifications in real time.

AVS CLOUD THE BEST CLOUD FOR YOUR SAFETY

The AVS Cloud allows a secure and reliable connection, constantly supervising Internet, sending real-time notifications of alarm, failure, login and inefficiency of the network on your mobile. The system works with encrypted protocols and the AVS servers are certified according to the ISO IEC 27001: 2013 standard, ensuring security at the highest levels.

APP	**MY AVS ALARM**

APP for smartphone and tablet, studied for the end user.

APP MY AVS ALARM is the unique application for smartphones and tablets, available free of charge on APP STORE and GOOGLE PLAY that allows you to control easily and intuitively your control panels.
MY AVS ALARM Premium Version - service on subscription; info on www.myavsalarm.com
Full management of the RAPTOR System through AVS CLOUD Server, on-off sectors, scenarios, domotics commands, zone status checking, diagnostics, event memory. Live Video verification of images coming from TCP-IP cameras, compatibles with ONVIF S ® - MJPEG® -RTSP Automatic Push notification for Alarm, On-Off and system failures weather data coming from NETATMO ® compatible devices.
NOTE:® The marks and trade marks mentioned belong to their respective owners

THE FEATURES OFFERED BY MYAVSALARM ACCORDING TO THE TYPE OF SUBSCRIPTION ARE THE FOLLOWING:	Light Version (FREE)	Premium Version
Verification control panel status	X	X
Push notifications based on the events:		Completo
• On line/Off line control panel		X
• Alarm	X	X
• Switch On/Switch off partitions		X
• Bypass/Unbypass Zones		X
• Faults		X
• Activation/Deactivation functions	X	X
• Login		X
Push Notifications storing	X	X
Quick Push notifications	X	X
Face & touch ID Login	X	X
Enable/Disable Functions	X	X
Bypass/Unbypass Zones		X
On/Off Partitions		X
Connection weather stations NetAtmo®	X	X
Events Log Consultation	X	X
Diagnostic Consultation		X
Scenarios Managing		X
Video verification with video preview notification		X
Display TVCC/ONVIF/MJPEG/RTSP		X
Quick Actions		X
Dynamic DNS		X
Number of devices with authorized access	10	2 Premium + 10 Light
Dynamic IP verification		X
ADV Banner	X	
Update	X	X
New functions update		X

MYAVSALARM PREMIUM CARD

1104124	**1-YEAR PREMIUM SUBSCRIPTION CARD**

1104125	**1-YEAR ADDITIONAL DEVICE CARD**

The card contains an activation code to enable the 1-year PREMIUM SUBSCRIPTION or 1-year ADDITIONAL DEVICE in a very simple and quick way.

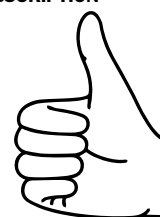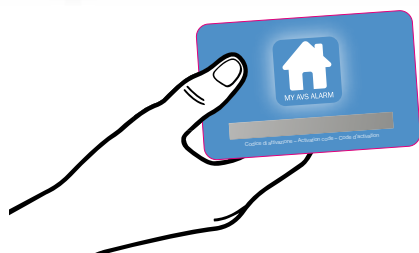**MYAVSALARM PREMIUM CARD**
SIMPLE AND QUICK

1 - ASK FOR IT   **2** - CLEAR THE CODE   **3** - ENABLE THE PREMIUM SUBSCRIPTION ON MYAVSALARM WEBSITE

Core of an advanced system.

Capture

CAPTURE is the alarm system that permits to check accurately any environment. With the APP, you can control easily the status of the system, to be secure everywhere and at any time.

Capture

Code	Item - Features

1100178 CAPTURE 8
Control panel 8 zones with remote management

Configurable zones: 8 basic zones on the main PCB or on expansions - NC inputs, NO inputs, 1 resistor or 2 resistors inputs, switch alarms, inertial detectors - Zone mapping function - Zone expansions on RS485 Bus: up to 4 -Areas/sections: 4 with 4 arming modes each + macro functions - RS485 serial sirens: up to 2 HP sirens - RS485 serial detectors: up to 8 with expansions - Outputs: 3 on the Control panel and 4 zones that can be used as outputs and up to 8 with expansions (relay + O.C.) - Keypads: up to 8 ICE, A500 and A500 PLUS - Codes and keys: 64 user codes, 64 emergency codes, 64 remote controls, 64 proximity TAG - Programming of system: via keypad or with XWIN software - USB port for configuring the system and updating the firmware - RS485 serial Buses: one RS485 Bus supervised with diagnostics using XWIN software and the keypad - PSTN telephone dialler: integrated, sending of calls with digital protocols and voice messages to a max of 16 telephone numbers - optional GSM dialler: XGSM and XGSM485/ PRO, sending and receiving of SMS messages, digital protocols and voice messages to a max of 16 telephone numbers, MYAVSALARM App available - ETHERNET TCP-IP network module, WEB SERVER and MYAVSALARM App: optional EWEB Plus, EWEB Wi-Fi - Speech synthesis and audio output: optional DIGIVOC with more than 300 personalisable words and HELP guide for listening to voice messages, and HELP guide with ICE and A500 Plus keypads - Memory: more of 500 events - Integrated time programmer with 16 daily operations and holiday management - Power supply unit: 13.8 Vdc 1.2 A switching, 12 Vdc 7 Ah battery - METAL housing - Dimensions (LxHxW): 275 x 305 x 90 mm
INCERT EN 50131 Grade 2 CERTIFICATION

1100182 CAPTURE 16
Control panel 16 zones with remote management

Configurable zones: 8 basic zones on the main PCB and up to 16 with expansions - NC inputs, NO inputs, 1 resistor or 2 resistors inputs, switch alarms, inertial detectors - Zone mapping function - Zone expansions on RS485 Bus: up to 4 - Areas/sections: 4 with 4 arming modes each + macro functions - RS485 serial sirens: up to 4 HP sirens - RS485 serial detectors: up to 16 with expansions - Outputs: 3 on the Control panel and 4 zones that can be used as outputs and up to 16 with expansions (relay + O.C.) - Keypads: up to 8 ICE, A500 and A500Plus - Codes and keys: 64 user codes, 64 emergency codes, 64 remote controls, 64 proximity TAG - Programming of system: via keypad or with XWIN software - USB port for configuring the system and updating the firmware - RS485 serial Buses: one RS485 Bus supervised with diagnostics using XWIN software and the keypad - PSTN telephone dialler: integrated, sending of calls with digital protocols and voice messages to a max of 16 telephone numbers - optional GSM dialler: XGSM and XGSM485/ PRO, sending and receiving of SMS messages, digital protocols and voice messages to a max of 16 telephone numbers, MYAVSALARM App available - ETHERNET TCP-IP network module, WEB SERVER and MYAVSALARM App: optional EWEB Plus, EWEB Wi-Fi - Speech synthesis and audio output: optional DIGIVOC with more than 300 personalisable words and HELP guide for listening to voice messages, and HELP guide with ICE and A500 Plus keypads - Memory: more of 500 events - Integrated time programmer with 16 daily operations and holiday management - Power supply unit: 13.8 Vdc 1.2 A switching, 12 Vdc 7 Ah battery - METAL housing - Dimensions (LxHxW): 275 x 305 x 90 mm
INCERT EN 50131 Grade 2 CERTIFICATION

1100193 CAPTURE 16M
Control panel 16 zones with remote management

Same features as the CAPTURE 16 with: - Power supply unit: 13.8 Vdc 1.6 A switching, 12 Vdc 18 Ah battery - Metal housing - Dimensions (LxHxW): 311 x 375 x 96 mm
INCERT EN 50131 Grade 2 CERTIFICATION

Capture

Code	Item - Features

1100180   CAPTURE 32

Control panel 32 zones with remote management

Configurable zones: 8 basic zones on the main PCB and up to 32 with expansions - NC inputs, NO inputs, 1 resistor or 2 resistors inputs, switch alarms, inertial detectors - Zone mapping function - Zone expansions on RS485 Bus: up to 8 - Areas/sections: 8 with 4 arming modes each + macro functions - RS485 serial sirens: up to 8 HP sirens - RS485 serial detectors: up to 32 with expansions - Outputs: 3 on the Control panel and 4 zones that can be used as outputs and up to 32 with expansions (relay + O.C.) - Keypads: up to 8 ICE, A500 and A500Plus - Codes and keys: 128 user codes, 128 emergency codes, 128 remote controls, 128 proximity TAG - Programming of system: via keypad or with XWIN software - USB port for configuring the system and updating the firmware - RS485 serial Buses: one RS485 Bus supervised with diagnostics using XWIN software and the keypad - PSTN telephone dialler: integrated, sending of calls with digital protocols and voice messages to a max of 16 telephone numbers - optional GSM dialler: XGSM and XGSM485/PRO, sending and receiving of SMS messages, digital protocols and voice messages to a max of 16 telephone numbers, MYAVSALARM App available - ETHERNET TCP-IP network module, WEB SERVER and MYAVSALARM App: optional EWEB Plus, EWEB Wi-Fi - Speech synthesis and audio output: optional DIGIVOC with more than 300 personalisable words and HELP guide for listening to voice messages, and HELP guide with ICE and A500 Plus keypads - Memory: more of 500 events - Integrated time programmer with 16 daily operations and holiday management - Power supply unit: 13.8 Vdc 1.2 A switching, 12 Vdc 7 Ah battery - Metal housing - Dimensions (LxHxW): 275 x 305 x 90 mm - **INCERT EN 50131 Grade 2 CERTIFICATION**

1100194   CAPTURE 32M

Control panel 32 zones with remote management

Same features as the CAPTURE 32 with: - Power supply unit: 13.8 Vdc 1.6 A switching, 12 Vdc 18 Ah battery - METAL housing - Dimensions (LxHxW): 311 x 375 x 96 mm - **INCERT EN 50131 Grade 2 CERTIFICATION**

1100217   CAPTURE 64M

Control panel 64 zones with remote management

CAPTURE   32M
CAPTURE   64M
CAPTURE 128M

Configurable zones: 8 basic zones on the main PCB and up to 64 with expansions - NC inputs, NO inputs, 1 resistor or 2 resistors inputs, switch alarms, inertial detectors - Zone mapping function - Zone expansions on RS485 Bus: up to 8 - Areas/sections: 8 with 4 arming modes each + macro functions - RS485 serial sirens: up to 8 HP sirens - RS485 serial detectors: up to 64 with expansions - Outputs: 3 on the Control panel and 4 zones that can be used as outputs and up to 64 with expansions (relay + O.C.) - Keypads: up to 8 ICE, A500 and A500 PLUS - Codes and keys: 128 user codes, 128 emergency codes, 128 remote controls, 128 proximity TAG - Programming of system: via keypad or with XWIN software - USB port for configuring the system and updating the firmware - RS485 serial Buses: one RS485 Bus supervised with diagnostics using XWIN software and the keypad - PSTN telephone dialler: integrated, sending of calls with digital protocols and voice messages to a max of 32 telephone numbers - optional GSM dialler: XGSM and XGSM485/PRO, sending and receiving of SMS messages, digital protocols and voice messages to a max of 32 telephone numbers, MYAVSALARM App available - ETHERNET TCP-IP network module, WEB SERVER and MYAVSALARM - App: optional EWEB Plus, EWEB Wi-Fi - Speech synthesis and audio output: optional DIGIVOC with more than 300 personalisable words and HELP guide for listening to voice messages, and HELP guide with ICE and A500 Plus keypads - Memory: more of 500 events - Integrated time programmer with 16 daily operations and holiday management - Power supply unit: 13.8 Vdc 1.6 A switching, 12 Vdc 18 Ah battery - METAL housing - Dimensions (LxHxW): 311 x 375 x 96 mm - **INCERT EN 50131 Grade 2 CERTIFICATION**

1100218   CAPTURE 128M

Control panel 128 zones with remote management

Configurable zones: 8 basic zones on the main PCB and up to 128 with expansions - NC inputs, NO inputs, 1 resistor or 2 resistors inputs, switch alarms, inertial detectors - Zone mapping function - Zone expansions on RS485 Bus: up to 8 - Areas/sections: 8 with 4 arming modes each + macro functions - RS485 serial sirens: up to 8 HP sirens - RS485 serial detectors: up to 128 with expansions - Outputs: 3 on the Control panel and 4 zones that can be used as outputs and up to 71with expansions (relay + O.C.) - Keypads: up to 8 ICE, A500 and A500 PLUS - Codes and keys: 128 user codes, 128 emergency codes, 128 remote controls, 128 proximity TAG - Programming of system: via keypad or with XWIN software - USB port for configuring the system and updating the firmware - RS485 serial Buses: one RS485 Bus supervised with diagnostics using XWIN software and the keypad - PSTN telephone dialler: integrated, sending of calls with digital protocols and voice messages to a max of 32 telephone numbers - optional GSM dialler: XGSM and XGSM485/PRO, sending and receiving of SMS messages, digital protocols and voice messages to a max of 32 telephone numbers, MYAVSALARM App available - ETHERNET TCP-IP network module, WEB SERVER and MYAVSALARM - App: optional EWEB Plus, EWEB Wi-Fi - Speech synthesis and audio output: optional DIGIVOC with more than 300 personalisable words and HELP guide for listening to voice messages, and HELP guide with ICE and A500 Plus keypads - Memory: more of 500 events - Integrated time programmer with 16 daily operations and holiday management - Power supply unit: 13.8 Vdc 1.6 A switching, 12 Vdc 18 Ah battery - METAL housing - Dimensions (LxHxW): 311 x 375 x 96 mm

Code	Item - Features

1120134   PWCPT

Power Supply unit in metal housing with zones and outputs

Current: 1,2 A max - Bus connection: RS485 - Dynamic power control for 220 Vac , fuses and battery status - zones: 8 inputs - outputs: 3 (relay + o.c.) - Battery (space for): 12 Vdc from 7A - Metal housing dimensions (LxHxD): 275 x 305 x 95mm - Compatibility: CAPTURE - **IMQ-INCERT EN 50131 Grade 2 CERTIFICATION**

1120135   PWCPTM

Power Supply unit in metal housing with zones and outputs

Current: 1,6 A max - Bus connection: RS485 - Dynamic power control for 220 VAc, fuses and battery status - zones: 8 inputs - outputs: 3 (relay + o.c.) - Battery (space for): 12 Vdc from 18 A - Metal housing dimensions (LxHxD): 311 x 375 x 96mm - Compatibility: CAPTURE - **IMQ-INCERT EN 50131 Grade 2 CERTIFICATION**

CAPTURE SYSTEM DEMO CASE

1191296   CAPTURE SYSTEM DEMO CASE

Capture system demo case in high resistant PVC

Shockproof high resistance PVC suitcase, guaranteed to protect and transport delicate equipment - black color - easy opening - shock resistant - safety catches - soft grip - Dimensions: 502 x 415 x H 246 mm - Weight: 6,5 Kg.
Protection IP: 65

Content:

Code	Item	Description
1100178	Capture 8	Control panel 8 zones with remote management
1111120	A500 PLUS	Smart LCD keypad with audio and NFC Ready
1111123	ICE	4.3" Touch screen keypad NFC ready with white cover
1130144	JET DT HP PLUS	Digital dual technology detector RS485 with antimasking
	MC magnetic	New miniaturized magnetic contact
1120133	XSATMINI	RS485 miniature 3 zone expansion module
1132116	ONE DT HP	Outdoor dual technology detector with RS485 Bus
	Electronic board	Siren HP + flash - to simulate sound and flashing light/blinking

MULTIFUNCTIONAL CONTROL PANELS

Xtream
system

Internet
Protocol **IP**

8

APP
READY
MY AVS ALARM

XTREAM, when the flexibility increases the strength!

Xtream

XTREAM is the range of flexible and multifunctional control panels wire & wireless, that gives you maximum security and freedom.

Code	Item - Features

1100149   XTREAM 640

Control panel 640 zones with remote management

Configurable zones: 10 ones on the main PCB and up to 640 with expansions - Balanced inputs, switch alarms, inertial detectors - Zone mapping function - Zone expansions on the main PCB: one optional XEXP8 mod. (8 zones) - Zone expansions on RS485 Bus: up to 32 - Areas/sections: 64 with 4 arming modes each + macro functions - RS485 serial sirens: up to 16 HP sirens - RS485 serial detectors: 32 on Control panel and up to 640 with expansions - Outputs: 9 on the main PCB and up to 250 with expansions (relay + O.C.) - Keypads: up to 32 ICE, A300, A500 and A600 - proximity readers: up to 32 readers for the RS series - Codes and keys: 512 user codes, 512 emergency codes, 512 remote controls, 512 proximity keys - Programming of system: via keypad or with XWIN software - USB port for configuring the system and updating the firmware - RS485 serial Buses: three RS485 Buses supervised with diagnostics using XWIN software and the keypad - PSTN telephone dialler: integrated, sending of calls with digital protocols and voice messages to a max of 64 telephone numbers - optional GSM dialler: XGSM and XGSM485/PRO, sending and receiving of SMS messages, digital protocols and voice messages to a max of 64 telephone numbers - ETHERNET TCP-IP network module, WEB SERVER and MYAVSALARM App: optional EWEB Plus, EWEB Wi-Fi - Speech synthesis with audio output: integrated with more than 300 personalisable words and HELP guide for listening to voice messages, and HELP guide with ICE, A500 Plus and A600 Plus keypads - Memory: 2000 events - Integrated time programmer with 32 daily operations and holiday management - Power supply unit: 13.8 Vdc 3.4 A switching, 12 Vdc 17 Ah battery - Metal housing - Dimensions: 330x420x110 mm (LxHxW)

CERTIFICATION: IMQ-INCERT EN 50131 Grade 3

1100153   XTREAM 64

Control panel 64 zones with remote management

Configurable zones: 6 ones on the main PCB and up to 64 with expansions - Balanced inputs, switch alarms, inertial detectors - Zone mapping function - Zone expansions on the main PCB: one optional XEXP8 (8 zones) - Zone expansions on RS485 Bus: up to 8 - Areas/sections: 8 with 4 arming modes each + macro functions - RS485 serial sirens: up to 8 HP sirens - RS485 serial detectors: 16 on Control panel and up to 64 with expansions - Outputs: 9 on the Control panel and up to 72 with expansions (relay + O.C.) - Keypads: up to 8 ICE, A300, A500 and A600 - proximity readers: up to 16 readers for the RS series - Codes and keys: 64 user codes, 64 emergency codes, 64 remote controls, 64 proximity keys - Programming of system: via keypad or with XWIN software - USB port for configuring the system and updating the firmware - RS485 serial Buses: one RS485 Bus supervised with diagnostics using XWIN software and the keypad - PSTN telephone dialler: integrated, sending of calls with digital protocols and voice messages to a max of 16 telephone numbers - optional GSM dialler: XGSM and XGSM485/PRO, sending and receiving of SMS messages, digital protocols and voice messages to a max of 16 telephone numbers - ETHERNET TCP-IP network module, WEB SERVER and MYAVSALARM App: optional EWEB Plus, EWEB Wi-Fi - Speech synthesis and audio output: optional XSINT with more than 300 personalisable words and HELP guide for listening to voice messages, and HELP guide with ICE, A500 Plus and A600 Plus keypads - Integrated time programmer with 32 daily operations and holiday management - Memory: 1000 events - Power supply unit: 13.8 Vdc 1.7 A switching, 12 Vdc 7 Ah battery - Metal housing - Dimensions 321 x 279 x 83 mm (LxHxW)

1100256   XTREAM 64B

Control panel 64 zones with remote management

Same features as the XTREAM 64 with: - 13.8 Vdc 3.4 A Switching power supply unit, 12 Vdc 17 Ah battery - Metal housing - Dimensions 330x420x110 mm (LxHxW)

CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

Code	Item - Features

1100159 XTREAM 32

Control panel 32 zones with remote management

Configurable zones: 6 basic ones on the main PCB and up to 32 with expansions - Balanced inputs, switch alarms, inertial detectors - Zone mapping function - Zone expansions on the main PCB: one optional XEXP8 (8 zones) - Zone expansions on RS485 Bus: up to 8 - Areas/sections: 8 with 4 arming modes each + macro functions - RS485 serial sirens: up to 8 HP sirens - RS485 serial detectors: 8 on Control panel and up to 32 with expansions - Outputs: 9 on the Control panel and up to 72 with expansions (relay + O.C.) - Keypads: up to 8 ICE, A300, A500 and A600 - proximity readers: up to 16 readers in the RS series - Codes and keys: 64 user codes, 64 emergency codes, 64 remote controls, 64 proximity keys - Programming of system: via keypad or with XWIN software - USB port for configuring the system and updating the firmware - RS485 serial Buses: one RS485 Bus supervised with diagnostics using XWIN software and the keypad - PSTN telephone dialler: integrated, sending of calls with digital protocols and voice messages to a max of 16 telephone numbers - optional GSM dialler: XGSM and XGSM485/PRO, sending and receiving of SMS messages, digital protocols and voice messages to a max of 16 telephone numbers - ETHERNET TCP-IP network module, WEB SERVER and MYAVSALARM App: optional EWEB Plus, EWEB Wi-Fi - Speech synthesis and audio output: optional XSINT with more than 300 personalisable words and HELP guide for listening to voice messages, and HELP guide with ICE, A500 Plus and A600 Plus keypads - Memory: 1000 events - Integrated time programmer with 32 daily operations and holiday management - Power supply unit: 13.8 Vdc 1.7 A switching, 12 Vdc 7 Ah battery - ABS housing - Dimensions 275 x 275 x 99 mm (LxHxW)

1100250 XTREAM 32B

Control panel 32 zones with remote management

Same features as the XTREAM 32 with: - 13.8 Vdc 3.4 A Switching power supply unit, 12 Vdc 17 Ah battery - Metal housing - Dimensions 330x420x110 mm (LxHxW)

IMQ-INCERT EN 50131 Grade 2 CERTIFICATION

1100164 XTREAM 6

Control panel 10 zones with remote management

Configurable zones: 6 on the main PCB and up to 10 with expansion - Balanced inputs, switch alarms, inertial detectors - Zone mapping function - Zone expansions on the main PCB: one optional XEXP8 (8 zones) - Zone expansions on RS485 Bus: 1 - Areas/sections: 8 with 4 arming modes each + macro functions - RS485 serial sirens: one HP siren - RS485 serial detectors: up to 10 - Outputs: 9 on the Control panel and up to 18 with expansions (relay + O.C.) - Keypads: up to 8 ICE, A300, A500 and A600 - proximity readers: up to 16 readers in the RS series - Codes and keys: 64 user codes, 64 emergency codes, 64 remote controls, 64 proximity keys - Programming of system: via keypad or with XWIN software - USB port for configuring the system and updating the firmware - RS485 serial Buses: one RS485 Bus supervised with diagnostics using XWIN software and the keypad - PSTN telephone dialler: integrated, sending of calls with digital protocols and voice messages to a max of 16 telephone numbers - optional GSM dialler: XGSM and XGSM485/PRO, sending and receiving of SMS messages, digital protocols and voice messages to a max of 16 telephone numbers - ETHERNET TCP-IP network module, WEB SERVER and MYAVSALARM App: optional EWEB Plus, EWEB Wi-Fi - Speech synthesis and audio output: optional XSINT with more than 300 personalisable words and HELP guide for listening to voice messages, and HELP guide with ICE, A500 Plus and A600 Plus keypads - Integrated time programmer with 32 daily operations and holiday management - Memory: 1000 events - Power supply unit: 13.8 Vdc 1A switching - 12 Vdc 7 Ah battery - ABS housing - Dimensions 275 x 275 x 99 mm (LxHxW)

1100269 XTREAM 6B

Control panel 10 zones with remote management

Same features as the XTREAM 6 with: - 13.8 Vdc 3.4 A Switching power supply unit, 12 Vdc 17 Ah battery - Metal housing - Dimensions 330x420x110 mm (LxHxW)

CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

MULTIFUNCTIONAL CONTROL PANELS

Code	Item - Features

1111123 ICE
4.3" Touch screen keypad NFC ready with white cover

Technology: 4.3" TFT touch screen - Cover: white - Inputs/outputs: 2 in/out terminals - Integrated proximity reader with NFC ready technology - Audio output for listening to the voice guide - USB port for programming and updating via PC - Photo frame function and support for Micro SD card (memory not provided) - Graphical display mode: App icons, quick mode and keypad simulation - Power consumption: 250 mA - Dimensions of housing (LxHxW): 130 x 92 x 16 mm - Compatibility: XTREAM, CAPTURE - RAPTOR - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

1111130 ICE BL
4.3" Touch screen keypad NFC ready with black cover

Same features as the ICE model, with black cover

1111119 A500
Smart LCD keypad - white color

Display: 32 characters LCD display + 7 system status LEDs - Backlighting: white illuminated keys, blue illuminated display - Cover: standard white - Zone inputs: 1 (NC) - Power consumption: 70mA - Dimensions: (LxHxW): 110 x 130 x 34 mm - Compatibility: XTREAM, CAPTURE - RAPTOR - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

1111126 A500 CARBON
Smart LCD keypad - carbon look

Same features as the A500 with cover carbon look - RS485

1111120 A500 PLUS
Smart LCD keypad with audio and NFC Ready -white color

Same features as the A500 with: - Audio output for listening to the voice guide - Integrated proximity reader with NFC ready technology - Interchangeable cover: white, grey and black- **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

1111127 A500 CARBON PLUS
Smart LCD keypad with audio and NFC Ready - carbon look

Same features as the A500 Plus with cover carbon look

1111100 A300
Compact LCD keypad with white cover

Display: 32 characters LCD display + 3 system status LEDs - Backlighting: green - Cover: white - Zone inputs: 1 (NC) - Power consumption: 70mA - Dimensions (LxHxW): 120 x 90 x 15 mm - partially recessed in type 503 junction box - Compatibility: CONCORDE, ADVANCE 88, XTREAM
CERTIFICATION: IMQ-INCERT EN 50131

1111101 A300 PLUS
Compact LCD keypad with grey cover

Same features as the A300 with backlighting blue and grey cover

1111109 A600 EVO
Compact LCD keypad

Display: large character 16x2 LCD display and 8 signalling LEDs - Backlighting: blue - Cover: white – Zone inputs: 2 (balanced NC/NO) - Advanced management of keypad with quick selection keys, ABCD keys and multifunctional LED - Power consumption: 170mA - Dimensions (LxHxW): 153 x 120 x 35 mm - Compatibility: CONCORDE, ADVANCE 88, XTREAM, CAPTURE, RAPTOR - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

1111110 A600 EVO PLUS
Advanced LCD keypad with audio and proximity reader TOUCH/NFC

Display: large character 16x2 LCD display and 8 signalling LEDs - Backlighting: blue - Cover: white – Zone inputs: 2 (balanced NC/NO) - Advanced management of keypad with quick selection keys, ABCD keys and multifunctional LED - Signalling status audio output and HELP guide - Reader for NFC TAG and TOUCH keys - Digital audio (combined with Raptor and Capture series) - USB port for control panel programming and keypad firmware update - Volume control and illumination of keys - Power consumption: 170mA - Dimensions (LxHxW): 153 x 120 x 35 mm - Compatibility: CONCORDE, ADVANCE 88, XTREAM, CAPTURE, RAPTOR - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

A500 CARBON

A300 PLUS

A600 EVO

MULTIFUNCTIONAL CONTROL PANELS

Code	Item - Features

1150129　**RS 1**

Serial Bus proximity readers

Bus connection: RS485 - Compatible tag Touch - Suitable with: Ticino MAGIC Beige ®- Reader technology: passive proximity - Status: 4 leds - Current consumption: 30mA - Dimensions (LxHxD): 45 x 44 x 21 mm - Compatibility: LUCKY, XTREAM, ADVANCE, CONCORDE, CAPTURE

CERTIFICATION IMQ-INCERT EN 50131 Grade 2

VERSIONS			
	1150130	RS 2	Grey Ticino LIVING ®
	1150131	RS 3	Grey Ticino LIVING INT. ®
	1150132	RS 4	White Ticino LIGHT ®
	1150133	RS 5	Grey Ticino MAGIC ®
	1150134	RS 6	White Vimar PLANA ®
	1150138	RS 6S	Grey Vimar PLANA ®
	1150135	RS 7	Vimar EICON ®
	1150136	RS 7B	White Vimar EICON ®
	1150137	RS 7S	Silver Vimar EICON ®

1150126　**TOUCH-B**

Touch proximity tag

RF technology: passive - Material: polycarbonate - Colour: BLUE - Dimensions (LxHxW): 22 x 60 x 5 mm - Compatibility: RD and RS readers and A600 PLUS keypad

VERSIONS			
	1150122	TOUCH-G	colour: GREEN
	1150123	TOUCH-O	colour: ORANGE
	1150124	TOUCH-P	colour: PINK
	1150125	TOUCH-Y	colour: YELLOW

PROXIMITY KEYS AND TAG WITH "NFC" TECHNOLOGY

1150140　**TOY L**

Red NFC key ring proximity tag

Technology: NFC - Material: metal and leather - Colour: red - Compatibility: ICE, A600 EVO Plus, A500 PLUS, A500 PLUS WS4, RAPTOR. - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

1150144　**TOY LN**

Black NFC key ring proximity tag

Technology: NFC - Material: metal and leather - Colour: black - Compatibility: ICE, A600 EVO Plus, A500 PLUS, A500 PLUS WS4, RAPTOR. - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

MULTIFUNCTIONAL CONTROL PANELS

GSM COMMUNICATION MODULE

Code   Item - Features

1171103   XGSM

GSM telephone dialler - Plug-in

Communication protocols: vocal, digital, TCP-IP - Sending and receiving of SMS messages - MY AVS ALARM Mobile App management - Connection: plug-in on the control panels' main PCB
- Consumption: 320mA - Dimensions (LxHxW): 75 x 121 x 23 mm - Compatibility: XTREAM 6/32/64/640, CAPTURE, XSATHP
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2 – Compliance to RED CERTIFICATION

4G GSM COMMUNICATION MODULE

XGSM 4G

1171118   XGSM 4G

Telephone dialler on network LTE/4G

Connection networks: 2G/3G/LTE/4G - Communication protocols: vocal, digital, TCP-IP - Sending and receiving of SMS messages - MY AVS ALARM Mobile App management - Connection: plug-in on the control panels' main PCB - Consumption: 320mA - Dimensions (LxHxW): 75 x 121 x 23 mm - Compatibility: XTREAM 6/32/64/640, CAPTURE, XSATHP

XGSM 485 4G

1171116   XGSM 485 4G

Telephone dialler with RS485 BUS on LTE/4G networks

Connection networks: 2G/3G/LTE/4G - Communication protocols: voice and SMS messages - Sending and receiving of SMS messages - Connection: RS485 serial - USB port for direct connection to the PC and XWIN software - Double SIM CARD - Speech synthesis: integrated with over 300 pre-recorded and customizable speeches - Power supply and consumption: 13.8 Vdc, 320 mA - Dimensions of PCB (LxHxW): 75 x 121 x 25 mm - Compatibility: XTREAM 6/32/64/640, CAPTURE
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2 – Compliance to RED CERTIFICATION

1171117   XGSM 485 PRO 4G

Telephone dialler with RS485 BUS on LTE/4G networks

Connection networks: 2G/3G/LTE/4G - Communication protocols: voice and SMS messages - Sending and receiving of SMS messages - Connection: RS485 serial - USB port for direct connection to the PC and XWIN software - Double SIM CARD - Speech synthesis: integrated with over 300 pre-recorded and customizable speeches - Power supply and consumption: 13.8 Vdc, 320 mA - Dimensions of PCB (LxHxW): 75 x 121 x 25 mm - Compatibility: XTREAM 6/32/64/640, CAPTURE, RAPTOR - Sending of digital protocols over data channel with TCP-IP protocol - Simulation and testing presence of PSTN line - 3 terminals configurable as OC
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

ACCESSORIES: CONTAINERS AND ANTENNA EXTENSION CABLE, SEE PAG. 47

XGSM 485 4G + CONT SX

VOCAL MESSAGE MODULE

1107121   XSINT

Digital vocal messages module

Connection: PLUG-IN - Pre-recorded messages: more than 320 words and 40 free recordable messages - Dynamic RTC function with vocal help guide - Audio output for listening to voice messages with ICE, A500 PLUS, A600 PLUS - Compatibility: XTREAM 6, 32, 64
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

MULTIFUNCTIONAL CONTROL PANELS

XSAT PW3Q/5Q

XSAT PW3/PW5

Code	Item - Features

1120113   XSAT PW3Q

Power Supply unit in metal housing with zones and outputs

Current: 3,4 A max - Bus connection: RS485 - Dynamic power control for 220 VAc , fuses and battery status - zones: from 10 to 18 with optional module XEXP8 - Balanced inputs, switch alarms, inertial detectors - outputs: 9 (relay + o.c.) - Battery (space for): 12 Vdc from 7Ah to 17Ah - Metal housing dimensions (LxHxD): 330 x 420 x 117 mm - Compatibility: CAPTURE, XTREAM 32/64/640, ADVANCE 88, CONCORDE 54
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

1120115   XSAT PW5Q

Power Supply unit in metal housing with zones and outputs

Current: 5 A max - Bus connection: RS485 - Dynamic power control for 220 VAc , fuses and battery status - zones: from 10 to 18 with optional module XEXP8 - Balanced inputs, switch alarms, inertial detectors - outputs: 9 (relay + o.c.) - Battery (space for): 12 Vdc from 7Ah to 17Ah - Metal housing dimensions (LxHxD): 330 x 420 x 117 mm - Compatibility: CAPTURE, XTREAM 32/64/640, ADVANCE 88, CONCORDE 54
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

1120112   XSAT PW3

Power Supply unit - PCB only version

Same features as XSAT PW3Q, electronics PCB without metal housing

1120114   XSAT PW5

Power Supply unit - PCB only version

Same features as XSAT PW5Q, electronics PCB without metal housing

MULTIFUNCTIONAL CONTROL PANELS

WIRED AND WIRELESS ZONE EXPANSION MODULES

Code	Item - Features

1120107   XEXP8

8 zones expansion PLUG-IN module

Zones: 8 balanced inputs, switch alarms, inertial detectors - Connection: PLUG-IN - Consumption: 5 mA - Dimensions: 55 x 33 mm (LxH) - Compatibility: XTREAM 32/64/640, XSAT36, XSATPW
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

1120109   XSAT2

RS485 serial zone extension module 2 zones and 16 outputs

Zones: 2 balanced inputs, switch alarms, inertial detectors - Outputs: 16 normally open (NO) voltage - free OCs - Connection: RS485 serial connection - Dimensions (LxH): 80 x 55 mm - Consumption 40 mA - Compatibility: XTREAM 32 /64/ 640, ADVANCE 88, CONCORDE 54 (limited functions)
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

1120108   XSAT8

RS485 serial zone extension module 10 zones and 8 outputs

Zones: 10 balanced inputs, switch alarms, inertial detectors - Outputs: 8 normally open (NO) voltage-free OCs - Connection: RS485 serial connection - Power supply and consumption 13.8 Vdc, 75 mA - Dimensions (LxH): 80 x 55 mm - Compatibility: XTREAM 32 /64/ 640, ADVANCE 88, CONCORDE 54 (limited functions)
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

XSAT2
XSAT8

1120111   XSAT36

RS485 serial zone extension module 18 zones and 9 outputs

Zones: 10 up to 18 with optional module XEXP8, switch alarms, inertial detectors - Outputs: 9 (relay + OCs) - Connection: RS485 serial connection - Dimensions (LxHxH): 80 x 130 x 30 mm- Compatibility: CAPTURE, XTREAM 32 /64/ 640
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

1143115   XSAT MINI

RS485 miniature 3 zone expansion module

Zones: 3 normally closed (NC) - Outputs: 3 normally open (NO) voltage-free OCs with maximum load of 50 mA - RS485 serial connection - Power supply and consumption 13.8 Vdc 20 mA - Dimensions (LxHxW): 40x25x13 mm - Compatibility: CAPTURE, XTREAM 32/64/640, XSATHP, CAPTURE
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2

1120124   XSAT HP MINI

RS485 serial zone extension module

HP serial zones/devices: up to 32 - In/out terminals: 4 configurable as balanced inputs or outputs - Connection to the Control panel: RS485 serial - RS485 serial connection of digital peripherals - USB port: one for local management with PC and XWIN software - Power supply and consumption 13.8 Vdc, 75 mA - Dimensions (LxH): 80x55 mm- Compatibility: CAPTURE, XTREAM 32 /64/ 640

1121112   XSATWS 4

Bidirectional radio 32 zone extension module

Radio devices: 32 radio zones, 64 remote controls, 1 radio sirens - Radio technology: bi- directional dual FM antenna GFSK FM 868 Mhz- Connection: RS485 serial - range: 150 meters in open space - Terminals: 2 programmable in/out - Power supply and consumption: 13.8 Vdc, 45 mA max - Dimensions (LxWxH): 129.5 x 16 x 92.5 mm - Compatibility: XTREAM, CAPTURE

WIRELESS DEVICES AND ACCESSORIES ON PAGES 11 - 14 - 21

MULTIFUNCTIONAL CONTROL PANELS

Code	Item - Features

1105128   EWEB PLUS

Optional board LAN/Ethernet and Web Server

The interface of communication EWEB PLUS allows the LAN connection with the control panels CAPTURE/XTREAM. The embedded Web Server allows to manage CAPTURE/XTREAM through a common Internet Browser, offering many features:
- Real time status verification on a graphic map - On-off system, on-off output - Memory event control, diagnostics and zone exclusion - Email sending for alarm, on-off, fail - Mobile App management "MY AVS ALARM" - Simultaneous connection up to 4 users - Digital protocols via TCP-IP with data encryption AES128 bit - Management of the protocols VS-XLINK for other systems integration.

INSTALLER FUNCTIONS
Programming and firmware updating/upgrading of CAPTURE/XTREAM control panels through XWIN, using a LAN/WLAN connection or remote in ADSL or with the mobile APP MYAVSMANAGER, through the Cloud. - Dynamic DNS Management - LAN Port: RJ45, 10/100 Mbit/s - Compatibility: CAPTURE/XTREAM software XWIN and ELM

CERTIFICATION: IMQ-INCERT EN50131 Grade 2

1105130   EWEB WIFI II

WiFi and Web Server network board

The interface of communication EWEB WIFI II allows the Wi-Fi connection with the control panels CAPTURE/XTREAM. Same features and functionalities of the model EWEB PLUS - Compatibility Wi-Fi: 2,4 GHz 801.11 g/n

1105136   EWEB PLUS VIDEO

Optional board LAN/Ethernet with VIDEO

Same features and functionalities of the model EWEB PLUS with the following added functions:
- Management of 8 videocamera ONVIF S® - Sending video event completed of pre-event/event/post-event - Management of events: Alarm - User code - Emergency code - False code - Arming/disarming - Panic/Medical/Fire dispatch - Auto configuration Wi-Fi network board by Cloud - **Functions available with APP MYAVSALARM (PREMIUM)**: - Sending Push Notification completed with preview video - Saving video in Cloud - Possibility to send video by email
NOTE: ®The trademarks mentioned belong to their respective owners

1105138   EWEB WIFI II VIDEO

Wi-Fi network board with VIDEO

The interface of communication EWEB WIFI II VIDEO allows the Wi-Fi connection with the control panels CAPTURE/XTREAM. Same features and functionalities of the model EWEB PLUS VIDEO - Compatibility Wi-Fi: 2,4 GHz 801.11 g/n

1104108   ELM

Centralization software with graphical maps

ELM is a software for the centralization of one or more XTREAM - RAPTOR - CAPTURE control panels on the local LAN-TCP IP network, or remotely via ADSL. The user interface provides a simple and new management of the control panels. It is possible to display the status of the zones and the outputs directly on the graphic map, and send commands and activations in real time. The software can display images from IP cameras connected through the TCP-IP network. System requirements: Windows®7, Windows 8, 8.1, 10 ®
NOTE: ® the above trademarks belong to their respective owners

1104110   LIC-ELMXLB

Full user licence for ELM software

FUNCTIONS: displaying graphical maps, managing the system and video images

COMMUNICATION SOFTWARE AND PERIPHERALS

GATEWAY MODULES FOR BUILDING AUTOMATION

Code	Item - Features

9088106   XGATE

IP gateway module for KNX/EIB - MODBus

Integration module between devices EIB / KNX®- MODBus and Xtream control panel equipped with IP comunicator interface EWEB / Plus - Compatibility: XTREAM, EWEB Plus, EWEB - Dimensions and mounting on rail DIN 4 modules - 24 months warranty - **NOTES: ® The trademarks mentioned belong to their respective owners**

9088104   LIC-XGATE PLUS

User licence for XGATE PLUS

The Xgate Plus user license allows the supervision and management through a web browser, of a complete system EIB/KNX or MODBUS allowing the remote management through Smartphone, Tablet, PC, Mac and Linux. with XGATE PLUS. It's possible to remotely control environmental temperatures, lighting, automated curtains and rolling shutters, pumps, motors and all the home automation integrated on the Bus EIB/KNX and MODBUS. It's possible to implement using graphical charts to create a tailor made solution for the supervisor. Furthermore, dynamic icons can make the system easier for the user. It's possible to supervise the AVS control panel status, as arming/disarming of the partitions the inclusion/exclusion of the zones the status of the OC output. for a quick video verification, you can access to the CCTV cameras if available on the system. with XGATE-PLUS you receive a graphical configuration software, that allows custom setting for every systems.

Comparison chart

FUNCTIONS	XGATE	XGATE PLUS
Status of the partitions	X	X
Command arming partitions	X	X
Feedback on the command arming partitions	X	X
Zone status	X	X
Open zone	X	X
Hush zone	X	X
Zone in alarm	X	X
Zone excluded	X	X
Command zone exclusion	X	X
Feedback command zone exclusion	X	X
Output status	X	X
Active output	X	X
Hush output	X	X
Output activation	X	X
Output de-activation	X	X
Feedback output command	X	X
Programming with integrated web server	X	X
Diagnostica	X	X
Switch to Plus version	X	
Management animated icons up to 2.500 points		X
Management up to 128 custom scenarios		X
Management up to 256 conditioned logics		X
Management with graphical maps		X
Management system KNX with App		X
Management system KNX with browser		X
Custom Management Data type KNX		X
Dedicated time programmers for each KNX		X
Project import from ETS4 and ETS5		X

Note: The security section is only for viewing, for managing use APP MYAVSALARM

9099123   LIC PLUGIN GSC

User Licence for PLUG-IN XGATE-MODBUS® for GSC GENETEC®

Allows the integration of the XTREAM platform with a MODBUS® protocol on the platform GSC of GENETEC®. Note: licence for only one system per time.

COMMUNICATION SOFTWARE AND PERIPHERALS
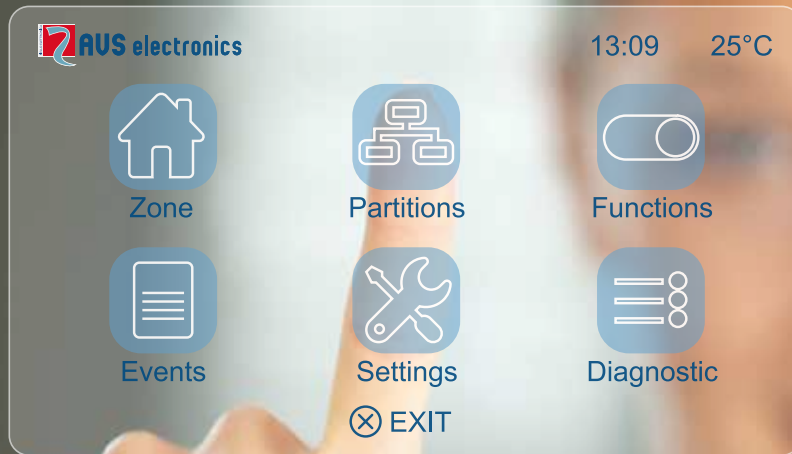
Always safe and connected!

SUPERVISED POWER SUPPLY UNITS

POWER 3Q/5Q

POWER 3/5

Code	Item - Features

1120117 POWER 3Q

Power supply unit in metal housing - serial connection RS485

Current: 3,4 A max - Bus connection: RS485 (CAPTURE/XTREAM) - Dynamic power control for 220 VAc , fuses and battery status - Control output for SAT03 (compatible with other AVS Systems) - Battery (space for): 12 Vdc from 7Ah to 17Ah - Metal housing - Dimensions (LxHxP): 330 x 420 x 117 mm - Compatibility: XTREAM 32,64,640, CAPTURE - **IMQ-INCERT EN 50131 Grade 2 CERTIFICATION**

1120119 POWER 5Q

Power supply unit in metal housing - serial connection RS485

Current: 5A max - Bus connection: RS485 (CAPTURE/XTREAM) - Dynamic power control for 220 VAc , fuses and battery status - Control output for SAT03 (compatible with other AVS Systems) - Battery (space for): 12 Vdc from 7Ah to 17Ah - Metal housing - Dimensions (LxHxP): 330 x 420 x 117 mm - Compatibility: XTREAM 32,64,640, CAPTURE

1120116 POWER 3

Power supply unit - PCB only version

Same features as POWER 3Q, electronics PCB without metal housing

1120118 POWER 5

Power supply unit - PCB only version

Same features as POWER 5Q, electronics PCB without metal housing

POWER SUPPLY UNITS - SPARE PARTS

1180144 PW1

Switching power supply unit 13,8 Vdc 1A

Current: 1 A max - Output tension: 13.8 Vdc - Connection: terminals - Compatibility: LUCKY, XTREAM 6

1180156 PW1,7

Switching power supply unit 13,8 Vdc 1,7A

Current: 1,7 A max - Output tension: 13.8 Vdc - Connection: terminals - Compatibility: XTREAM 32, XTREAM 64

1180145 PW3

Switching power supply unit 13,8 Vdc 3,4A

Current: 3,4 A max - Output tension: 13.8 Vdc - Connection: terminals - Compatibility: Control panels XTREAM 640, XSATPW3(Q), XSATHP, POWER 3(Q)

1180149 PW5

Switching power supply unit 13,8 Vdc 5A

Current: 5 A max - Output tension: 13.8 Vdc - Connection: terminals - Compatibility: XSATPW5(Q), XSATHP, POWER 5(Q), XSATHP

1180169 TRCPT

Transformer for Capture 8/16/32

Input tension: 230 V - Output tension: 13.8 Vac, 20 VA

1180185 TRCPT M

Transformer for Capture 32M/64M/128M

Input tension: 230 V - Output tension: 13.8 Vac, 20 VA

Code	Item - Features

CONT SX

CONT SX

1183108   **CONT SX**

Compact container for modules and PCB

Container with metal base and ABS cover - Dimensions (LxHxW): 164 x 110 x 36 mm - Compatibility: XSAT2, XSAT8, STARLINK 4G PRO, XGSM485 4G

1183109   **CONT SX Metal**

Compact containers for extension modules

Container with metal base and cover - **IMQ-INCERT EN 50131 Grade 2 CERTIFICATION**

1122102   **CONT SAT W**

Container for modules and PCB

ABS container for extension cards - Dimensions (LxHxW): 210 x 210 x 70 mm - Compatibility expansions: XSAT36, XGSM485 4G and STARLINK 4G PRO

1122103   **CONT SAT WX**

Containers for extension modules

Container for module LCD W - Dimensions (LxHxW): 210 x 210 x 70 mm- Compatibility: cards INTWS

CONT XTREAM

1180147   **CONT XTREAM**

Polyvalent metal containers

Metal container for extension cards and power supply units - Dimensions of container (LxHxW): 330 x 420 x 110 mm - Battery: up to 17 Ah - Compatibility: XTREAM640, XSAT36, XSATHP, PW3

1180155   **CONT XTREAM S**

Polyvalent metal containers

Metal container for extension cards and power supply units - Dimensions of container (LxHxW): 321 x 279 x 83 mm - Battery: up to 7 Ah - Compatibility: XTREAM640, XSAT36, XSATHP, PW3, PW6

CONT XTREAM S

1188102   **DCP**

Wall spacers for containers, control panels, power unit

N° 4 ABS spacers - Dimensions (DxP): 25 x 13 mm - Compatibility: metal containers and ABS containers

DCP

SERIAL AMPLIFIER - POWER SUPPLY PARTITOR - RELAY MODULES

1143116   **AMPLIBUS**

Insulator and serial RS485 amplifier

The AMPLIBUS module allows to isolate and amplify the serial line RS485, doubling the maximum length of the serial line - Available serial lines: one serial on input and two serials on output of 600 m - Supplying tension : 13,8 Vdc - Max consumption: 30mA - Dimensions (LxH): 80 x 55 mm - Compatibility: serial lines of RS485 of AVS Electronics Systems

1122106   **PWOUT**

Power lines partitor

2 Vdc inputs and 5 outputs protected with fuses - Fuses control LED - Dimensions (LxH): 80 x 55 mm - Supplying tension: 13,8 Vdc 10mA - Compatibility: UNIVERSAL

1120110   **XMR 2**

2 Relais module

2 exchange relays - Connection: PLUG-IN/flat cable (not provided) - Dimensions (LxHxW): 30 x 45 x 20 mm - Compatibility: expansion modules XSAT2 and XSAT8

ACCESSORIES FOR CONTROL PANELS

SERIAL AMPLIFIER - POWER SUPPLY PARTITOR - RELAY MODULES

Code	Item - Features

1120103   **MR 4**

4 Relais module

4 exchange relays - Connection: terminal blocks/flat cable - Dimensions (LxHxD): 85 x 50 x 30 mm - Compatibility with all the control panels - **IMQ-INCERT EN 50131 Grade 2 CERTIFICATION**

1120104   **MR 8**

8 Relais module

8 exchange relays - Connection: terminal blocks/flat cable - Dimensions (LxHxD): 90 x 75 x 30 mm - Compatibility: UNIVERSAL - **IMQ-INCERT EN 50131 Grade 2 CERTIFICATION**

1134111   **MC01**

Analysis module for switch alarms

Analysis card for quick contacts, switch alarms and inertial sensors - Impulse control with trimmer switch - Dimensions (LxHxW): 45x35x15 mm - Compatibility: UNIVERSAL

PROGRAMMING SOFTWARE FOR AVS CONTROL PANELS

1104102   **XWIN**

Programming software for AVS control panels with Wizard Included

Features: XTREAM programming software - Local programming via USB/via PSTN line, with standard modem V.90 or GSM modem and TCP-IP and CLOUD - Real time supervision of the system with visualization of system status and diagnostic - Special features: allows the complete control of each configuration parameter, management of customers database, customize vocal messages - Allows updating of control panel firmware with direct connection to control panel via USB port - System data: Windows®, XP SP2®. VISTA®, Windows 7/8/10® - Compatible with modem: standard V.90 - Compatibility: CAPTURE / XTREAM/ RAPTOR

NOTE:® The marks and trade marks mentioned belong to their respective owners

REMOTE MANAGEMENT AND C.M.S. SOFTWARE

1104101   **WINREC**

Remote management and C.M.S. software

EVENT RECEPTION
Remote event reception with PSTN e TCP-IP connection - IP protocols : CONTACT ID IP, SIA IP - PSTN protocols: CONTACT ID, SIA, SIA HAYES, FAST UP-DOWN LOADING FUNCTION- Control panel software programming with modem XM40PLUS compatible with control panels CONCORDE, ADVANCE 88 - Compatibility modem: XM40 Plus - XM40 - XS40U

System data: Windows ® - XP SP2® - VISTA ® - Windows 7, Windows 8, Windows 10

1104123   **LIC-WINREC**

User licence to activate events reception on WINREC

Features: allows the activation of the events reception program included in WINREC software

PRODUCTS	XTREAM 6	XTREAM 32	XTREAM 64	XTREAM 640	RAPTOR R-RK-RT	RAPTOR R LC- RK LC	CAPTURE
KEYPADS							
A300 - A300 PLUS	•	•	•	•			
A600 EVO - A600 EVO PLUS	•	•	•	•	•		•
A500 - A500 PLUS - A500 CARBON	•	•	•	•	•		•
ICE - ICE BL	•	•	•	•	•		•
WIRELESS AND WIRED EXTENSION MODULE							
XEXP 8	•	•	•	•			
XSAT 2	•	•	•	•			
XSAT 8	•	•	•	•			
XSAT 36	•	•	•	•			•
XSAT MINI	•	•	•	•			•
XSAT HP MINI	•	•	•	•			•
XSAT HP	•	•	•	•			•
XSAT WS 4	•	•	•	•			•
C8					•		•
VOCAL MODULES							
XSINT	•	•	•				
PSTN / GSM MODULES							
XGSM - XGSM 4G	•	•	•	•			•
XGSM485 4G - XGSM485PRO 4G	•	•	•	•	•		•
RS485							
XSATPW 3/5/Q	•	•	•	•			•
POWER 3/5/Q	•	•	•	•			•
PWCPT					•		•
PWCPTM					•		•
PROXIMITY READERS							
RS	•	•	•	•			•
TOUCH	•	•	•	•			•
TOY L /LN	ICE/A500 PLUS/A600 EVO PLUS						
ICE/A500 PLUS/A600 EVO PLUS	•				•	•	•
TCP - IP MODULES - RS232 - WEB SERVER - MOBILE APP - GATEWAY							
EWEB PLUS	•	•	•	•			•
EWEB PLUS B					•		
EWEB WIFI II	•	•	•	•			•
EWEB WIFI II B					•		
XGATE	•	•	•	•	•		•
REMOTE MANAGEMENT AND C.M.S. SOFTWARE							
XM40PLUS (only for events receptions)	•	•	•	•	•	•	•
WINREC (only for events receptions)	•	•	•	•	•	•	•
XWIN	•	•	•	•	•	•	•
ELM-IT	•	•	•	•	•		•
LIC-ELMXLB	•	•	•	•	•		•
LIC-XGATE PLUS	•	•	•	•	•		•
LIC PLUGINGSC	•	•	•	•	•		•

ATTENTION: the list is indicative and it might change without notice.

For further information, please contact our technical support: **tel. +39 049 9698444 - mail: support@avselectronics.it**

COMPATIBILITY LIST

Is there no telephone line?
Choose **STARLINK 4G** and you
will have all the autonomy you need!

Polyvalent telephone dialer and interface with 4G technology, dual SIM, multilayer module, last generation micro card, self-restoring electronic protections.

Security, flexibility and communication quality at the highest levels!

Code	Item - Features

1170128   STARLINK 4G PRO

Telephone dialer and bidirectional interface over LTE / 4G networks

Communication protocols: voice and SMS messages - Sending and receiving of SMS messages - Connection: universal - Double SIM CARD – LTE/4G and 2G module - Speech synthesis: optional - DIGIVOC model with a digital library of over 300 pre-recorded and customizable words - USB port for direct connection with the PC and XWIN software - Sending of digital protocols over the TCP-IP data channel - CONTACT ID IP, SIA IP - Conversion of the CONTACT ID (PSTN) protocol with SMS to mobile numbers - Conversion of the CONTACT ID (PSTN) protocol with CONTACT ID IP (GPRS / LTE / 4G) to IP receivers - Simulation and control of PSTN line - 5 terminals that can be configured as inputs and 3 can be set as OC logic outputs – 1 input for sabotage - Power consumption: max 320mA - Dimensions of card (LxHxW): 75 x 121 x 25 mm - Compatibility: UNIVERSAL

TELEPHONE DIALER FUNCTION: with enabling of the DIGIVOC and sending of voice messages to a max of 8 telephone numbers

STARLINK 4G PRO

1170129   STARLINK 4G PRO B

Telephone dialer and bidirectional interface over LTE / 4G networks

Same features as the STARLINK 4G, with these differences: - Provided with metal container with antenna - Dimensions of container (LxHxW): 164 x 110 x 36 mm - Compatibility: Universal

STARLINK 4G PRO B

1107125   DIGIVOC

Speech synthesis for STARLINK 4

Speech synthesis: with a digital library of over 300 pre-recorded and personalisable words - Connection: PLUG-IN on card

DIGIVOC

1183108   CONT SX

Compact container for modules and PCB

Optional container for XSAT 2,XSAT 8, STARLINK 4G, XGSM 485 4G

CONT SX

1122102   CONT SAT W

Container for modules and PCB

ABS container for cards and modules - Dimensions of container (LxHxW): 210 x 210 x 70 mm - Compatibility: expansions XSAT 36, XGSM 485 4G and STARLINK 4G

CONT SAT W

1172108   KP5

GSM antenna extension cable

Length of extension cable: 5 m - Compatibility: XGSM 4G, XGSM, STARLINK 4G, XGSM 485 4G

KP5

GSM TELEPHONE DIALLERS

Design, technology and high reliability for your indoor security!

jet

Wide range of PIR & OT and dual technology indoor detectors, by a modern and elegant design, to grant high reliability, maximum detection quality and a total security.

jet

Code	Item - Features

1130133   JET PA

Passive infrared detector

Range: 15 m - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics - Mirror look down for anti-masking cover - Selectable line balancing elements 1-2, 2-4, 7-10 kohm - Selectable PET Immunity 0-12-24 kg - Thermal compensation - Alarm LED - Power supply and power consumption: 13.8 Vdc - 4 mA - Height of installation: max 2.70 m - Dimensions (LxHxW): 65 x 120 x 39 mm
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2 CLASS 2

1130134   JET DT

IR + MW dual technology detector

Range: 15 m. - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics - Mirror look down for anti-masking lens - Operation: AND, OR/SECURITY (IR integration) - Selectable line balancing elements 1-2, 2-4, 7-10 kohm - Selectable PET Immunity 0-12- 24 kg - Thermal compensation - Microwave frequency: 10.525 GHz - Alarm, infrared and microwave LED - Power supply and power consumption: 13.8 Vdc - 10 mA - Height of installation: max 2.70 m - Dimensions (LxHxW): 65 x 120 x 39 mm
CERTIFICATION: IMQ-INCERT EN 50131 Grade 2 CLASS 2

1130135   JET DT AM

IR + MW dual technology detector with antimasking

Range: 15 m. - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics - Mirror look down for anti-masking lens - ANTIMASKING with active IR- Operation: AND, OR/SECURITY (IR integration) - Selectable line balancing elements 1-2, 2-4, 7-10 kohm - Selectable PET Immunity 0-12-24 kg - Thermal compensation - Microwave frequency: 10.525 GHz - Alarm, infrared and microwave LED - Power supply and power consumption: 13.8 Vdc - 12 mA - Height of installation: max 2.70 m - Dimensions (LxHxW): 65 x 120 x 39 mm - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2 CLASS 2**

PET IMMUNITY

JET HP - RS485 DUAL TECHNOLOGY INDOOR DETECTORS

jethp

1130144   JET DT HP PLUS

Digital dual technology detector RS485 with antimasking

Dual tech PIR + microwave - Detection range: 15 mts - PET Immunity - Fresnel lens coverage: 90° with look down mirror - optional lens (mod. CLI) for curtain protection 15 mts on 5° - Connection: RS485 - Microwave function: ANTIMASKING and fail control - Active test function of PIR with fail signalling - Security function: automatic with IR or MW fail - Control and monitoring with oscilloscope function and parameters setting via XWIN software - Alarm setting: AND/OR/SECURITY - Microwave frequency: 10,525 GHz - Memory events with date/hour/temperature/IR and MW signals - Accelerometer for cover opening, wall removal, position changing - Aux input for anti-wall removal protection - Programmable LEDs - Power supply and power consumption: 13.8 Vdc - 51 mA max - Environmental condition: -20°C + 55°C - Dimensions (LxHxD): 65 x 120 x 39 mm

1130143   JET DT HP

Digital dual technology detector RS485

Dual tech PIR + microwave - Detection range: 15 meters - Fresnel lens coverage: 90° with look down mirror - PET Immunity - optional lens (mod. CLI) for curtain protection 15 mts on 5° - Connection: RS485 - Monitoring with oscilloscope function and parameters setting via XWIN software - Alarm setting: AND - Microwave frequency: 10,525 GHz - Aux input for anti-wall removal protection - Programmable LEDs - Power supply and power consumption: 13.8 Vdc - 49 mA max - Environmental condition: -25°C + 55°C - Dimensions (LxHxD): 65 x 120 x 39 mm

PET IMMUNITY

SPY M - INDOOR MICROWAVE DETECTORS

Code	Item - Features

1130116   **SPY M2**

Double microwave detector

ANTI-MASKING - Coverage: 12 mts 80° - Double microwave - AND setting - Frequency: 10,525 GHz and 24 GHz - Microwave block function when panel is disarmed - Consumption: 37 mA - Installation height: 1,9-2,2 mts - Dimensions (LxHxW): 61 x 110 x 46 mm

INDOOR DETECTORS ACCESSORIES

CLI

1130142   **CLI**

Curtain lens for JET detectors

Aspherical curtain lens with coverage of 15 m - 5°

1130136   **K21**

Wall and ceiling bracket for JET detectors

Wall and ceiling anti-tear protection - Internal cableway - Compatibility: JET range

1130137   **K21T**

Wall and ceiling bracket for JET detectors

Same functional features as model K21 T - without tamper

K21/K21T

1134109   **KB**

Wall bracket for detectors SPY/ONE/SPECTRUM

Same functional features as model KBT - with tamper

1134110   **KBT**

Wall bracket with tamper for detectors SPY/ONE/SPECTRUM

KB
KBT
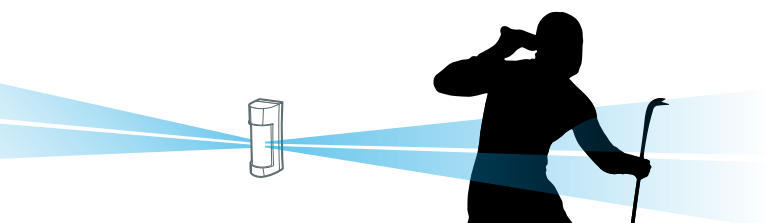
Wall removal protection - Internal cableway - Compatibility: SPY and ONE range

Where does your security start?

Expand security is our imperative in order to ensure an high level of safety for your living in welfare.

ONE - DIGITAL CURTAIN DETECTORS FOR OUTDOOR PROTECTION

ONE

Code	Item - Features

1132115 ONE DT

Outdoor dual technology curtain detector

Dual technology IR+MW 24Ghz with curtain coverage - Coverage of 12 m max with maximum opening of 2 m - Height of installation between 1.9 and 2.2 m - Dual ANTI-MASKING with ACTIVE IR and microwave - ACCELEROMETER device for anti-tear signalling function - Digital thermal compensation - PET Immunity with optical lens filter - Protection tamper device for signalling opening - Power supply: 13.8Vdc - Dimensions (WxLxH): 44 x 40 x 123 mm - Universal connection with relay outputs and OC logics - Fixing on wall with supports and 90° adapters provided as standard

Protection class: IP 54

1132116 ONE DT HP

Outdoor dual technology detector with RS485 Bus

Same features as the ONE DT model with: - RS485 Bus connection for XTREAM control panels - Advanced programming functions with XWIN software - Control and monitoring with oscilloscope function - Compatibility: CAPTURE, XTREAM, XSATHP

1132118 ONE PA

Outdoor infrared curtain detector

Passive infrared curtain sensor with Fresnel lens - Coverage of 8 m max with maximum opening of 1.8 m - Height of installation between 1.9 m and 2.2 m - ANTI MASKING function with ACTIVE IR - PET Immunity with optional lens filter - Anti-opening tamper device - Accelerometer device for anti-tear signalling function - Digital thermal compensation - Dimensions (WxLxH): 44 x 40 x 123 mm - Universal connection with relay outputs and OC logics

Protection class: IP 54

1132119 ONE PA HP

Outdoor infrared curtain detector with RS485 Bus

Same features as the ONE PA model with: - RS485 Bus connection for XTREAM control panels - Advanced programming functions with XWIN software - Control and monitoring with oscilloscope function - Compatibility: CAPTURE, XTREAM, XSATHP

SPECTRUM - DIGITAL DETECTORS FOR OUTDOOR PROTECTION

1132126 SPECTRUM DT AM

Outdoor triple technology detector with antimasking

Detection through double PIR and microwave 10.525 GHz - Detection range from 3 to 12 meters - Antimasking with active IR - Tamper through accelerometer - Light filter - Digital temperature compensation - Detection angle up to 100° - Orientation horizontal plane 180° - Installation height 1,2 meters with standard lens - 2,2 meters with SSL optional lens - PET Immunity - Block input for microwave switching off and relay alarm - Auxiliary input for tamper or alarm - Alarm output c/nc - Antimasking output c/nc - Tamper output c/nc - End of line resistors selectable for: alarm-tamper-antimasking (2,2 - 4,7 - 5,6 - 10 Kohm) - Walk test with led and buzzer activation - Power supply from 10.5 Vdc to 15 Vdc - Power consumption in hush 21mA - Power consumption in alarm 25 mA - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm

Protection class: IP 55

1132130 SPECTRUM PA WALL

Double side double Pir outdoor detector

SpectrumWall

Detection through double side (right + left) double PIR - Detection range from 3 to 12 meters per side - Tamper through accelerometer - Light filter - Digital temperature compensation - Detection angle up to 10° - Installation height 1,2 meters - PET Immunity - Block input for alarm relay - Auxiliary input for tamper or alarm - Alarm output /nc - Tamper output c/nc - End of line resistors selectable for: alarm-tamper-antimasking (2,2 - 4,7 - 5,6 - 10 Kohm) - Walk test with led and buzzer activation - Power supply from 10.5 Vdc to 15 Vdc - Power consumption in hush 21mA - Power consumption in alarm 25 mA - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm

Protection class: IP 55

SPECTRUM - DIGITAL DETECTORS FOR OUTDOOR PROTECTION

Code	Item - Features

1132135   SPECTRUM PA WALL AM

Double side double Pir outdoor detector with antimasking

Detection through double side (right + left) double PIR - Detection range from 3 to 12 meters per side - Anti-masking with active IR (left + right) - Tamper through accelerometer - Light filter - Digital temperature compensation - Detection angle up to 10° - Installation height 1,2 meters - PET Immunity - Block input for alarm relay - Auxiliary input for tamper or alarm - Alarm output /nc - Tamper output c/nc - End of line resistors selectable for: alarm-tamper-antimasking (2,2 - 4,7 - 5,6 - 10 Kohm) - Walk test with led and buzzer activation - Power supply from 10.5 Vdc a 15 Vdc - Power consumption in hush 21mA - Power consumption in alarm 25 mA - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm
Protection class: IP 55

ACCESSORIES FOR ONE AND SPECTRUM DETECTORS

OSC

1135113   OSC

Protection cap for detector ONE

Frontal cap for rain protection for detector ONE

SSC

1135110   SSC

Rain protection cap for Spectrum

Front cap to increase the protection against rain

1135111   SSD

Spacer for Spectrum

47 mm spacer, included by default for STD series

SSD

1135109   SSL

Optional lens for Spectrum

Optional lens to install SPECTRUM at 2,2 meters high - except wall series

1135112   STA

Antipulling tamper

Optional antipulling tamper when accelerometer disable

SSL

1134109   KB

Wall bracket for detectors SPY/ONE/SPECTRUM

Same functional features as model KBT - with tamper

KB
KBT

1134110   KBT

Wall bracket with tamper for detectors SPY/ONE/SPECTRUM

Wall removal protection - Internal cableway - Compatibility: SPY and ONE range

OUTSPIDER - DIGITAL DETECTOR FOR OUTDOOR PROTECTION

1132108   OUTSPIDER DT

Outdoor dual technology detector with antimasking

Dual passive infrared + dual MW channel - range from 15 to 23 m - Coverage from 5° to 90° m (optional lens included) - Anti-masking function with active infrared - PET Immunity - Frequency: 10,525 GHz - Consumption: 65-77 mA - Supplying: 13.8 Vdc - Protection tamper against cover opening - Protection tamper against removal from wall - Alarm relay at positive security - RS485 serial for communication to AVS systems - USB port of programming - walk test LED and buzzer - predisposition for location of a camera - Working temperature: - 25 C° + 55 C° - Dimensions (DxLxH): 135 x 140 x 240 mm
Protection class: IP 65

1132107   OUTSPIDER PA

Outdoor dual PIR detector with antimasking

Same features as the OUTSPIDER DT model with passive dual infrared detector

OutSpider

DIGITAL OUTDOOR PERIMETER PROTECTION

BM HP - DIGITAL MICROWAVE BARRIERS SUPPLY VOLTAGE 13,8 VDC

BM HP

BM 60 HP

BM 120 HP
BM 200 HP

Code	Item - Features

1141155   **BM 60 HP**

Digital outdoor microwave barrier 60 meters range

MW range: up to 60 meters - Separate outputs for alarm, disqualification and tamper - Additional input for outdoor detectors - RS485 connection to XTREAM and XSATHP - USB connection directly to PC - Complete management by PC via HPWIN software - Alarms memory - False alarm filter - Consumption: 130 mA (TX + RX) - Supplying: 13,8 Vdc - Dimensions (LxHxD): 111 x 152 x 196 mm - Housing: plastic box with inside calibration - **CERTIFICATION FCC**

1141156   **BM 120 HP**

Digital outdoor microwave barrier 120 meters range

Same as BM 60 HP with MW range up to 120 meters - Dimensions (LxHxD): 136 x 225 x 225 mm
CERTIFICATION FCC

1141157   **BM 200 HP**

Digital outdoor dual technology detector IR+MW 200 meters

Same as BM 120 HP with MW range up to 200 meters - Dimensions (LxHxD): 136 x 225 x 225 mm
CERTIFICATION FCC

BM HP - DIGITAL MICROWAVE BARRIERS SUPPLY VOLTAGE 220 VAC

BM   60 HP VAC
BM 120 HP VAC
BM 200 HP VAC

1141161   **BM 60 HP VAC**

Digital outdoor microwave barrier 60 meters range

MW range: up to 60 meters - Separate outputs for alarm, disqualification and tamper - Additional input for outdoor detectors - RS48S connection to XTREAM and XSATHP - USB connection directly to pc - Complete management by pc via HPWIN software - Alarms memory - False alarm filter - Consumption: 130 mA (TX + RX) - Supplying: 230 Vac, battery not included - Dimensions (LxHxD): 136 x 225 x 225 mm - Housing: plastic box with inside calibration - **CERTIFICATION FCC**

1141162   **BM 120 HP VAC**

Digital outdoor microwave barrier 120 meters range

Same as BM60HP VAC with MW range up to 120 meters -Dimensions (LxHxD): 136 x 225 x 225 mm
CERTIFICATION FCC

1141163   **BM 200 HP VAC**

Digital outdoor microwave barrier 200 meters range

Same as BM 120 HP VAC with MW range up to 120 meters - Dimensions (LxHxD): 136 x 225 x 225 mm
CERTIFICATION FCC

BM HP - DIGITAL MICROWAVE BARRIERS SUPPLY VOLTAGE 13,8 VDC - 24 GHZ

BM   60 HP 24G
BM 120 HP 24G

DISPONIBILE
24 GHz
AVAILABLE

1141174   **BM 60 HP 24G**

Digital outdoor microwave barrier 60 meters range - 24 GHz

MW range: up to 60 meters - Frequency 24 GHz - separate outputs for alarm, disqualification and tamper - Additional input for outdoor detectors - RS485 connection to XTREAM and XSATHP - USB connection directly to PC - Complete management by PC via HPWIN software - Alarms memory - False alarm filter - Consumption: 345 mA (TX + RX) - Supplying: 13,8 Vdc - Dimensions (LxHxD): 111 x 152 x 196 mm - Housing: plastic box with inside adjustment - **CERTIFICATION FCC**

1141175   **BM 120 HP 24G**

Digital outdoor microwave barrier 120 meters range - 24 GHz

Same as BM 60 HP with MW range up to 120 meters - Dimensions (LxHxD): 136 x 225 x 225 mm
CERTIFICATION FCC

BM HP - DIGITAL MICROWAVE BARRIERS SUPPLY VOLTAGE 220 VAC - 24 GHZ

BM   60 HP 24G VAC
BM 120 HP 24G VAC

DISPONIBILE
24 GHz
AVAILABLE

Code	Item - Features

1141176   **BM 60 HP 24G VAC**

Digital outdoor microwave barrier 60 meters range - 24 GHz

MW range: up to 60 meters - Frequency 24 GHz - Separate outputs for alarm, disqualification and tamper - Additional input for outdoor detectors - RS485 connection to XTREAM and XSATHP - USB connection directly to PC - Complete management by PC via HPWIN software - Alarms memory - False alarm filter - Consumption: 345 mA (TX + RX) - Supplying: 230 Vac , battery not included - Dimensions (LxHxD): 136 x 225 x 225 mm - Housing: plastic box with inside calibration

1141177   **BM 120 HP 24G VAC**

Digital outdoor microwave barrier 120 meters range - 24 GHz

Same as BM 60 HP VAC with MW range up to 120 meters - Dimensions (LxHxD): 136 x 225 x 225 mm

ACCESSORIES FOR DIGITAL OUTDOOR DETECTORS AND BM HP BARRIERS

1143118   **BATT BM HP VAC**

Battery for microwave barriers

Lead acid sealed battery 12 Vdc 0,8 A

1135105   **USB-OUT**

USB cable adapter

USB cable adapter for OUTSPIDER detector - Compatibility with OUTSPIDER range

1143113   **XOC8**

Outputs extension module

Outputs: 8 OC open collector - Connection: PLUG-IN - Consumption: 5mA - Dimensions: 58 x 35 x 25 mm (LxHxD) - Compatibility: XSATHP

1143112   **XSATHP**

Extension PCB for dgital detectors RS485 Bus

Inputs:4 balanced - Outputs: 8 OC open collector outputs + 8 via optional module XOC8 - Serials: I RS485 serial for connection to Xtream Control panel, 2 RS485 serials for connection of serial detectors - Serial peripherals : maxi 16 in stand-alone mode, max 32 in serial mode with Xtream Control panel - Telephone dialler: PSTN integrated, optional GSM mod.XGSM - Consumption: 250 Ma - Supplying: 13.8 Vdc - USB port of programming for connection toPC and HPWIN software - Dimensions of PCB: 230 x 140 x 25 mm (LxHxD) - Compatibility: Xtream Control panels or stand-alone (universal), OUTSPIDER, BM HP

1104111   **HPWIN**

Programming software for digital peripherals

Functions: program and configuration of control panel for OUTSPIDER and BM HP detectors - Local Programming via direct USB connection or remotely via PSTN telephone line with standard modem V.90 or GSM modem - Real time supervision, signals and diagnostic visualization - Special functions: it allows the configuration of any single parameter in programming, archive database, events memory download - Firmware upgrading with direct connection to peripheral via USB port - System data: Windows® XP SP2®, VISTA®,Windows 7/8/10® - Compatibility to modem: standard modem V.90 - Compatibility: XSATHP, OUTSPIDER, ONE HP JET HP, BM HP, BM 60 HP- NOTE: ® the above trademarks belong to their respective owners

GSM COMMUNICATION ACCESSORIES SEE PAG. 36

DIGITAL OUTDOOR PERIMETER PROTECTION

WING2 - INFRARED AND DUAL TECHNOLOGY DETECTORS

Code	Item - Features

1130119 **WING2**

Curtain infrared detector

Coverage: 4 m 70° curtain - Fresnel lens: 3 detection zones on 1 plane - Current consumption: 13 mA - Recommended for installation on windows, doors - Features: automatic temperature compensation - Dimensions (LxHxD): 35 x 110 x 31 mm

1130120 **WING2 B**

Curtain infrared detector

As above WING2 with brown colour

1130121 **WING2 DT**

Dual technology curtain detector PIR+MW

ACTIVE INFRARED ANTIMASKING PROTECTION coverage: 4 m. 70° - Curtain coverage - Active IR protection: from 5 to 8 cm - Fresnel lens: 3 detection zones on 1 plane - Functions: AND IR+MW - Current consumption: 38 mA - Recommended for installation on windows and doors - Features: automatic temperature compensation - Dimensions (LxHxD): 35 x 110 x 31 mm

WING2 PLUS

1130127 **WING2 PLUS**

Curtain infrared detector with door (window) opening

ACTIVE INFRARED ANTIMASKING PROTECTION - Coverage: 4 m. 70° - curtain - Active IR protection: from 5 to 8 cm - Fresnel lens: 3 detection zones on 1 plane - Outputs: 3 separate (IR+IR ACTIVE+ANTIMASK) - Current consumption: 38 mA - Recommended for installation on windows and doors - Features: automatic temperature compensation - Dimensions (LxHxD): 35 x 110x31 mm

SILVER - PERIMETRAL PROTECTION ACTIVE INFRARED FOR DOORS/WINDOWS AND PAIR OF FLUSH MOUNTING GUIDE-RAIL

1140116 **SBH 50**

Slim active infrared barrier 2 beams

Beams: 2 - Detection range: max 6 mts - Current consumption: 40 Ma - Recommended for installation on windows and doors - Functions: AND /single beam/anti-creep - Dimensions (LxHxD): 529 x 28 x 21 mm

1140100 **SBH 100**

Slim active infrared barrier 4 beams

Beams: 4 - Detection range: max 6 mts - Current consumption: 50 mA - Recommended for installation on windows and doors - Functions: AND/single beam/anti-creep - Dimensions (LxHxD): 999 x 28 x 21 mm

1140104 **SBH 150**

Slim active infrared barrier 6 beams

Beams: 6 - Detection range: max 6 mts - Current consumption: 50 mA - Recommended for installation on windows and doors - Functions: AND/single beam/anti-creep - Dimensions (LxHxD): 1469 x 28 x 21 mm

1140110 **SBH 200**

Slim active infrared barrier 8 beams

Beams: 8 - Detection range: max 6 mts - Current consumption: 51 mA - Recommended for installation on windows and doors - Functions: AND/single beam/ anti-creep - Dimensions (LxHxD): 1939 x 28 x 21 mm

1145113 **FX 50**

Pair of flush mounting guide-rail for Silver

Compatible with SBH 50

1145103 **FX 100**

Compatible with SBH 100

1145105 **FX 150**

Compatible with SBH 150

1145107 **FX 200**

Compatible with SBH 200

OUTDOOR PERIMETER PROTECTION

AVS Electronics - *Products catalogue:* February 2020 v1

BM60 M

BM120 M
BM200 M

Code	Item - Features
1141147	**BM 60 M**

Microwave barrier 60 meters range

Detection range MW: up to 60 mts - Modulation frequencies: 5 selectable by DIP - Supply voltage: 13,8 Vdc - Current consumption tx + rx: 100 Ma - Dimensions (LxHxD): 111x I52x 196 mm - Housing: ABS with internal inclination adjustment
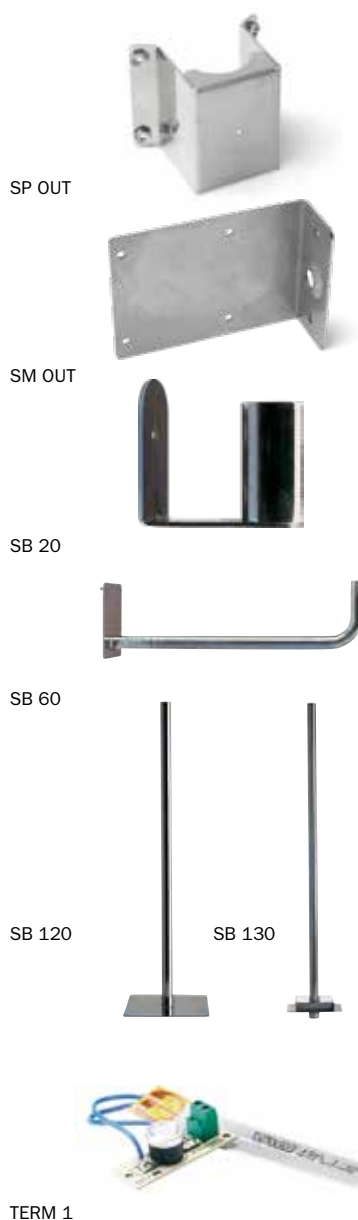
1141100	**BM 120 M**

Microwave barrier 120 meters range

Detection range MW: up to 120 mts - Modulation frequencies: 5 selectable by DIP - Supply voltage: 13,8 Vdc - Current consumption tx + rx: 100 Ma - Dimensions (LxHxD): 136 x 225 x 225 mm - Housing:ABS with internai inclination adjustment

1141113	**BM 200 M**

Microwave barrier 200 meters range

Detection range MW: up to 200 mts - Modulation frequencies: 5 selectable by DIP - Supply voltage: 13,8 Vdc - Current consumption tx + rx: 100 mA - Dimensions (LxHxD): 136 x 225 x 225 mm - Housing: ABS with internai inclination adjustment

SP OUT

SM OUT

SB 20

SB 60

SB 120   SB 130

TERM 1

1135101	**KIT SP**

Inox bracket for pole mounting Spectrum

2 pieces - Pole diameter: 40 mm - Compatibility with SPECTRUM

1135106	**SP-OUT**

Pole mounting bracket for Outspider

Pole diameter : 40 mm - Compatibility: OUTSPIDER range

1135107	**SM-OUT**

Bracket for wall 90° mounting Outspider

Support in steel at 90° - Compatibility: OUTSPIDER range

1135108	**ST-OUT**

Bracket for pipe PLUG-IN Outspider

Support in steel with pipe PLUG-IN - Compatibility: OUTSPIDER range

1143107	**SB 20**

Wall bracket 20 cm

Cold galvanizing - Compatibility with: BM M, BM HP

1143108	**SB 60**

Wall bracket 60 cm

Cold galvanizing - Compatibility with: BM M, BM HP

1143105	**SB 120**

Floor standing pole 120 cm

Cold galvanizing - Compatibility with: BM M, BM HP

1143106	**SB 130**

Buried pole 130 cm

Cold galvanizing - Compatibility with: BM M, BM HP

1143102	**TERM 1**

Heating kit

1 piece - Compatibility with: BM M, BM HP

ANALOG OUTDOOR PERIMETER PROTECTION

BRACKETS AND POLES FOR OUTDOOR BARRIERS

AMP

Code	Item - Features

1143100	**AMP**
	Anti-removal kit

1 piece - Compatibility with: BM M, BM HP

BR 100

1144105	**BR100**
	Metal housing for remote control PCB

Connection: Serial Bus RS485 and relay contact - Up to 4 units, BM M, BFI00R, BFI00A - Compatibility with max 4 modules LCDW

LCDW

1122104	**LCD W**
	Led/Display signal indicator

Signal level measurement electronic BM M - Compatibility with BR 100

As the legendary "sirens", ours are beautiful and powerful.

Robust materials, a prestigious design and LED lights digital technology, make AVS sirens a reliable products that fit harmoniously and lasting, in our buildings.

Code	Item - Features

1160100   **TS 22**

Indoor siren

Sound level: 2 - Power supply: 12 Vdc - Colour white - Current consumption: adjustable (200 - 600 mA) - Dimensions (LxHxD): 150 x 110 x 50 mm

1160102   **TS 22 LST**

Loud speaker

Colour white - Dimensions (LxHxD): 150 x 10 x 50 mm

TS 22

CITY LED RANGE - OUTDOOR SELF-POWERED SIRENS

1161140   **CITY LED**

Outdoor LED siren - Ivory Abs

1 x alarm LED - 1 x red system status LED - Tamper device: anti-opening and anti-removal - Sound power level: 105 dB at 3 m. - Function for disabling initial start-up alarm - Function for limiting the number of alarms to 5 in 24H - Zinc-plated internal protection cover - Container: ABS, Ivory Classic look finishing - Dimensions (HxLxW): 255 x 200 x 80 mm - Power consumption: max 2.5 A in alarm mode, 100 mA with limiter - Power supply: 13.8 Vdc and 12 Vdc 2.1 A battery

1161128   **CITY LED PLUS**

Outdoor Led siren - Ivory Abs

1 x alarm LED - 1 x red system status LED - 1 x programmable green LED - Tamper device: mechanical anti-opening and anti-removal - Accelerometer for tamper, temperature and perforation alarm signalling function - Sound power level: 105 dB at 3m. - 8 selectable tones - Volume control - Siren stopping control - Function for disabling initial start-up alarm - Function for limiting the number of alarms to 5 in 24H - Zinc-plated internal protection cover - Container: ABS, Ivory Classic look finishing - Dimensions (HxLxW): 255 x 200 x 80 mm - Power consumption: max 2.5 A in alarm mode, 100 mA with current limiter - Power supply: 13.8 Vdc and 12 Vdc 2.1 A battery
CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4

CITY LED

CITY LED RANGE - OUTDOOR SELF-POWERED SIRENS WITH RS485 BUS

1161129   **CITY LED HP**

Outdoor Led siren on RS485 Bus - Ivory Abs

1 x alarm LED - 1 x red system status LED - 1 x programmable green LED - Tamper device: mechanical anti-opening and anti-removal - Accelerometer for tamper, temperature and perforation alarm signalling function - Sound power level: 105 dB at 3m. - 8 selectable tones - Volume control - Siren stopping control - Function for disabling initial start-up alarm - Function for limiting the number of alarms to 5 in 24H - Zinc-plated internal protection cover - Container: ABS, Ivory Classic look finishing - Dimensions (HxLxW): 255 x 200 x 80 mm - Power consumption: max 2.5 A in alarm mode, 100 mA with current limiter - Power supply: 13.8 Vdc and 12 Vdc 2.1 A battery - Compatibility and connection: RS485 serial Bus, Xtream control unit
CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4

NOTE: COLOR RANGE AT PAGE 62

ALARM SIRENS

Code	Item - Features

1161132 TS 85P LED PLUS

Outdoor Led siren - Ivory Abs

1 x alarm LED - 1 x red system status LED - 1 x programmable green LED - Tamper device: mechanical anti-opening and anti-removal - Accelerometer for tamper, temperature and perforation alarm signalling function - Sound power level: 105 dB at 3m. - 8 selectable tones - Volume control - Siren stopping control - Function for disabling initial start-up alarm - Function for limiting the number of alarms to 5 in 24H - Zinc-plated internal protection cover - Container: base and cover in ABS, second internal cover in painted steel, Ivory Classic look finishing - Dimensions (HxLxW): 290 x 235 x 110 mm - Power consumption: max 2.5 A in alarm mode, 100 mA with current limiter - Power supply: 13.8 Vdc and 12 Vdc 2.1 A battery
CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4

1161134 TS 85V LED PLUS

Outdoor Led siren - Ivory Metal

Same features as the TS85 P LED PLUS with: - Container: base in ABS, external cover in Ivory look painted steel and second internal cover in painted steel, Ivory Classic look finishing
CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4

TS85P LED PLUS

1161136 TS 85X LED PLUS

Outdoor Led siren - Stainless Steel

Same features as the TS85 P LED PLUS with: - Container: base in ABS, external cover and second internal cover in painted steel, Stainless Steel look finishing
CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4

1161133 TS 85P LED HP

Outdoor Led siren on RS485 Bus - Ivory Abs

1 x alarm LED - 1 x red system status LED - 1 x programmable green LED - Tamper device: mechanical anti-opening and anti-removal - Accelerometer for tamper, temperature and perforation alarm signalling function - Sound power level: 105 dB at 3m. - 8 selectable tones - Volume control - Siren stopping control - Function for disabling initial start- up alarm - Function for limiting the number of alarms to 5 in 24H - Zinc-plated internal protection cover - Container: base and cover in ABS, second internal cover in painted steel, Ivory Classic look finishing - Dimensions (HxLxW): 290 x 235 x 110 mm - Power consumption: max 2.5 A in alarm mode, 100 mA with current limiter - Power supply: 13.8 Vdc and 12 Vdc 2.1 A battery - Compatibility and connection: RS485 serial Bus, Xtream control unit
CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4

1161135 TS 85V LED HP

Outdoor Led siren on RS485 Bus - Ivory Metal

Container: base in ABS, external cover in Ivory look painted steel and second internal cover in painted steel, Ivory Classic look finishing
CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4

TS85X LED PLUS

1161137 TS 85X LED HP

Outdoor Led siren on RS485 Bus - Stainless Steel

Container: base in ABS, external cover and second internal cover in painted steel, Stainless Steel look finishing - **CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4**

NOTE: COLOR RANGE AT PAGE 62

ALARM SIRENS

CITY LED - COLOR RANGE

	LED SELF-POWERED OUTDOOR SIREN INOX LOOK ABS	**CITY X LED** 1161141	**CITY X LED PLUS** 1161130	**CITY X LED HP** 1161131
	LED SELF-POWERED OUTDOOR SIREN CARBON LOOK ABS	**CITY CARBON LED** 1161142	**CITY CARBON LED PLUS** 1161143	**CITY CARBON LED HP** 1161144
	LED SELF-POWERED OUTDOOR SIREN COPPER LOOK ABS	**CITY C LED** 1161147	**CITY C LED PLUS** 1161149	**CITY C LED HP** 1161151
	LED SELF-POWERED OUTDOOR SIREN BRONZE LOOK ABS	**CITY B LED** 1161146	**CITY B LED PLUS** 1161148	**CITY B LED HP** 1161150

TS85 LED - COLOR RANGE

	LED SELF-POWERED OUTDOOR SIREN COPPER LOOK ABS	**TS85P C LED PLUS** 1161153	**TS85P C LED HP** 1161155
	LED SELF-POWERED OUTDOOR SIREN BRONZE LOOK ABS	**TS85P B LED PLUS** 1161152	**TS85P B LED HP** 1161154

CUSTOMIZE YOUR NEW SIREN WITH THE COLORS YOU WANT. PRICE AND QUANTITIES ON REQUEST.

Code	Item - Features
1184166	**BOX CITY LED/PLUS/HP**
	Box CITY LED - Ivory look ABS
1184167	**BOX CITY X LED/PLUS/HP**
	Box CITY X LED - Inox look ABS
1184159	**BOX CITY CARBON**
	Box CITY CARBON LED - Carbon look ABS
1184176	**BOX CITY C**
	Box CITY C LED - Copper look ABS
1184175	**BOX CITY B**
	Box CITY B LED - Bronze look ABS
1184168	**BOX TS85P LED/HP**
	Box TS 85P LED PLUS - Ivory look ABS
1184169	**BOX TS85V LED/HP**
	Box TS 85V LED PLUS - Ivory look metal
1184170	**BOX TS85X LED/HP**
	Box TS 85X LED PLUS - Stainless Steel
1184178	**BOX TS 85P C**
	Box TS 85P C LED - Copper look ABS
1184177	**BOX TS 85P B**
	Box TS 85P B LED - Bronze look ABS

ALARM SIRENS

ACCESSORIES AND SPARE PARTS FOR SIRENS

CF SIREN FLASH COVER WITH DIFFERENT TRANSPARENT COLOURS

Code	Item - Features

9088101 S85

Optical anti-foam module for Led/Plus sirens

Optical anti-foam detector with dual active infrared - PLUG-IN connection on the circuit of the sirens CITY LED PLUS, TS85 LED P/V/X PLUS and HP SERIES

1184161 CFB

Light blue cover flash

Flash cover with transparent finishing - Compatibility with CITY LED and TS85 LED range

1184147 CFO

Orange flash cover

Flash cover with light blue finishing - Compatibility with CITY LED and TS85 LED range

1184172 CFR

Red flash cover

Siren flash cover with orange finishing - Compatibility with CITY LED and TS85 LED range

1184160 CFT

Transparent flash cover

Siren flash cover with red finishing - Compatibility with CITY LED and TS85 LED range

1165141 MOD CITY LED

Spare electronic module for CITY LED siren

Compatibility: CITY LED

1165140 MOD TS85 LED

Spare electronic module for CITY/TS85 LED PLUS

Compatibility: CITY LED PLUS, TS85 LED PLUS

1165142 MOD SIR HP

Spare electronic module for CITY HP and TS85 HP siren

Compatibility: CITY LED HP, TS85 LED HP

1184162 COS LED

Loud speaker for LED range sirens

Electromagnetic loud speaker, sound power level 105 dB at 3m - Compatibility with CITY LED and TS85 LED / PLUS / HP sirens

1184113 TAMPER CITY LED

Spare tamper

Compatibility: CITY LED

1184157 TAMPER CITY LED PLUS/HP

Spare tamper

Compatibility: CITY LED PLUS /HP

1184158 TAMPER TS85 LED/HP

Spare tamper

Compatibility: TS 85 LED /HP

ACTIVE IR FIRE BEAM
BF100

OPTICAL SMOKE BARRIER

BF100 A

BF100 R   BFS

BF TEST

Code	Item - Features
1142101	**BF 100 A**

Optical smoke barrier

Detection range: max 100 mts - Functions: active infrared (TX + RX) - Features: microprocessor with serial RS485 output - Visualization: LCDW module (included) + 3 leds - Relay outputs: alarm, fault (separate) - Current consumption: 90 mA (TX+RX) - Dimensions (LxHxD): 159 x 211 x 96 mm
CERTIFICATION: VdS EN54-I2, 0786 CPD 20924

1142105	**BF 100 R**

Reflecting smoke barrier

Detection range: up to 70 mts with included reflecting panel - Max detection range : 100 mts with BFS kit - Function: active infrared - Features: microprocessor with serial RS485 output - Visualization: LCDW module (included) + 3 leds - Relay outputs: alarm, fault (separate) - Current consumption: 85 Ma - Dimensions (LxHxD): 159 x 211 x 96 mm
CERTIFICATION: VdS G2080I5, EN.54-12,0786 - CPD - 20627

1144101	**BFS**

Additional reflecting kit

Functions: improves the detection range up/to 100 mts - Compatibility with BF 100R

1144105	**BR100**

Metal housing for remote control PCB

Connection: Serial Bus RS485 - Up to 4 units, BM M, BF 100R, BF 100A - Compatibility with max 4 modules LCDW

1144104	**BF TEST**

Filter testing kit for BF I00A/R

Functions: necessary for installation testing - Compatibility with: BF 100R - BF 100A

MIN 5 - MAX 100 mt

EXAMPLE OF APPLICATION BF100 R

MIN 5 - MAX 100 mt

EXAMPLE OF APPLICATION BF100 A

VdS

NO TOXIC

NO SMELL

NO WASTE
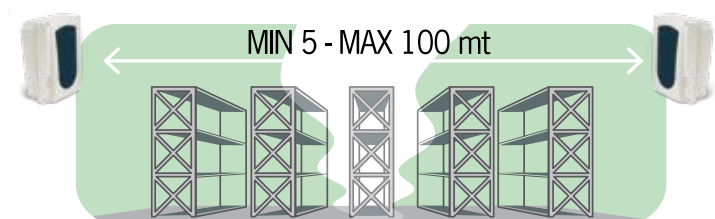
Foggy

And if "fog" became finally the solution?

Many thefts or robberies are carried in just a few minutes, time that elapses exactly between the signaling and the arrival of the police. Foggy with its security fog, disorients the thief and prevents that the burglar happens, blocking this "time" of possible attack.

FOG GENERATOR

Foggy 30

Code	Item - Features

1176113   FOGGY 30W

Fogging protection system, ideal for areas of about 100 m²

Coverage volumes: 10" activation: 100 m³ / 20" activation: 200 m³ / 60" activation: 300 m³ 60" of pulsed activation: until 1900 m3 - Tank capacity 1 liter - Number of activations: 50 activations of 10" each - 16 activations of 360" each - Special function by optional module: wireless anti-robbery - Nozzles available: 1 at 90° curtain with one jet (series)/3 with different angles and deliveries (optional) - Supplying 220 Vac - Consumption during heating 600 Watt - Maintenance consumption 60 / 120 Watt - Back-up battery Yes 2 x 12 Vdc 1,2Ah - Initial heating time 12 minutes - Heating time after an activation: max 3 minutes - Functioning during mains 220 Vac absence: max 1 hour - Dimensions (LxHxD): 358 x 264 x 166 mm - Weight: 15 Kg. - Status indication by led and display - Inputs for system arming: according to alarm system ON/OFF - First stage: pre-alarm – second stage: alarm – jet activation - Indication outputs: Delivery on – Tampering, liquid level, technical trouble, mains absence, battery level, damaged battery, pump malfunctioning, PCB temperature, heater temperature - Output 12 Vdc - System cabling universal standards with outputs at free exchange - Serial RS485 dedicated to AVS Electronics Systems - Events memory 1000 events - System diagnosis: Via USB connection on the control PCB with GSM remote connection by optional PCB XGSM - Firmware updating via PC with dedicated software – Metal housing white color
IMQ APPROVAL – EN 50131-8
SUPPLIED with FULL TANK AND SINGLE-JET 90° NOZZLE

1176114   FOGGY 30G

Fogging protection system, ideal for areas of about 100 m²

Same features as Foggy 30W with grey box

1176115   FOGGY 30A

Fogging protection system, ideal for areas of about 100 m²

Same features as Foggy 30W with anthracite-grey box

Foggy 50

1176100   FOGGY 50W

Fogging protection system, ideal for areas of about 250 m²

Foggy, in addition to an intrusion system, completes the efficiency of the detection by an "active" protection of the site. The generated fog creates a natural disorientation, preventing the thieves to complete the burglary. Coverage volumes: 20" activation: 200 m³ / 40" activation: 400 m³ / 60" activation: 600 m³ 60" of pulsed activation: until 1900 m3 - Tank capacity 1,5 liter - Number of activations: 45 activations of 20" each - 15 activations of 60" each - Special function by optional module: wireless anti-robbery - Nozzles available: 1 at 90° curtain with one jet (series) /3 with different angles and deliveries (optional) - Supplying 220 Vac - Consumption during heating 1000 Watt - Maintenance consumption 60 Watt - Back-up battery Yes 2x 12 Vdc 1,2Ah - Initial heating time 20 minutes - Heating time after an activation: max 5 minutes - Functioning during mains 220 Vac absence: max 3 hours - Dimensions (LxHxD): 480 x 353 x 166 mm - Weight 22 kilos - Status indication by led and display - Inputs for system arming: according to alarm system On/Off - First stage: pre-alarm – second stage: alarm – jet activation - Indication outputs: Delivery on – Tampering, liquid level, technical trouble, mains absence, battery level, damaged battery, pump malfunctioning, PCB temperature, heater temperature -Output 12 Vdc - System cabling universal standards with outputs at free exchange - Serial RS485 dedicated to AVS Electronics systems - Events memory 1000 events - System diagnosis: Via USB connection on the control PCB with GSM remote connection by optional PCB XGSM - Firmware updating via PC with dedicated software – Metal housing white color - **IMQ APPROVAL – EN 50131-8**
SUPPLIED with FULL TANK AND SINGLE-JET 90° NOZZLE

1176101   FOGGY 50G

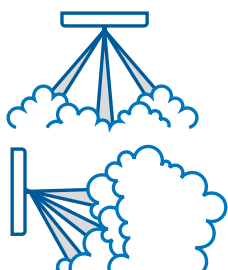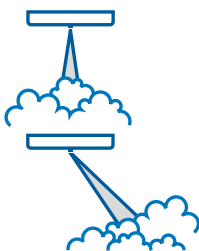**Fogging protection system, ideal for areas of about 250 m²**

Same features as Foggy 50W with grey box

1176102   FOGGY 50A

Fogging protection system, ideal for areas of about 250 m²

Same features as Foggy 50W with anthracite-grey box

ER 160

PRL10

RIC 15
RIC 10

LBL

FDEMO 30

Code	Item - Features

1176103 ER160

Single-jets nozzle opening at 60°

It makes a single jet with 60° inclination. Recommended for ceiling installation

1176105 ER360

Three-jets nozzle opening at 60°

It makes three single jets with 60° inclination. Recommended for wall installation

1176104 ER390

Three-jets nozzle opening at 90°

It makes three single jets for a better opening to fog delivery. Recommended for ceiling installation

1176106 PRL10

Foggy 10 cm extension for nozzle

Use: it allows to extension the nozzle of 10 cm. Recommended for installation between ceiling and countertop

1176112 KEY ER

Socket wrench for nozzle

Socket wrench for an easy nozzle remove

1176107 SRB15

Additional tank 1,5 Liters

Steel tank: allows the recharge of 1,5 liters liquid. Sensor of liquid level managed by microprocessor with indication of low liquid level. **SUPPLIED FULL OF FOGGING LIQUID**

1176116 SRB10

Additional tank 1 Liters

Steel tank: allows the recharge of 1 liters liquid. Sensor of liquid level managed by microprocessor with indication of low liquid level. **SUPPLIED FULL OF FOGGING LIQUID**

1176111 RIC15

Recharge of fogging liquid 1,5 Liters

Tank recharge of 1,5 liter of fogging liquid. Return empty tank managed, memory reset of liquid level

1176117 RIC10

Recharge of fogging liquid 1 Liters

Tank recharge of 1 liter of fogging liquid. Return empty tank managed, memory reset of liquid level

1176109 LBL

Label indicating "Protected Area"

Adhesive label to stick near the protected area to show and warn about lack of visibility caused by the activation of the system

1176108 LFT

Pulley Kit for installation to the ceiling

Use: suggested to lift FOGGY when installed between ceiling and countertop

1104112 FWIN

Software

PC software for local programming via USB port or via GSM connection with XGSM optional module - Real time control and diagnostic, temperature and liquid level control – Special functions: GSM module set-up, memory events, firmware update - System data: Windows ® XP SP2 ®, VISTA®,Windows 7/8/10 ® - Compatibility to modem: standard modem V.90 - Compatibility: XSATHP, OUTSPIDER, BM HP, BM 60 HP - NOTE: ® the above trademarks belong to their respective owners

1176110 FDEMO

Foggy 50 System - demonstration kit

1176118 FDEMO30

Foggy 30 System - demonstration kit

CODICE	PRODUCT	FEATURES	PAG
1111100	A300	Compact LCD keypad with white cover	34
1111101	A300 PLUS	Compact LCD keypad with grey cover	34
1111119	A500	Smart LCD keypad - white color	34
1111126	A500 CARBON	Smart LCD keypad - carbon look	34
1111127	A500 CARBON PLUS	Smart LCD keypad with audio and NFC Ready - carbon look	34
1111120	A500 PLUS	Smart LCD keypad with audio and NFC Ready -white color	34
1113105	A500 PLUS WS 4 C	Bi-directional LCD wireless keypad, with advanced functions, carbon look	12
1113104	A500 PLUS WS4	Bi-directional LCD wireless keypad, with advanced functions, white colour	12
1113101	A500 WS 4 C	Bi-directional LCD wireless keypad, carbon look	12
1113100	A500 WS4	Bi-directional LCD wireless keypad, white colour	12
1111109	A600 EVO	Compact LCD keypad	34
1111110	A600 EVO PLUS	Advanced LCD keypad with audio and proximity reader TOUCH/NFC	34
1164110	ALCITYWS 4	Power supply unit for wireless bidirectional siren	20
1143100	AMP	Anti-removal kit	58
1143116	AMPLIBUS	Insulator and serial RS485 amplifier	43
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1 INTRODUCTION

Present general sales conditions apply entirely to any order with the exception of written different conditions. In case of disagreement the general sales conditions prevail on the purchase conditions of the customer. The suppliers reserves the right to bring the products possible esthetical/functional modifications in size and structure due to technical reasons, without prior notice.

2 PRICES

The prices shown can be varied to the customers without prior notice, whenever the costs of the Supplier/Manufacturer increased as a consequence of the relation with foreign currency and/or for any other reason. The last price-list issued is intended as in force and will replace the previous ones. Prices do not include VAT, transport costs and other accessories.

3 PAYMENT CONDITIONS

Except where otherwise written, the payment must be done directly at Supplier premises according to the form and conditions agreed. In case of delayed payment , the interests will be calculated as provided and regulated by art. 3,4,5 and 6 of the Law by Decree D.lgs. n.231/02. In this case the Supplier will have the right to stop the deliveries, to suspend immediately and without any formality the deliveries concerning all open orders of the customer even if depending on other contracts, to issue a draft for the amount of the invoices due and to demand immediate and entire payment of the credit or to have a guaranty for it. As per the terms and effects of the art. 1462 of the Civil Law, any possible dispute of one or more lots of goods do not authorize the customer to suspend the payment.

4 CANCELLATION OF THE SUPPLYING CONTRACT

Whenever protests of cheques or bills are served on the Purchaser or the Purchaser is subject to executive procedures of any type or to complicity proceedings (assignment of properties to creditors or bankrupts) the supplying agreement is intended as cancelled by default, and the Supplier will anyway have right to the payment of the goods provided.

5 CARRIAGE

The goods are delivered carriage forward from the warehouse of the Supplier , via Valsugana 63, 35010 Curtarolo (Pd) Italy

6 DELIVERY TERMS

The contract delivery terms are indicative and thus conditioned by either the production possibility of the Supplier and events of "force majeure" such as strike of the personnel of the Supplier, of the Manufacturers, of the Authorities, of the Forwarders or due to natural calamities etc. In no case direct or indirect damages due to delayed delivery can be on charge of the Supplier. Delay in delivery does not authorize the Purchaser to cancel the contract partially or totally. In case the Purchaser needs a goods delivery within a certain date, the Supplier reserves the right to accept or refuse the order. In this case, the term of delivery is intended as satisfied when the goods are delivered to the Forwarder or Transport Company.

7 SHIPMENT

The goods travel on account and complete risk of the Purchaser, even if the Forwarder has been chosen by the Supplier. Even if, as an exception, the transport has been agreed as paid, the goods always travel on the account and complete risk of the Purchaser. Claims concerning the goods supplied must become to the Supplier in written form within 15 days form the arrival of the goods and anyway within 30 days from the shipment from the Supplier warehouse, otherwise the claim will decade.

8. WARRANTY

The Supplier grants the products from manufacturing hidden defects for a period of 36 months since the date of delivery to the Purchaser, with the exception of GSM products, IP modules, switching power supply units, that are covered for a period of 24 months, since the date of delivery to the Purchaser. The warranty does not cover batteries and the products resulting to be tampered, repaired by third parties or used not in conformity to the use conditions provided for. The products questioned, resulting defective according the unobjectionable judgment of the Supplier, will be repaired or replaced with no responsibility for the Supplier for any damage of any nature possibly suffered by the customer for this reason. The claims will have to reach the Supplier according to warranty conditions, in written form, indicating the assumed defective fond on the product. The warranty is given exclusively at the company address of the Supplier -via Valsugana 63 - 35010 Curtarolo (Pd) Italy. The deliveries of the products sent to the Supplier according to this Warranty as well as any additional cost for packaging or for accessories are at the charge of the Purchaser and the goods travel in conformity of the previous paragraph n. 7.

9 RESPONSIBILITY TOWARDS THIRD PARTIES

The Purchaser - by the order - takes the responsibility of respecting the law norms and the security norms concerning the products supplied, as well as the engagement of being aware of all Law limitations.

10 PURSUANCE OF THE LAW

As per the terms and effects of the Law by Decree D.lgs 06.09.2005 n. 206 (Consumer Law) the contract subject to present General Conditions is not subject to the decrees provided for, in the above mentioned norms, being the contractors physical or juridical people acting in the exercise of their commercial, artisanal or professional activity or as intermediate.

February 2020

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