

**2022**

**Products Catalogue**  
**Burglar Alarm**  
**Home Automation**  
**Video Verification**





<b>AVS and RIELLO Group</b>	4	
<b>The AVS System</b>	6	
<b>MYAVS Domotics</b>	8	
	Wireless home automation modules	10
	Accessories for wireless home automation modules	11
<b>RAPTOR control panels</b>	12	
<b>Wireless devices for RAPTOR</b>	Wireless remote controls and keypads	18
	IP BOARD and communication modules	19
	Wireless video verification	20
	Wireless detectors, transmitters, contacts	22
	Indoor detector accessories	25
	Wireless outdoor detectors	26
	Wireless external sirens	28
	Mobile application & programming software	29
	Outdoor detector accessories	30
	Spareparts batteries for wireless products	31
<b>MYAVSALARM APP</b>	32	
<b>CAPTURE control panels</b>	34	
<b>XTREAM multifunctional control panels</b>	38	
<b>ACCESSORIES for XTREAM</b>	Keypads, proximity keys and badges	42
	GSM communication modules	44
	Vocal message modules	44
	Power supply units	45
	Wired and wireless zone expansion modules	45
	XTREAM - CAPTURE video verification	47
	Gateway modules for building automation	48
	Supervised power supply units	50
	Power supply units - spare parts	50
	Boxes for extension modules	50
	Serial amplifier, power supplier partitor, relay modules	51
<b>Programming software</b>	52	
<b>Compatibility chart for control panels &amp; accessories</b>	53	
<b>Telephone interfaces - STARLINK 4G</b>	54	
<b>Indoor detectors, transmitters, contacts</b>	JET - PIR & OT - dual technology	56
	JET - PIR & OT - dual technology RS 485	56
	JET PA 360 - PIR ceiling detector	58
	JET DT 360 - PIR + MV ceiling dual tech detector	58
	SPY M2 - double microwave detector	58
	Indoor detector accessories	58
<b>Outdoor perimeter protection</b>	WING2	64
	ONE DT - IR dual technology	60
	ONE PA - IR dual technology RS 485	60
	SPECTRUM DT - outdoor triple technology	60
	SPECTRUM WALL - double side double PIR	60
	Accessories for ONE and SPECTRUM detectors	61
	OUTSPIDER DT - dual technology	61
	OUTSPIDER PA - dual technology - PIR	61
	BM - digital microwave barriers	62
	BM - analog microwave barriers	64
	Brackets and poles for outdoor barriers	65
<b>Indoor sirens TS 22</b>	68	
<b>Outdoor self-powered sirens - range CITY LED</b>	68	
<b>Outdoor self-powered sirens - range CITY LED with RS 485 BUS</b>	68	
<b>Outdoor self-powered sirens - range TS 85 LED</b>	69	
<b>Outdoor self-powered sirens - range TS 85 LED with RS 485 BUS</b>	69	
<b>Optical smoke barriers</b>	74	
<b>Fog generator - FOGGY &amp; accessories</b>	75	
<b>SANY SAFE - The solution for the environmental sanitization</b>	78	



HEADQUARTER



INTERNATIONAL GROUP



HELP DESK



INNOVATION & TECHNOLOGY



TRAINING



QUALITY



**RIELLO GROUP.** Since 2003 AVS ELECTRONICS is 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.

# For more than **45 years**, a leader in the electronic security market!



R&D - MADE IN ITALY

**MADE IN ITALY**

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, wired & wireless, technologically advanced, unique, reliable and 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 themselves in the Italian and International markets, remaining faithful to their roots, expression of an entrepreneurial tradition anchored in the territory.

## **PRODUCTION “MADE IN ITALY”**

In our quality lab, each electronic board is tested to make the product reliable and guaranteed over time, 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 on AVS products and systems at the AVS Headquarters and at our customers premises.

## **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**

New ideas are born everyday in our R&D department. Thanks to an internal team of Engineers, we are able to offer technological, safe and intuitive solutions for the installers.

## **TECHNOLOGICAL INNOVATION**

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



# AVS SYSTEM



**MULTIFUNCTIONAL control panels**

## BURGLAR ALARM



**BURGLAR ALARM** solutions by AVS feature wired and wireless control panels, indoor detectors and perimeter detectors for outdoors. This range offers security and protection for your home against any intrusion and theft attempts.

## HOME AUTOMATION



The AVS **WIRELESS HOME AUTOMATION SYSTEM** is smart, professional and reliable. You can manage and check remotely your house or activity, in real-time.



## AVS SYSTEM

is the integrated solution for burglar alarm, video verification and home automation thanks to its Cloud and the powerful MyAVSAlarm APP



**WIRELESS**  
control panels

### VIDEO VERIFICATION

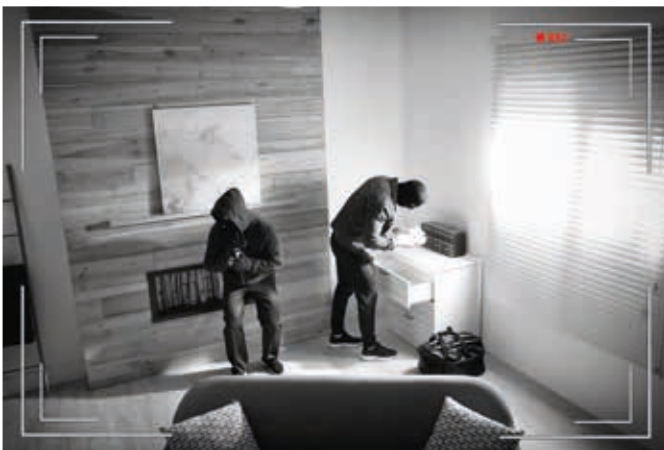


The **VIDEO VERIFICATION** integrated in the AVS control panels ensures the reliability of the security systems thanks to an immediate video check of alarm events.

### MY AVS CLOUD



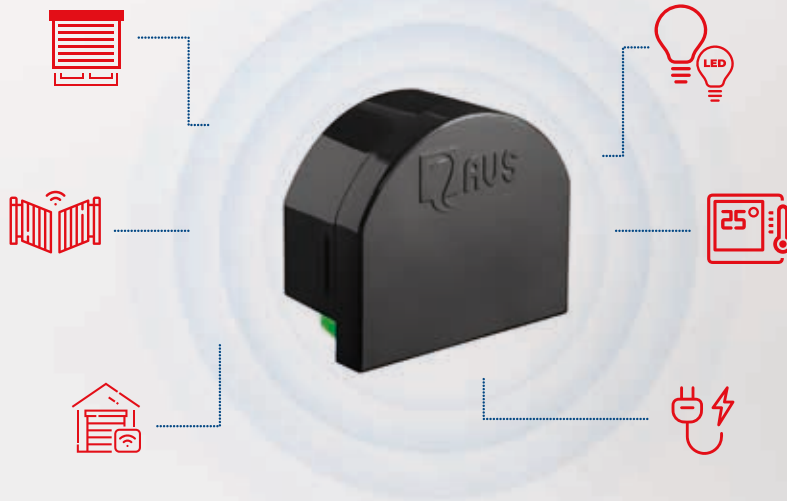
Security and freedom thanks to the remote management by **APP**. Manage your alarm system always and anywhere, in an easy and intuitive way.



NEWS

# myAVS *domotics*

The smart, professional and secure management system to control houses and activities in real time, even remotely.





# WELCOME TO WIRELESS SMARTHOME

The **flexibility of wireless technology** combined with the small size of dedicated modules, **allows to easily integrate Home Automation in any system**, ensuring more security, more comfort, total control of your home and a consequent **reduction in energy consumption**.

The range of Home Automation modules includes 4 different models: 1 module with 1 power relay, 1 with 2 power relays, 1 module dedicated to shutter management and one for dimmer control (light).

The bidirectional communication technology of the **new generation wireless system**, the dynamic management of power transmissions, the automatic frequency change at each transmission, combined with the **repeater function available in each module**, make the system reliable, without range limits.

The modules allow to activate their own relay, activate commands towards other modules, activate scenarios, open control panel zones or activate outputs. **Each module integrates the temperature control** (with the chrono thermostat function) and the **electric loads management with the automatic release of the modules when the maximum power available in the electrical system is reached**.

Great comfort in any environment thanks to the personalized adjustment of light, temperature and energy consumption with protection in case of overload or anomalies. Everything is supervised by AVS multifunction control panels.

Scenarios and activation rules, programmable by the end user, make the system flexible and customizable with the **full control via the APP MyAVSAlarm**.

A Home Automation **always connected to the MyAVS Cloud**, compatible with both GOOGLE HOME and ALEXA.



[Website](#)

Code Item - Features



1120136 **MDS 201**

**Wireless 1 relay home automation module**

**Wireless module with one 10A output. It allows turning on or off any electrical device having 230 VAC power supply. The module can be controlled by AVS control panels by APP or by a remote control in stand-alone mode. It also allows electric loads management and environmental temperature measurement through the temperature probe cod. ST015 (optional).**

**Technical data:** One relay home automation module with load management - 10A / 250VAC output (cos  $\phi = 1$ ) - Pulse or Bistable output - AC or DC power supply (100-250VAC, 50 / 60Hz, 24 - 40VDC) - Output power: 2300W (230VAC) / 240W (24VDC) - 3 inputs (type: push button or 2 way-switch) for local control (n°1) or to send radio commands to the control panel (n°2) - 1 input for temperature probe (optional) - Integrated electrical power, voltage and current meter - Monitoring of anomaly conditions and disconnection in case of overload - Can be controlled locally by dedicated input, remotely by APP, from keypad or with AVS remote controls (max 8) - Thermostat function - Load release function with priority managed by the user.

**ELECTRICAL PROTECTION: for the best electrical protection, connect the fuse to the module cod. 1187111**

**Wireless features:** Application: indoor - Frequency: FM 868 MHz - multi frequency - Bidirectional - Radio coverage: up to 200 m in open field - Integrated radio repeater function - Data sent: Output State - Inputs state - Environmental temperature (0,1°C with optional probe) - Integrated electrical power, voltage and current meter - self test - Module type - Easy programming: self- learning on CP - Module parameter settings via CP from laptop (through Xwin software) or through the APP MY AVS MANAGER - Dimensions (LxHxD): 44 x 39 x 20 mm - Compatibility: RAPTOR control panels / CAPTURE/ XTREAM with XSAT WS4, XSAT WS4 PRO, XSAT WS4 VIDEO.



1120137 **MDS 202**

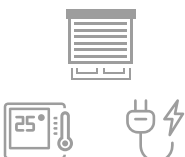
**Wireless 2 relays home automation module**

**Wireless module with 2 outputs, 4A each. It allows turning on or off any electrical device having 230 VAC power supply. The module can be controlled by AVS control panels by APP or by a remote control in stand-alone mode. It also allows electric loads management and environmental temperature measurement through the temperature probe ST015 (optional).**

**Technical data:** Two relays smart home automation module with load management - n°2 4A / 250VAC outputs (cos  $\phi = 1$ ) - Pulse or Bistable output - AC or DC power supply (100-250VAC, 50 / 60Hz, 24 - 40VDC) - Output power: 2x920W (230VAC) / 2x96W (24VDC) - 1 input (type: push button or 2 way-switch) for local control - 1 input for temperature probe (optional) - Integrated electrical power, voltage and current meter (only for 1 output) - Monitoring of anomaly conditions and disconnection in case of overload - Can be controlled locally by dedicated input, remotely by APP, from keypad or with AVS remote controls (max 8) - Thermostat function - Load release function with priority managed by the user.

**ELECTRICAL PROTECTION: for the best electrical protection, connect the fuse to the module cod. 1187111**

**Wireless features:** see MDS 201 module.



1120138 **MDR 201**

**Wireless rolling shutter home automation module (Module + 2 Snubber)**

**Wireless roller shutter home automation module that allows to control rollers, venetians blinds, blind motors, having 230 VAC power supply, with electric loads management and environmental temperature measurement through the temperature probe cod. ST015 (optional). The module can be controlled by AVS control panels, by APP or by a remote control in stand-alone mode.**

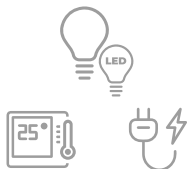
**Technical data:** Rolling shutter module with load management - n°2 4A / 250VAC outputs (cos  $\phi = 1$ ) - Pulse or Bistable output - AC or DC power supply (100-250VAC, 50 / 60Hz, 24 - 40VDC) - Output power: 2x920W (230VAC) / 2x96W (24VDC) - 1 input (type: push button or 2 way-switch) for local control - 1 input for temperature probe (optional) - Integrated electrical power, voltage and current meter - Monitoring of anomaly conditions and disconnection in case of overload - Can be controlled locally by dedicated input, remotely by APP, from keypad or with AVS remote controls (max 8) - Thermostat function - Load release function with priority managed by the user.

**ELECTRICAL PROTECTION: for the best electrical protection, connect the fuse to the module cod. 1187112**

**Wireless features:** see MDS 201 module

## WIRELESS HOME AUTOMATION MODULES FOR AVS CONTROL PANELS

Code Item - Features



1120139 **MDD 201**

### Wireless dimmer home automation module

**Wireless module with dimmer function to set and manage lights in gradual mode. It also allows electric loads management and environmental temperature measurement through the temperature probe ST015 (optional). The module can be controlled by AVS control panels by APP or by a remote control in stand-alone mode.**

**Technical data:** Dimmer module with load management - 1A / 250VAC output ( $\cos\phi = 1$ ) - Pulse or Bistable output - AC or DC power supply (100-250VAC, 50 / 60Hz, 24 -40VDC) - Output power: 230W (230VAC) / 36W (36VDC) - 1 input (type: push button or 2 way-switch) for local control (n°1) or to send radio commands to the control panel (n°1) - 1 input for temperature probe (optional) - Integrated electrical power, voltage and current meter - Monitoring of anomaly conditions and disconnection in case of overload - Can be controlled locally by dedicated input, remotely by APP, from keypad or with AVS remote control (max 8) - Thermostat function - Load release function with priority managed by the user.

**ELECTRICAL PROTECTION: for the best electrical protection, connect the fuse to the module cod. 1187113**

**Wireless features:** see MDS 201 module

## OUTPUTS EXTENSION MODULE ON BUS



1120141 **MR4 PW**

### Outputs extension module 4 outputs on BUS RS485

Outputs: 4 – Relay contact 4A/250VAC for single relay with 8A maximum - Bus connection: RS485 - Supply voltage: 13.8 Vdc 100 mA – Dimensions (LxHxD): 81 x 77 x 35 mm – Supplied with DIN bar supports - Compatible with control panels: CAPTURE 8/16/32/64/128 - RAPTOR - XTREAM

## ACCESSORIES FOR WIRELESS HOME AUTOMATION MODULES



MST 015

1120140 **MST 015**

### Temperature probe

The temperature probe can be connected to any wireless home automation module of MD series. It allows the remote measurement of environmental temperature, the temperature of an object's surface or of a pipe. It is supplied with a 15 cm connection cable and a connector to connect it directly to a module of the MD series. The probe detects temperatures between -25°C and +80°C. Thanks to the module, it is possible to define automation scenarios by setting the temperature thresholds.

**Technical data:** Temperatures from -25° C up to +80° C - Color: white - Probe cable length ~ 15 cm - Compatibility: smart home wireless modules.

1187111 **FMDS**

### Fuse holder with replaceable fuse for smart home wireless modules MDS 201/MDS 202 – pack of 5 pcs

Slow blow fuse 12A 250VAC - Breaking Capacity 1500A - Pack of 5 pcs - Compatibility: wireless modules MDS 201 - MDS202 - Dimensions: 5x20 mm.

For the best electrical protection, connect the fuse to the module.

1187112 **FMDR**

### Fuse holder with replaceable fuse for smart home wireless modules MDR 201 – pack of 5 pcs

Slow blow fuse 5A 250VAC - Breaking Capacity 1500A - Pack of 5 pcs - Compatibility: wireless modules MDR 201 - Dimensions: 5x20 mm.

For the best electrical protection, connect the fuse to the module.

1187113 **FMDD**

### Fuse holder with replaceable fuse for smart home wireless modules MDD 201 – pack of 5 pcs

Slow blow fuse 1,5A 250VAC - Breaking Capacity 1500A - Pack of 5 pcs - Compatibility: wireless modules MDD 201 - Dimensions: 5x20 mm.

For the best electrical protection, connect the fuse to the module.

1187114 **SNUBBER**

### Spark killer for roller shutter and dimmer wireless modules. Pack of 5 pcs.



FMDS  
FMDR  
FMDD

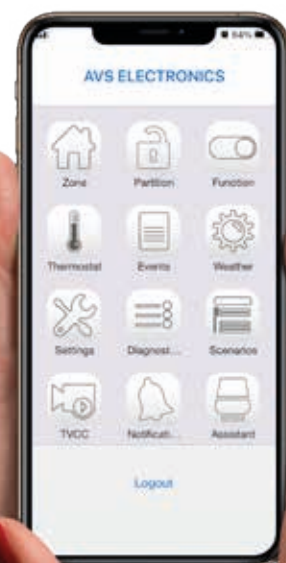


SNUBBER



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

**MY AVS MANAGER** is the APP developed for **the installer** that allows professionals to program and configure, in CLOUD, RAPTOR range of bidirectional wireless control panels.





# 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 yet highly performing control panel, Raptor is plug & play thanks to an easy and simple programming: just acquire the detectors, the remote controls and install the SIM Card and Raptor is ready to use.



Raptor is IMQ certified, completely designed and produced in Italy and has an elegant design. It guarantees at any moment a safe protection of your home and your business, thanks to the wide range of wireless indoor and outdoor devices available. With the 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) also allows to send precise alarm, fault or system status messages.

## KIT BIDIRECTIONAL WIRELESS CONTROL PANELS - POWER SUPPLY 220 VAC

Code Item - Features



### 1190186 KIT RAPTOR RK BASIC M + APP

**Kit bidirectional wireless with Raptor RK control panel - embedded GSM/GPRS + CARD PREMIUM 1 YEAR**

Kit made of:

- n°1 control panel RAPTOR RK
- n°1 remote control BIP4 PLUS
- n°1 detector PIR JET PA WS4
- n°1 wireless magnetic contact WIC4 MINI
- + CARD PREMIUM 1 YEAR



### 1190187 KIT RAPTOR R BASIC M + APP

**Kit bidirectional wireless with Raptor R control panel - embedded GSM/GPRS + CARD PREMIUM 1 YEAR**

Kit made of:

- n°1 control panel RAPTOR R
- n°1 remote control BIP4 PLUS
- n°1 detector PIR JET PA WS4
- n°1 wireless magnetic contact WIC4 MINI
- + CARD PREMIUM 1 YEAR

## KIT BIDIRECTIONAL WIRELESS CONTROL PANELS - 4G TECHNOLOGY



### 1190188 KIT RAPTOR RK 4G BASIC M + APP

**Bidirectional 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 made of:

- n°1 control panel RAPTOR RK 4G
- n°1 remote control BIP4 PLUS
- n°1 detector PIR JET PA WS4
- n°1 wireless magnetic contact WIC4 MINI
- + CARD PREMIUM 1 YEAR

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**



### 1190189 KIT RAPTOR R 4G BASIC M + APP

**Bidirectional 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 made of:

- n°1 control panel RAPTOR R 4G
- n°1 remote control BIP4 PLUS
- n°1 detector PIR JET PA WS4
- n°1 wireless magnetic contact WIC4 MINI
- + CARD PREMIUM 1 YEAR

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

## KIT BIDIRECTIONAL WIRELESS CONTROL PANELS - 4G TECHNOLOGY

Code Item - Features



### 1190190 KIT RAPTOR RK LC 4G BASIC M

Bidirectional wireless Kit - Raptor RK LC 4G control panel on network LTE/4G

Kit made of:

- n°1 control panel RAPTOR RK LC 4G
- n°1 remote control BIP4 PLUS
- n°1 detector PIR JET PA WS4
- n°1 wireless magnetic contact WIC4 MINI

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 1**



### 1190191 KIT RAPTOR R LC 4G BASIC M

Bidirectional wireless Kit - Raptor R LC 4G control panel on network LTE/4G

Kit made of:

- n°1 control panel RAPTOR R LC 4G
- n°1 remote control BIP4 PLUS
- n°1 detector PIR JET PA WS4
- n°1 wireless magnetic contact WIC4 MINI

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 1**

## BIDIRECTIONAL WIRELESS CONTROL PANELS - POWER SUPPLY 220 VAC



### 1102110 RAPTOR RK

Wireless control panel - 125 zones – Embedded silicon keys 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 4 - 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/Badges – System configuration: by keypad or with XWIN software – USB Port 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. The guided HELP available in the control panel, on the keypads ICE, A500 PLUS and A600 EVO PLUS and in RTC connection, allows system management with voice messages. – Integrated time programmer with 16 daily functions with bank holidays management – Event buffer memory: 500 events – power supply: Switching 14.5 Vdc 1 A Battery 12 Vdc 2.3 Ah - Dimensions: ABS case – 247 x 232 x 55 mm (LxHxD)

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**



### 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**

Code            Item - Features



**1102113    RAPTOR R**

**Wireless control panel - 125 zones 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 - Wireless keypads connectable: up to 4 - 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/Badges – System configuration: by keypad or with XWIN software – USB port 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. The guided HELP available in the control panel, on the keypads ICE, A500 PLUS and A600 EVO PLUS and in RTC connection, allows system management with voice messages. – Integrated time programmer with 16 daily functions with bank holidays management – Event buffer memory: 500 events – power supply: Switching 14.5 Vdc 1 A Battery 12 Vdc 2.3 Ah - Dimensions: ABS case – 247 x 232 x 55 mm (LxHxD)



**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**



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

4G



Code Item - Features

### 1102149 RAPTOR RK LC 4G

Wireless control panel - 125 zones – Embedded silicon keys keypad battery powered on network LTE/4G

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 4 – 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/4G 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. The guided HELP available in the control panel, on the keypads ICE, A500 PLUS and A600 EVO PLUS and in RTC connection, allows system management with voice messages. – Integrated time programmer with 16 daily functions with bank holidays management – Event buffer memory: 500 events – powered by alkaline batteries – 6X1,5 D LR20 - Dimensions: ABS case – 247 x 232 x 55 mm (LxHxD)

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 1**

4G



### 1102150 RAPTOR R LC 4G

Wireless control panel - 125 zones – Battery powered on network LTE/4G

Same as RAPTOR RK LC 4G without keypad

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 1**

## RAPTOR SYSTEM DEMONSTRATION KIT

### 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. - **IP Protection: 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

4G



## REMOTE CONTROLS AND PROXIMITY KEYS

**BIP  
Plus**



BIP 4 PLUS  
BIP 4 PLUS C



Code Item - Features

**1112122 BIP 4 PLUS**  
Bidirectional 8-channel remote control - ivory housing

**1112123 BIP 4 PLUS C**  
Bidirectional 8-channel remote control - carbon look

8-channel 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**

**1112133 ZEN 4 PLUS**  
Bidirectional 4-channel remote control

4-channel transmitter - 1 activation key - TX functions: on, off, output activations - RX function: 4 LEDs for on/off system status signaling - Frequency: FM 868 MHz - multifrequency - bidirectional - Range: up to 200 m. in open space - Power supply: 1 x 3V Lithium battery, Type 2032 - Color: white - Dimensions (LxH): 31 x 31 mm - Compatibility: RAPTOR control panels, XTREAM with XSAT WS4 /XSAT WS4 PRO/ XSAT WS4 VIDEO

**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

## BIDIRECTIONAL WIRELESS KEYPADS WITH INTEGRATED REPEATER



A500 WS4  
A500 PLUS WS4



A500 WS4 C  
A500 PLUS WS4 C

**1113100 A500 WS4**  
Bidirectional LCD wireless keypad, white colour

**1113101 A500 WS 4 C**  
Bidirectional LCD wireless keypad, carbon look

Wireless bidirectional FM 868 MHz - 32 characters LCD display + 7 LEDs system status signal - repeater function up to 125 detectors (only if powered from the mains) not for sirens and remote controls - dual power supply with ZB022 lithium battery and/or 13.8 Vdc with external power supply - n° 2 in/out terminals - Dimensions (LxHxP): 110 x 130 x 34 mm - Compatibility: RAPTOR - **CERTIFICATION: IMQ-INCERT EN50131 Grade 2**

**1113104 A500 PLUS WS4**  
Bidirectional LCD wireless keypad, with advanced functions, white colour

**1113105 A500 PLUS WS 4 C**  
Bidirectional LCD wireless keypad, with advanced functions, carbon look

Wireless bidirectional 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 detectors (only if powered from the mains) not for sirens and remote controls - 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**

## BIDIRECTIONAL WIRELESS KEYPADS WITH INTEGRATED REPEATER



PW M

Code Item - Features

1106110 **PW M**

**Power supply for bidirectional wireless 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**

## PSTN COMMUNICATION MODULE AND ZONES AND OUTPUTS EXTENSION MODULE



1170125 **PSTN B**

**PSTN communicator for RAPTOR control panel**

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

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**

## NETWORK BOARD, WEB SERVER



1105141 **EWEB PLUS 2 B**

**Optional board LAN/Ethernet and Web Server**

The communication interface EWEB PLUS B 2 allows LAN connection with the RAPTOR control panels, offering many features: - 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 with data encryption AES128 bit. The embedded Web Server allows to manage RAPTOR through a common Internet Browser with TLS 1.2 cryptography - 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 - Management of JET PA WS4 Video detectors - sending video alarm complete with 10 frames - remote images request via APP MYAVSALARM - Programming of operating parameters by APP MYAVSMANAGER - Auto configuration Wi-Fi network board by Cloud.

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

1105134 **EWEB WIFI II B**

**WiFi and Web Server network board**

The communication interface EWEB WIFI II B allows the Wi-Fi connection with the control panels RAPTOR. Same features and functionalities of EWEB PLUS 2B - 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 EWEB PLUS 2 B with the following added functions:  
 - Management of 8 videocameras ONVIF S® - Sending video event with 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

**CERTIFICATION: IMQ-INCERT EN50131 Grade 2**

**NOTE: ® The trademarks mentioned belong to their respective owners**





Everything under control.



Passive infrared detector, wireless bidirectional with advanced video verification functions. Thanks to the integrated camera and audio recording, combined with the infrared detector, JET PA WS 4 VIDEO is able to capture images, sending them promptly to the user as a video.



Code Item - Features



**1131155 JET PA WS 4 VIDEO**

**Bidirectional wireless passive infrared detector with antimasking and integrated camera/audio**

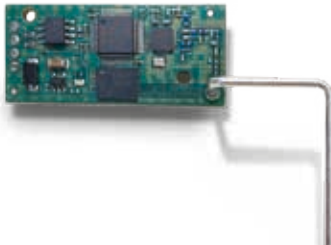
Passive infrared with aspherical lens and mirror look down - IR coverage: 15 meters, 90° coverage, 7 levels and 41 sectors with sealed optics - PET Immunity - Anti-masking with active IR, adjustable detection distance - Accelerometer for tear-off and disorientation signaling - Use: indoor - Frequency: FM 868 MHz - multi frequency - bidirectional - Radio range: up to 150 m. in open field - Communication: alarm - pre and post alarm images - tampering - battery - survival - masking - detector model - battery voltage - operating temperature - simplified programming: self-learning on CP - setting operating parameters directly via CP; from laptop or APP MY AVS MANAGER - Firmware detector upgrade - Power supply: 2 batteries 3 Vdc lithium 1,1 A type CR123 - Autonomy: 2 years activating the reduced consumption function - Dimensions (DxWxH): 39 x 65 x 120 mm - Compatibility: RAPTOR /CAPTURE/ XTREAM control panels with XSAT WS4 VIDEO

**VIDEO Features**

VGA camera - 90° coverage - 320 x 240 resolution - Image transfer speed: 100Kbit/s (about 25" full load) - Infrared illuminator - Depth of field: 12 m in relation to the brightness - Automatic Day/Night function - Recording and sending event audio files - Request remote images - camera exclusion from user - low power consumption with intelligent management camera activation - Video Compatibility: MY AVS Alarm Application

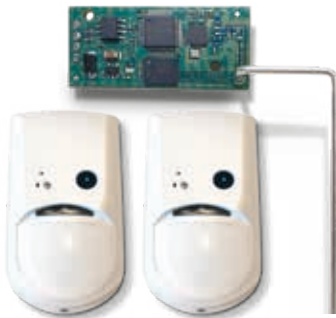
**1121120 RVS VIDEO SATELLITE**

**Bidirectional Plug-in wireless zone module for video detectors**



Wireless bidirectional technology FM GFSK FM 868 Mhz - Connection: RS485 Plug-in connector - Range: 150 meters in open space - Frames memory: up to 125 video events complete with 10 frames each - Image speed: 100Kbit/s (about 25" full upload) - Power supply and consumption: 13.8 Vdc, 30 mA max - Bidirectional wireless device receiver: up to 125 video wireless detectors - Possibility of upload images / events from the memory events (RAPTOR RT) - Compatibility: RAPTOR range (not RAPTOR LC) and bidirectional detectors WS4 VIDEO series. Dimensions (LxWxH): 43 x 10 x 19 mm.

**KIT FOR RAPTOR WIRELESS VIDEO VERIFICATION**



**1190169 KIT RVS Video 2**

**Kit for Raptor video verification**

Kit made of:  
 - n°1 video wireless zone module RVS  
 - n°2 video wireless detectors JET PA WS4 VIDEO



**1190170 KIT RVS Video 4**

**Kit for Raptor video verification**

Kit made of:  
 - n°1 video wireless zone module RVS  
 - n°4 video wireless detectors JET PA WS4 VIDEO



Code            Item - Features

**1131134    JET PA WS 4**

**Bidirectional wireless passive infrared detector with antimasking**

Passive infrared with aspherical lens and look down mirror - IR coverage: 15 m, 90°, 7 levels and 41 sectors with sealed optics – PET IMMUNE - Anti-masking with active IR, adjustable detection distance – Accelerometer for tamper and disorientation - Application: indoor - 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 3,6V - 2,2 Ah - Battery life: 2 years with energy saving function activated - Dimensions (LxHxD): 65 x 120 x 39 mm - Compatibility: RAPTOR control panel, XSAT WS4

**CERTIFICATION: IMQ-INCERT EN50131 Grade 2**

**1131133    JET DT WS 4**

**Bidirectional wireless double technology detector with antimasking**

Passive infrared with aspherical lens and look down mirror - Linear microwave 10.525 GHz 15m range - IR coverage: 15 m, 90°, 7 levels and 41 sectors with sealed optics – PET IMMUNE - Anti-masking with active IR, adjustable detection distance – Accelerometer for tamper and disorientation - Application: indoor - 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 3,6V - 2,2 Ah - Battery life: 2 years with energy saving function activated - Dimensions (LxHxD): 65 x 120 x 39 mm - Compatibility: RAPTOR control panel, XSAT WS4

**CERTIFICATION: IMQ-INCERT EN50131 Grade 2**

**1131138    JET 360 WS 4**

**Bidirectional wireless 360° ceiling infrared detector**

Passive infrared 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 - 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 or through the APP MY AVS MANAGER - Powered by: 1 Lithium battery 3V CR123 type - Battery life: 2 years with energy saving function activated - Dimensions Ø 120 - H 40 mm - Compatibility: RAPTOR control panel, XSAT WS4



WIC 4 MINI



WIC 4 MINI B



WIC 4 MINI N

Code Item - Features

**1131142 WIC 4 MINI**

**Bidirectional wireless 2-channel transmitter with double magnetic contact - white housing**

Frequency: FM 868 MHz - multi frequency – bidirectional - 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, XSAT WS4

**Protection class: IP 65 - CERTIFICATION: IMQ-INCERT EN50131 Grade 2**

**1131143 WIC 4 MINI B**

**Bidirectional wireless 2-channel transmitter with double magnetic contact - brown housing**

Same as WIC 4 MINI - brown plastic housing

**1131150 WIC 4 MINI N**

**Bidirectional wireless 2-channel transmitter with double magnetic contact - black housing**

Same as WIC 4 MINI - black plastic housing

**1131144 WIC 4 MINI PLUS**

**Bidirectional wireless 2-channel 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, XSAT WS4

**Protection class: IP 65 - CERTIFICATION: IMQ-INCERT EN50131 Grade 2**

**1131145 WIC 4 MINI PLUS B**

**Bidirectional wireless 2-channel 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 2-channel transmitter with double magnetic contact and shock sensor - black housing**

Same as WIC 4 MINI PLUS - black plastic housing

**1181207 SPACER KIT FOR WIC 4 MINI WHITE**

**Spacer kit for contact white housing**

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

**1181208 SPACER KIT FOR WIC 4 MINI BROWN**

**Spacer kit for contact brown housing**

Same as KIT SPACER WHITE - brown color

**1181209 SPACER KIT FOR WIC 4 MINI BLACK**

**Spacer kit for contact black housing**

Same as KIT SPACER WHITE - black color



SPACERS FOR WIC 4 MINI WHITE

Code Item - Features



**1131131 WIC4**  
**Bidirectional wireless 2-channel transmitter with magnetic contact - white housing**

Frequency: FM 868 MHz - multi frequency – bidirectional - 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, XSAT WS4 - **CERTIFICATION: IMQ-INCERT EN50131 Grade 2**



**1131132 WIC4 B**  
**Bidirectional wireless 2-channel transmitter with magnetic contact - brown housing**

Same as WIC4 with brown plastic housing



**1131129 WIC4 PLUS**  
**Bidirectional wireless 2-channel transmitter with magnetic contact and shock sensor - white housing**

Frequency: FM 868 MHz - multi frequency – bidirectional - 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, XSAT WS4  
**CERTIFICATION: IMQ-INCERT EN50131 Grade 2**



**1131130 WIC4 PLUS B**  
**Bidirectional wireless 2-channel transmitter with magnetic contact and shock sensor - brown housing**

Same as WIC4 plus with brown plastic housing



**1131141 GHOST WS 4 PLUS**  
**Bidirectional wireless 2-channel transmitter with magnetic contact - white housing**

Frequency: FM 868 MHz - multi frequency – bidirectional - 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, XSAT WS4

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**



Code      Item - Features



**1131157 H2O WS4**

**Bidirectional wireless flood detector - white housing**

Frequency: FM 868 MHz - multi frequency - Bidirectional - Radio coverage: up to 200 m in open field - Data sent: flood alarm, sabotage, battery level, self-test, detector model, battery voltage - Easy programming: self-learning on CP - Detector parameter settings via CP from laptop (through Xwin software) or through the APP MY AVS MANAGER - Independent input for external water probe - Powered by: 1 Lithium battery 3,0 Vdc 1,1 A CR123 type - Battery life: 2 years - Dimensions (LxHxD): 35 x 110 x 31 mm - Probe cable length ~ 1 mt - Compatibility: RAPTOR control panels, XSAT WS4 - XSAT WS4 PRO - XSAT WS4 VIDEO



**1131158 TERM WS4**

**Bidirectional wireless environmental temperature detector - white housing**

Frequency: FM 868 MHz - multi frequency - Bidirectional - Radio coverage: up to 200 m in open field - Data sent: environmental temperature, sabotage, battery level, self-test, detector model, battery voltage - Easy programming: self-learning on CP - Detector parameter settings via CP from laptop (through Xwin software) or through the APP MY AVS MANAGER - input for external temperature probe - Powered by: 1 Lithium battery 3,0 Vdc 1,1 A CR123 type - Battery life: 2 years - Dimensions (LxHxD): 35 x 110 x 31 mm - Probe cable length ~ 1 mt - Compatibility: RAPTOR control panels, XSAT WS4 - XSAT WS4 PRO - XSAT WS4 VIDEO



**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 - CR123 - Battery life: 2 years with energy saving function activated - Dimensions (LxHxD): 35 x 110x31 mm - Compatibility: RAPTOR control panel, XSAT WS4



**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. Anti-masking with active IR, adjustable detection distance



**1136109 SD4 WS**

**Bidirectional wireless optical smoke detector**

Sensor: optical infrared - coverage 40 m<sup>2</sup> - Frequency: FM 868 MHz - multi frequency - bidirectional - 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°

K21



**1130136 K21**

**Wall and ceiling bracket for JET detectors**

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

Code Item - Features

ONE



1132144 **ONE PA WS 4**

**Bidirectional wireless outdoor curtain detector**

Passive infrared curtain sensor with Fresnel lens - Frequency: FM 868 MHz - multi frequency – bidirectional - max radio range 200 m in open space - 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 - 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 detection range - 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, XSAT WS4

**Protection class: IP 54**

SPECTRUM

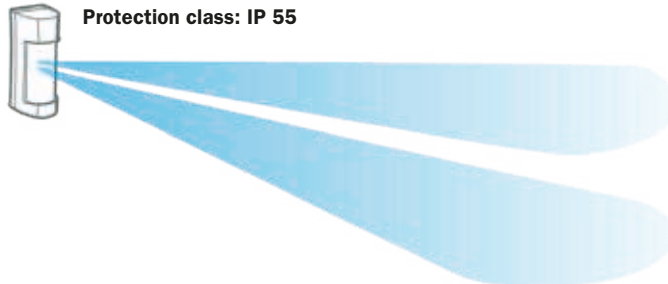


1132145 **SPECTRUM DT WS AM 4**

**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 – bidirectional - max range 200 m - Antimasking with active IR, adjustable detection range - 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 - Power consumption in stand-by 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 energy saving function enabled - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm - Compatibility: RAPTOR Control panel, XSAT WS4

**Protection class: IP 55**



SPECTRUMWall



1132146 **SPECTRUM PA WS WALL 4**

**Bidirectional wireless double side double PIR outdoor detector**

Double side detection (right + left) double PIR - Detection range from 3 to 12 meters per side - Wireless transmission in 868 MHz FM - Multi frequency – Bidirectional - 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 - 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 - Walk test with Led and buzzer activation - Lithium battery 3,6 Vdc 2,2 Ah, included - Battery life: 2 years with energy saving function enabled - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm - Compatibility: RAPTOR Control panel, XSAT WS4

**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



## UNIVERSAL WIRELESS OUTDOOR PIR PASSIVE INFRARED DETECTORS COMPATIBILITY WITH ALL CONTROL PANELS

Code            Item - Features



### 1132134    **SPECTRUM PA WS WALL STD**

#### Universal wireless double side double PIR outdoor detector

Double side detection (right + left) double PIR - Detection range from 3 to 12 m per side - Universal and compatible with any third party transmitters - Tamper through accelerometer - Digital temperature compensation - Detection angle up to 10° - Installation height 1,2 meters with standard lens - PET Immunity - Light filter - Power consumption in stand-by 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 energy saving function enabled - Spacer for third party transmitter - 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

Double side detection (right + left) double PIR - Detection range from 3 to 12 m per side - Anti-masking with active double IR - Universal and compatible with any third party transmitters - Tamper through accelerometer - Digital temperature compensation - Detection angle up to 10° - Installation height 1,2 meters with standard lens - PET Immunity - Light filter - Power consumption in stand-by 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 energy saving function enabled - Spacer for third party transmitter - Dimensions (D x W x H): 110 x 75,4 x 189,4 mm

**Protection class: IP 55**



### 1132111    **OUTSPIDER PA WS UB**

#### Universal wireless outdoor double infrared detector with battery

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**

#### Universal wireless outdoor double infrared detector

Same as OUTSPIDER PA WS UB - lithium battery NOT INCLUDED

## WIRELESS OUTDOOR DETECTORS



### 1132148    **OUTSPIDER PA WS 4**

#### Bidirectional wireless outdoor passive infrared detector

Dual passive infrared - Frequency: FM 868 MHz - multi frequency – bidirectional - Wireless range: up to 200 m - Data sent: alarm, sabotage, battery level, self-test, masking, detector model, battery voltage, working temperature – Easy programming : self-learning on CP – Detector parameter settings via CP from laptop or through the APP MY AVS MANAGER - Range: from 15 to 23 m, max height of installation 2.7 m - Coverage between 5° and 90° - ANTI-MASKING with ACTIVE IR function - PET Immunity - Anti-opening and anti-tear tamper - USB port for programming with HPWIN/XWIN software - LED and buzzer for walk test that can be deactivated - Camera fitting - Working conditions: -25 C° + 55 C° - 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, XSAT WS4 - **Protection class: IP 65**

### 1132149    **OUTSPIDER DT WS 4**

#### Bidirectional wireless outdoor dual technology detector

Dual passive infrared + microwave MW freq. 10.525 GHz - Frequency: FM 868 MHz - multi frequency – bidirectional - Wireless range: up to 200 m - Data sent: alarm, sabotage, battery level, self-test, masking, detector model, battery voltage, working temperature – Easy programming : self-learning on CP – Detector parameter settings via CP from laptop or through the APP MY AVS MANAGER - Range: from 15 to 23 m, max height of installation 2.7 m - Coverage between 5° and 90° - ANTI-MASKING with ACTIVE IR function - PET Immunity - Anti-opening and anti-tear tamper - USB port for programming with HPWIN/XWIN software - LED and buzzer for walk test that can be deactivated - Camera fitting - Working conditions: -25 C° + 55 C° - 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, XSAT WS4 - **Protection class: IP 65**

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

Code Item - Features



### 1132133 SPECTRUM DT WS STD AM

#### Wireless universal outdoor double technology detector with antimasking

Detection through double PIR and Microwave 10.525 GHz - Detection range from 3 to 12 meters - Universal and compatible with any third party transmitters - Antimasking with active IR - Accelerometer for tamper signalisation - 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 stand-by 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 energy saving function enabled - Spacer for third party transmitter - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm - **Protection class: IP 55**

### 1132113 OUTSPIDER DT WS UB

#### Universal wireless outdoor double technology detector with battery

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

#### Universal wireless outdoor double technology detector

Same as OUTSPIDER DT WS UB - lithium battery NOT INCLUDED



## WIRELESS SIRENS



TS 22 WS4

### 1164115 TS 22 WS4

#### Bidirectional wireless INDOOR self-powered siren

Frequency GFSK FM 868 MHz - multi frequency - Bidirectional - Max range 200 m.in open space - Communications: alarm, anti-tamper, battery, survival, model, battery voltage, working temperature - Easy programming: self-learning on CP - Parameter settings via CP from laptop or through the APP MY AVS MANAGER - LED for visualization system status - Dimensions (LxHxW): 150 x 110 x 50 mm - Housing: white coloured plastic - Power supply: with 4 x 1,5 alkaline battery type AA LR6 (included) - Compatibility: RAPTOR control panels, XSATWS4



CITY WS

### 1164107 CITY WS 4

#### Bidirectional wireless self-powered siren

Frequency GFSK FM 868 MHz - multi frequency - Bidirectional - Max range 200 m. in open space - Communications: alarm, anti-tamper, battery, survival, model, battery voltage, working temperature - Easy programming: self learning on CP - Parameter settings via CP from laptop or through the APP MY AVS MANAGER - LED for visualization system status - Dimensions (LxHxW): 255 x 200 x 80 mm - Housing: 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, XSAT WS4

**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

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**



ALCITYWS 4

### 1164110 ALCITYWS 4

#### Power supply unit for wireless bidirectional siren

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



MY AVS MANAGER



Code Item - Features

**APP MY AVS MANAGER**

Mobile application for smartphone and tablet for the installer

MY AVS MANAGER allows the connection of an Apple or Android device to RAPTOR system, by using a compatible network board or GPRS. MY AVS MANAGER can only be used after being validated on the Installers Area on [www.myavsalarm.com](http://www.myavsalarm.com).

Features	INSTALLER	
	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
Complete programming	X	X
RAPTOR R control panel programming without using the keypad	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

MY AVS MANAGER works on the AVS CLOUD MANAGER SERVER which allows simplified network settings. Thanks to the AVS Cloud, no router configuration or static IP addresses are required.



**MY AVS VIGILANT**

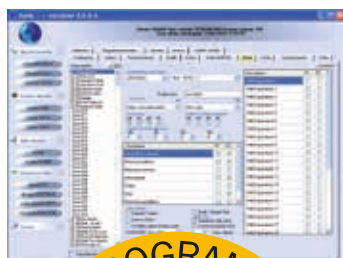
IP and wireless video verification software for Central Monitoring Station

My AVS Vigilant is the advanced software dedicated to Central Monitoring Stations and for users that have or need an internal monitoring workstation. My AVS Vigilant allows you to receive on one or more PC workstations AVS Electronics video alarm systems that are logged in the MYAVSALARM CLOUD and MYAVSALARM APP PREMIUM.

**Features:** Quick visualization of the video alarms received - Account information with system data - Multilanguage programming console - Search customer filter - Automatic archive deleting management - Customer account block - Automatic software update - System requirements: Windows® XP - SP2 - VISTA - Windows® 7- 8 - 10 - Compatibility: EWEB PLUS VIDEO board with IP cameras – JET PA WS4 VIDEO, XTREAM/CAPTURE/RAPTOR control panels (no LC)

**Conditions:** subscription based software; for info and costs please contact AVS Electronics.

My AVS Vigilant is also available in SERVER version. This tool allows the monitoring station to develop and integrate autonomously video verification files on their event system.



**1104102 XWIN**

Programming software for AVS control panels with Wizard Included

Advanced programming of all control panel parameters and settings - Easy programming thanks to the guided settings with WIZARD - 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

	Code	Item - Features
OSC	1135113	<b>OSC</b> <b>Protection for detector ONE</b> Cover for rain protection for detector ONE
SSC	1135110	<b>SSC</b> <b>Rain protection cap for Spectrum</b> Frontal shield for rain protection
SSD	1135111	<b>SSD</b> <b>Spacer for Spectrum</b> 47 mm spacer, included by default for STD series
SSL	1135109	<b>SSL</b> <b>Optional lens for Spectrum</b> Optional lens to install SPECTRUM at 2,2 meters high (not for WALL models)
	1135112	<b>STA</b> <b>Tamper for Spectrum</b> Optional mechanical tamper
KB KBT	1134109	<b>KB</b> <b>Wall bracket for detectors SPY/ONE/SPECTRUM</b> Same features of KBT - without anti-removal tamper
	1134110	<b>KBT</b> <b>Wall bracket with tamper for detectors SPY/ONE/SPECTRUM</b> Anti-removal wall tamper - Internal cable passing - Compatibility: SPY/ONE/SPECTRUM

Code Item - Features



BATT D4

1194100 **BATT D4**  
Battery for siren CITY WS 4

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



ZB022

9094120 **ZB022**  
Battery for SPECTRUM WS4/JET WS4/WIC4/A500 WS4

3.6 Vdc - 2.6 A LITHIUM BATTERY - Replacement battery for SPECTRUM WS4, JET WS4, WIC4 WS



ZB020105

9094124 **ZB20105**  
Battery for wireless detectors SPECTRUM WS4 and OUTSPIDER WS4

3.6 Vdc - 7.7 A LITHIUM BATTERY - Replacement battery for OUTSPIDER WS4 and SPECTRUM WS4



ZBCR2032

9094121 **ZBCR2032**  
Battery for BIP4/WIC4 MINI

3.0 Vdc - CR2032 type LITHIUM BATTERY - Replacement battery for BIP4 series/WIC4 MINI



ZBDL123A

9094119 **ZBDL123A**  
Lithium battery for JET 360 WS4/WING 4 WS/WIC4

3.0 Vdc - 1.1 A CR123 type LITHIUM BATTERY - Replacement battery for JET 360 WS4/WING4 WS/WIC4 WS



ZBSL760

9094123 **ZBSL760**  
Battery for wireless detector ONE PA WS4

3.6 Vdc - 2.6 A LITHIUM BATTERY - Replacement battery for ONE PA WS 4 TX contact



ZBCR1632

9094126 **ZBCR1632**  
Battery for detector GHOST

3.0 Vdc - CR1632 type LITHIUM BATTERY - Replacement battery for magnetic contact GHOST



# AVS APP gives you all the safety and freedom you desire



MyAVSAlarm is the exclusive App for Tablet and Smartphone developed for the end-user. Connected to the AVS Cloud, the App controls easily and intuitively your control panel, everywhere and at any time.

## VOICE ASSISTANTS



The MYAVSALARM APP is compatible with Google Home and Alexa

## 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 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.



## SIMPLIFIED SCENARIOS

You can manage many functionalities with just a click. With this function, also the most complex commands are made simple.



## VIDEO VERIFICATIONS

The APP permits the connection of video cameras IP ONVIF S - Mjpeg - RTSP for video verification 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  
compliant with  
EN 50131-3

**APP MY AVS ALARM**

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

MY AVS ALARM is the Application for smartphones and tablets that allows you to control easily and intuitively your control panels, available free of charge on APP STORE and GOOGLE PLAY.

**MY AVS ALARM Premium Version - service on subscription; info on [www.myavsalarm.com](http://www.myavsalarm.com)**

Full management of 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, compatible with ONVIF S<sup>®</sup> - MJPEG<sup>®</sup> - RTSP Automatic Push notification for Alarm, On-Off and system failure. Weather data coming from NETATMO<sup>®</sup> 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:		Full
• 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
Activation/Deactivation Smart Automation	x	x
Smart automation management	x	x
Electric loads management	x	x
Chronothermostat function	x	x
Bypass/Unbypass Zones		X
On/Off Partitions		X
Connection weather stations NetAtmo <sup>®</sup>	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.

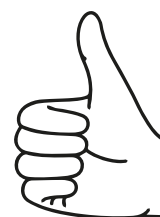
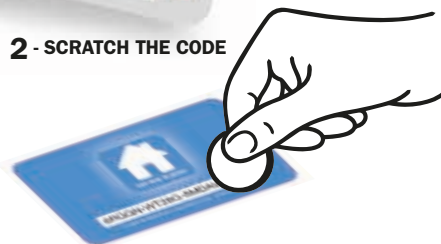


**MYAVSALARM PREMIUM CARD**  
**SIMPLE AND QUICK**

**1 - ASK FOR THE CARD**

**2 - SCRATCH THE CODE**

**3 - ENABLE THE PREMIUM SUBSCRIPTION ON MYAVSALARM WEBSITE**





# Core of an advanced system.



## Capture

CAPTURE is the alarm system that allows you to check accurately any environment. Easily control the status of the system with the APP 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, A500 PLUS, A600 EVO, A600 EVO 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, A500 PLUS, A600 EVO, A600 EVO 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****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



CAPTURE 32M  
CAPTURE 64M  
CAPTURE 128M

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 A500 PLUS, A600 EVO, A600 EVO 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 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 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**

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 A500 PLUS, A600 EVO, A600 EVO 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 A500 PLUS, A600 EVO, A600 EVO 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.

**IP Protection: 65**

**Content:**

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



# XTREAM, when flexibility increases strength

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



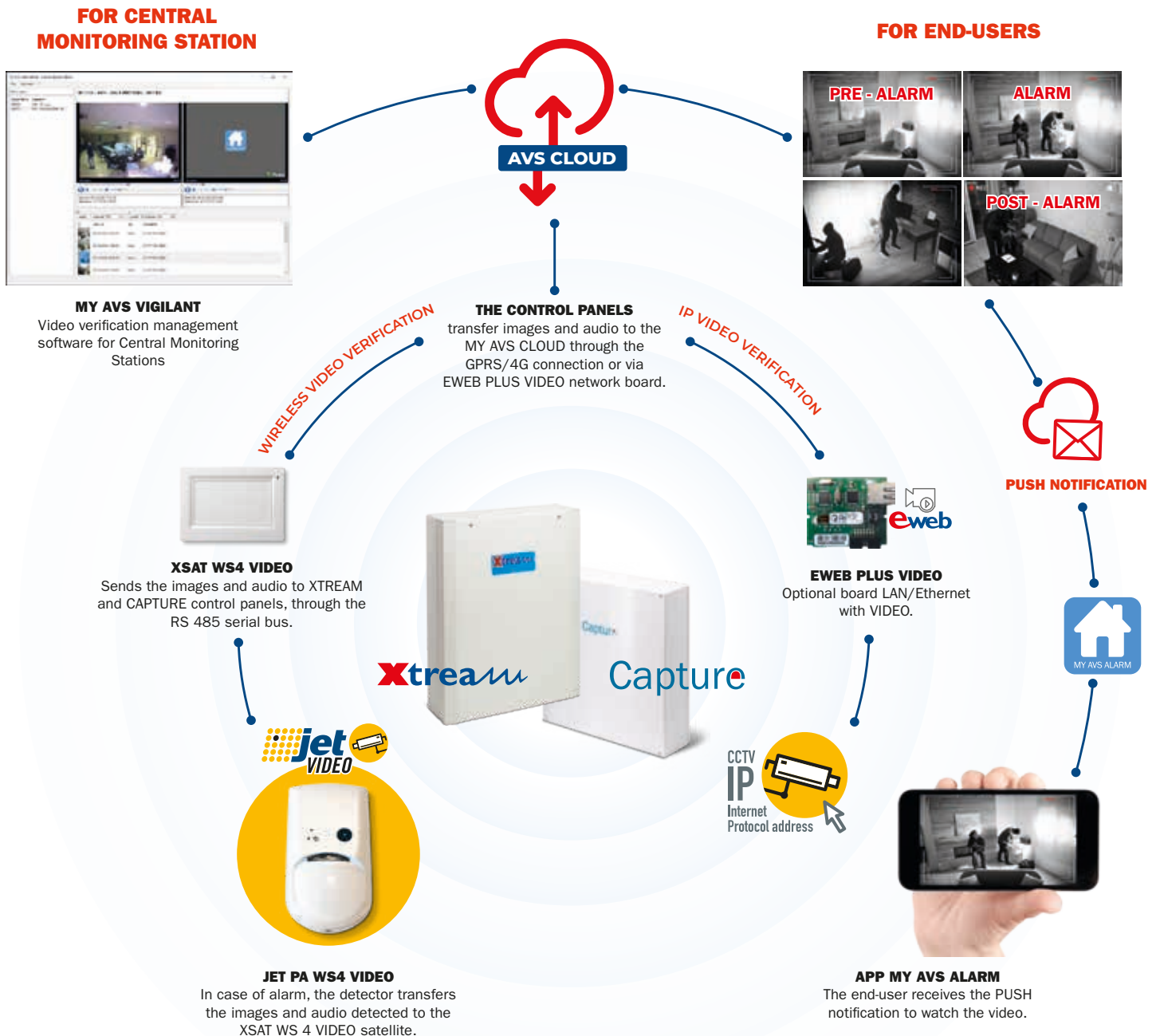
## xtream



# Everything under control with the IP and wireless video verification

The **VIDEO VERIFICATION** integrated in AVS control panels allows high system security through an immediate visual control of the alarm events. With the XSAT WS4 VIDEO receiver and the new IP interface EWEB PLUS VIDEO, it is possible to combine the XTREAM and CAPTURE control panels with radio detectors with integrated camera and/or use up to 8 IP cameras with ONVIF (S) protocol.

The new AVS Cloud platform allows you to transfer images before, during and after the alarm events to the MYAVSALARM application by sending to the end user a PUSH notification of the video link with the recorded images, which can be viewed and saved on the device.





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 EVO 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  
KEYPAD NOT INCLUDED**

**1100153 XTREAM 64 EVO**

**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 - 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 EVO 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)

**KEYPAD NOT INCLUDED**

**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  
KEYPAD NOT INCLUDED**



Code            Item - Features

**1100159    XTREAM 32 EVO**

**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 - 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 EVO 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)

**KEYPAD NOT INCLUDED**

**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**  
**KEYPAD NOT INCLUDED**

**1100164    XTREAM 6 EVO**

**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 - 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 EVO Plus and A600 EVO 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)

**KEYPAD NOT INCLUDED**

**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**  
**KEYPAD NOT INCLUDED**



A500 CARBON



A300 PLUS



A600 EVO

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 carbon look cover - 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 carbon look cover

**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: XTREAM - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

**1111101    A300 PLUS**

**Compact LCD keypad with grey cover**

Same features as the A300 with blue backlighting and grey cover  
**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

**1111109    A600 EVO**

**Advanced 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: XTREAM, CAPTURE, RAPTOR - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

**1111110    A600 EVO PLUS**

**Advanced LCD keypad with audio and proximity reader TOUCH/NFC**

Same features as the A600 EVO with: 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 - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

Code Item - Features

**1150129 RS 1****Serial Bus proximity readers**

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

**CERTIFICATION IMQ-INCERT EN 50131 Grade 2**

VERSIONS	<b>1150130</b>	RS 2	Grey Ticino LIVING ®
	<b>1150131</b>	RS 3	Grey Ticino LIVING INT. ®
	<b>1150132</b>	RS 4	White Ticino LIGHT ®
	<b>1150133</b>	RS 5	Grey Ticino MAGIC ®
	<b>1150134</b>	RS 6	White Vimar PLANA ®
	<b>1150138</b>	RS 6S	Grey Vimar PLANA ®
	<b>1150135</b>	RS 7	Vimar EICON ®
	<b>1150136</b>	RS 7B	White Vimar EICON ®
	<b>1150137</b>	RS 7S	Silver Vimar EICON ®
	<b>1150146</b>	RS 8B	White Ticino LIVING NOW ®
	<b>1150147</b>	RS 8N	Black Ticino LIVING NOW ®

**1150126 TOUCH-B****Touch proximity tag**

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

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

**CERTIFICATION IMQ-INCERT EN 50131 Grade 2****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**

## 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): 90 x 60 x 15 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): 90 x 60 x 15 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, RAPTOR RK/R/RT

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2 – Compliance to RED CERTIFICATION**



XGSM 485 4G + CONT SX

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 of digital protocols over data channel with TCP-IP protocol - Sending and receiving of SMS messages - Simulation and testing presence of PSTN line - 3 terminals configurable as OC - Communication management with mobile APP MY AVS ALARM - 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 RK/R/RT

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

**ACCESSORIES: HOUSINGS AND ANTENNA EXTENSION CABLE, SEE PAG. 55**

## 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 EVO Plus - Compatibility: XTREAM 6/32/64

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

Code      Item - Features



XSAT PW3Q/5Q

**1120113    XSAT PW3Q**

**3.4 A power supply with zone expansion in metal housing**

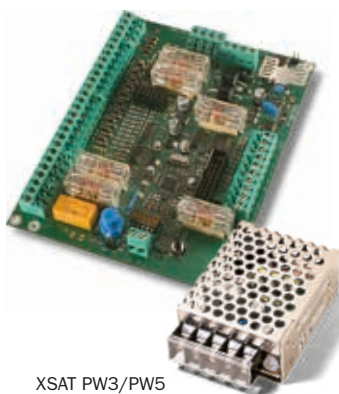
Current: 3,4 A max - Bus connection: RS485 - Dynamic power control for 220 VAc, fuses and battery status - zones: from 10 to 18 with optional module XEXP8 - Balanced inputs, switch alarms, inertial detectors - outputs: 9 (relay + o.c.) - Battery (space for): 12 Vdc from 7Ah to 17Ah - Metal housing dimensions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

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

**1120115    XSAT PW5Q**

**5 A power supply with zone expansion in metal housing**

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



XSAT PW3/PW5

**1120112    XSAT PW3**

**3.4 A power supply with zone expansion - PCB only**

Same features as XSAT PW3Q, PCB without metal housing

**1120114    XSAT PW5**

**5 A power supply with zone expansion - PCB only**

Same features as XSAT PW5Q, PCB without metal housing

**WIRED AND WIRELESS ZONE EXPANSION MODULES**



**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, 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 - free OCs - Connection: RS485 serial connection - Dimensions (LxH): 80 x 55 mm - Consumption 32 mA - Compatibility: XTREAM

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**



XSAT2  
XSAT8

**1120108    XSAT8**

**RS485 serial zone extension module 10 zones and 8 outputs**

Zones: 10 balanced inputs, switch alarms, inertial detectors - Outputs: 8 free OCs - Connection: RS485 serial connection - Power supply and consumption 13.8 Vdc, 40 mA - Dimensions (LxH): 80 x 55 mm - Compatibility: XTREAM

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

**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 (LxHxD): 80 x 130 x 30 mm - Compatibility: CAPTURE, XTREAM 32/64/640 - **CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**



## WIRED AND WIRELESS ZONE EXPANSION MODULES

Code Item - Features

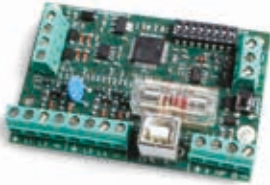


### 1143115 XSAT MINI

#### 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, XSATHP

**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



### 1121113 XSAT WS 4 PRO

#### Bidirectional radio 32 zone extension module

Wireless devices: 32 wireless detectors, 64 remote controls, 1 wireless siren, 32 smart home modules - Radio technology: bidirectional 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

**CERTIFICATION: IMQ-INCERT EN 50131 Grade 2**

**WIRELESS DEVICES AND ACCESSORIES SEE PAGE 18 AND PAGES 22 - 28**

## BOARD LAN / ETHERNET, WI-FI

**eweb**



### 1105140 EWEB PLUS 2

#### LAN/Ethernet network board

The communication interface EWEB PLUS 2 allows LAN connection with the control panels CAPTURE/XTREAM, offering many features: - 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 with data encryption AES128 bit.

The embedded Web Server allows to manage CAPTURE/XTREAM through a common Internet Browser with TLS 1.2 cryptography - 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 - Management of JET PA WS4 Video detectors - sending video alarm complete with 10 frames - remote images request via APP MYAVSALARM - Programming of operating parameters by APP MYAVSMANAGER - Auto configuration Wi-Fi network board by Cloud.

#### INSTALLER FUNCTIONS

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

**WiFi eweb**



### 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 VIDEO (without the VIDEO functionalities) - Compatibility Wi-Fi: 2,4 GHz 801.11 g/n

Code Item - Features

1121114 **XSAT WS 4 VIDEO**

**Bidirectional wireless zone module (expansion/repeater) for video and non-video detectors**



Wireless technology: bidirectional dual FM antenna GFSK FM 868 Mhz - Connection: RS485 serial - Range: 150 meters in open space - Terminals: 2 programmable in/out – Frames memory: up to 125 video events complete with 10 frames each - Image speed: 100Kbit / s (about 25" full upload) - Power supply and consumption: 13.8 Vdc, 45 mA max - Dimensions (LxWxH): 129,5 x 16 x 92,5 mm - **With RAPTOR system:** Bidirectional wireless device repeater: up to 125 radio sensors (not for sirens and remote controls) - Possibility of uploading images / events from the event memory (RAPTOR RT) - **With XTREAM / CAPTURE system:** Wireless devices: 32 wireless detectors, 64 remote controls, 1 wireless siren, 32 smart home modules- Compatibility: XTREAM, CAPTURE, RAPTOR and bidirectional devices WS 4 and WS 4 VIDEO series **CERTIFICAZIONE IMQ-INCERT EN 50131 Grado 2**

**WIRELESS DEVICES AND ACCESSORIES SEE PAGE 18 AND PAGES 22 - 28**

1105136 **EWEB PLUS VIDEO**

**LAN/Ethernet network board with VIDEO**



Same features and functionalities of the model EWEB PLUS 2 with the following added functions: Management of 8 video camera ONVIF S R - 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 - **Video 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

1131155 **JET PA WS 4 VIDEO**

**Bidirectional wireless passive infrared detector with antimasking and integrated camera/audio**



Passive infrared with aspherical lens and look-down mirror - IR coverage: 15 meters, 90°coverage, 7 levels and 41 sectors with sealed optics - PET Immunity - Anti-masking with active IR, adjustable detection distance - Accelerometer for tear-off and disorientation signaling - Use: indoor - Frequency: FM 868 MHz - multi frequency - bidirectional - Radio range: up to 150 m. in open field - Communication: alarm - pre and post alarm images - tampering - battery - survival - masking - detector model - battery voltage - operating temperature - simplified programming: self-learning on CP - setting operating parameters directly via CP from laptop or APP MY AVS MANAGER - Firmware detector upgrade - Power supply: 2 batteries 3 Vdc lithium 1,1 A type CR123 - Autonomy: 2 years activating the reduced consumption function - Dimensions (DxWxH): 39 x 65 x 120 mm - Compatibility: RAPTOR /CAPTURE/ XTREAM control panels with XSAT WS4 VIDEO

**VIDEO Features:** VGA camera - 90° coverage - 320 x 240 resolution - Image transfer speed: 100Kbit/s (about 25" full load) - Infrared illuminator - Depth of field: 12 m in relation to the brightness - Automatic Day/Night function - Recording and sending event audio files - Request remote images - Camera exclusion from user - Low power consumption with intelligent management camera activation - Video Compatibility: MY AVS Alarm Application

**KIT FOR XTREAM VIDEO VERIFICATION**

1190178 **KIT XSAT WS4 Video 2**

**Kit for XTREAM video verification**



Kit made of:

- n°1 video wireless zone module (expansion/repeater) XSAT WS4 VIDEO
- n°2 video wireless detectors JET PA WS4 VIDEO

1190179 **KIT XSAT WS4 Video 4**

**Kit for XTREAM video verification**



Kit made of:

- n°1 video wireless zone module (expansion/repeater) XSAT WS4 VIDEO
- n°4 video wireless detectors JET PA WS4 VIDEO

Code Item - Features

**Xgate**



**9088106 XGATE**

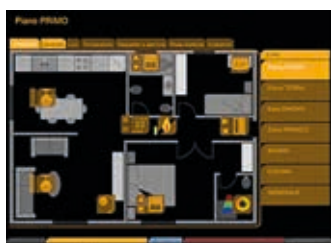
**IP gateway module for KNX/EIB - MODBUS**

Integration module between devices EIB / KNX® - MODBUS and AVS control panels equipped with IP communicator interface - Compatibility: XTREAM, CAPTURE, RAPTOR, EWEB Boards - Dimensions and mounting on 4-module DIN rail - 12 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 is 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 graphical charts to create a tailor made supervision interface. The dynamic icons make the system easier for the user. It's possible to supervise the AVS control panel status, such as arming/disarming of the partitions, inclusion/exclusion of the zones and the status of the OC output. For a quick video verification, you can access the CCTV cameras if available on the system. A configuration graphic software allows the creation of customisable domotics supervisions for any kind of system. Compatibility: XTREAM, RAPTOR, CAPTURE.



**Comparison chart**

FUNCTIONS	XGATE	XGATE PLUS
Status of the partitions	X	X
Command arming partitions	X	X
Feedback on the command partitions	X	X
Zone status	X	X
Open zone	X	X
Zone in stand-by	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
Output in stand-by	X	X
Output activation	X	X
Output de-activation	X	X
Feedback output command	X	X
Programming with integrated web server	X	X
Diagnostics	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 KNX system with App		X
Management KNX system 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

**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

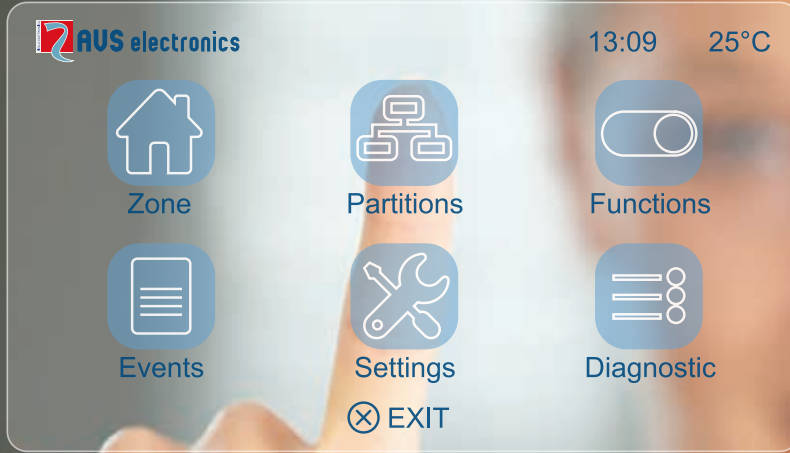
**1104110 LIC-ELMLB**

**Full user licence for ELM software**

**FUNCTIONS:** displaying graphical maps, managing the system and video images, . Conditions: license valid for the management of 1 single control panel. Compatibility: XTREAM, CAPTURE, RAPTOR (with EWEB Boards installed)







Always safe and connected!

## SUPERVISED POWER SUPPLY UNITS



POWER 3Q/5Q



POWER 3/5

Code Item - Features

### 1120117 **POWER 3Q** 3.4 A power supply 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 - Battery (space for): 12 Vdc from 7Ah to 17Ah - Metal housing - Dimensions (LxHxP): 330 x 420 x 117 mm - Compatibility: XTREAM - **IMQ-INCERT EN 50131 Grade 2 CERTIFICATION**

### 1120119 **POWER 5Q** 5 A power supply in metal housing - serial connection RS485

Same features as the POWER 3Q, with max current 5A.

### 1120116 **POWER 3** Power supply unit - PCB only version

Same features as POWER 3Q, PCB without metal housing

### 1120118 **POWER 5** Power supply unit - PCB only version

Same features as POWER 5Q, 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: 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

## BOXES FOR EXTENSION MODULES AND POWER SUPPLY UNITS



CONT SX

### 1183108 **CONT SX** Compact housing for modules and PCB

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

## BOXES FOR EXTENSION MODULES AND POWER SUPPLY UNITS

Code Item - Features



CONT XTREAM



CONT XTREAM S



DCP

### 1183109 **CONT SX Metal**

**Housing for extension modules**

Same features as the CONT SX, with metal base and cover - **IMQ-INCERT EN 50131 Grade 2 CERTIFICATION**

### 1122102 **CONT SAT W**

**Housing for modules and PCB**

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

### 1122103 **CONT SAT WX**

**Housings for extension modules**

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

### 1180147 **CONT XTREAM**

**Polyvalent metal housing**

Metal housing for extension cards and power supply units - Dimensions (LxHxW): 330 x 420 x 110 mm - Battery: up to 17 Ah - Compatibility: XTREAM640, XSAT36, XSATHP, PW3, PW5

### 1180155 **CONT XTREAM S**

**Polyvalent metal housing**

Metal housing for extension cards and power supply units - Dimensions of housing (LxHxW): 321 x 279 x 83 mm - Battery: up to 7 Ah - Compatibility: XTREAM64, XSAT36, XSATHP, PW3, PW6

### 1188102 **DCP**

**Wall spacers for housings, control panels, power unit**

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

## SERIAL AMPLIFIERS - POWER SUPPLY PARTITORS - RELAY MODULES



### 1143116 **AMPLIBUS**

**Insulator and serial RS485 amplifier**

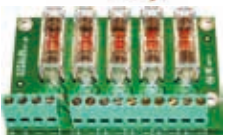
The AMPLIBUS module allows to isolate and amplify the serial line RS485, doubling the maximum length of the serial line - Available serial lines: 1 on input and 2 serials on output of 600 m - Supplying tension : 13,8 Vdc - Max consumption: 30mA - Dimensions (LxH): 80 x 55 mm - Compatibility: AVS Electronics RS485 serial bus



### 1180227 **PRO BUS**

**Serial RS485 protection module**

The PRO BUS module offers greater protection of the RS 485 serial bus from voltage transients, caused by lightning or voltage fluctuations. Recommended for use in photovoltaic sites or large industrial plants. Available serials bus: n ° 1 serial bus input / n ° 1 serial bus output - Power supply: 13.8 Vdc - Maximum consumption: 0 mA - Dimensions (LxHxP): 45 x 40 x 20 mm - Compatibility: AVS Electronics RS485 serial bus.



### 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



### 1120103 **MR 4**

**4 Relais module**

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

## SERIAL AMPLIFIER - POWER SUPPLY PARTITOR - RELAY MODULES



Code Item - Features

1120104 **MR 8**

### 8-Relay 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 trademarks mentioned belong to their respective owners

## PROGRAMMING SOFTWARE FOR XTREAM CONTROL PANELS



### XUSER SOFTWARE

XUser is the advanced software developed to connect a single PC to different XTREAM control panel and allows to change the parameters of the programmed Timers and some User parameters in Ethernet or Cloud connection. The software has the possibility to monitor the system status in real time (Real Time mode) and to download the Events Buffer.

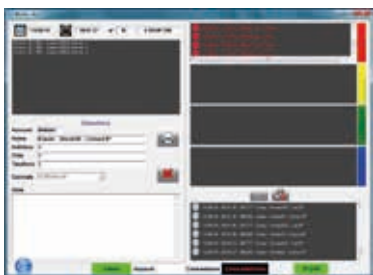
Furthermore, it is possible to have complete control of the status of the inputs, outputs and it is also possible to interact by switching the system on / off. All operations are subject to the insertion of an enabled user code.

**System requirements:** Windows®, XP SP2®, VISTA®, Windows 7/8/10® - **Compatibility:** CAPTURE/XTREAM/ RAPTOR control panels - **Programming:** USB – TCP/IP – CLOUD - **License conditions:** The software is provided by AVS Electronics in demo version. This version makes the software usable for 15 days from installation free of charge

1104114 **LIC-XUSER**

### License for XUSER software activation

## PROGRAMMING SOFTWARE AND EVENT RECEPTION, MODEM



1104101 **WINREC**

### Event reception software

#### EVENT RECEPTION

Remote event reception with PSTN e TCP-IP connection - IP protocols : CONTACT ID, SIA - Protocols with PSTN MODEM: CONTACT ID, SIA, SIA HAYES, FAST PROGRAMMING - Control panel software programming with XS40U interface or AVS MODEM - Compatibility: CONCORDE/ADVANCE 88 - Compatibility modem: XM40 Plus - XM40 - XS40U

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

**NOTE:**® the above trademarks belong to their respective owners

1104123 **LIC-WINREC**

### User license for WINREC software

User license that allows the activation of the events reception program included in WINREC software

## COMPATIBILITY CHART FOR CONTROL PANELS & ACCESSORIES

PRODUCTS	XTREAM 6	XTREAM 32	XTREAM 64	XTREAM 640	RAPTOR R-RK-RT	RAPTOR R LC- RK LC	CAPTURE
<b>KEYPADS</b>							
A300 - A300 PLUS	.	.	.	.			.
A600 EVO - A600 EVO PLUS	.	.	.	.	.		.
A500 - A500 PLUS - A500 CARBON	.	.	.	.	.		.
ICE - ICE BL	.	.	.	.	.		.
<b>WIRELESS AND WIRED EXTENSION MODULE</b>							
XEXP 8	.	.	.	.			
XSAT 2	.	.	.	.			
XSAT 8	.	.	.	.			
XSAT 36	.	.	.	.			.
XSAT MINI	.	.	.	.			.
XSAT HP MINI	.	.	.	.			.
XSAT HP	.	.	.	.			.
XSAT WS 4	.	.	.	.			.
XSAT WS4 VIDEO	.	.	.	.	.		.
C8					.		.
AMPLIBUS	.	.	.	.			
RVS (video repeater)					.		
<b>VOCAL MODULES</b>							
XSINT	.	.	.				
<b>PSTN / GSM MODULES</b>							
XGSM - XGSM 4G	.	.	.	.			.
XGSM485 4G - XGSM485PRO 4G	.	.	.	.	.		.
PSTN B					.		
<b>RS485 POWER SUPPLIES</b>							
XSATPW 3/5/Q	.	.	.	.			.
POWER 3/5/Q	.	.	.	.			.
PWCPT					.		.
PWCPTM					.		.
<b>PROXIMITY READERS</b>							
RS	.	.	.	.			.
TOUCH	.	.	.	.			.
TOY L /LN						.	(Only RK LC)
<b>TCP - IP MODULES - RS232 - WEB SERVER - MOBILE APP - GATEWAY</b>							
EWEB PLUS / EWEB PLUS VIDEO	.	.	.	.			.
EWEB PLUS B / EWEB PLUS B VIDEO	.	.	.	.	.		.
EWEB WIFI II	.	.	.	.			.
EWEB WIFI II B	.	.	.	.	.		.
XGATE	.	.	.	.	.		.
<b>REMOTE MANAGEMENT AND C.M.S. SOFTWARE</b>							
XM40PLUS (only for events receptions)	.	.	.	.	.	.	.
WINREC (only for events receptions)	.	.	.	.	.	.	.
XWIN	.	.	.	.	.	.	.
ELM-IT	.	.	.	.	.		.
LIC-ELMXLB	.	.	.	.	.		.
LIC-XGATE PLUS	.	.	.	.	.		.
LIC PLUGINGSC	.	.	.	.	.		.
XUSER e LIC-XUSER	.	.	.	.	.		.

**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**



No telephone line?  
With **STARLINK 4G** you have  
all the freedom 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



STARLINK 4G PRO



STARLINK 4G PRO B

**1170128 STARLINK 4G PRO**

**Telephone dialer and bidirectional interface over LTE / 4G networks - board only**

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 - Compliant with RED Directive - Compatibility: UNIVERSAL

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

**1170129 STARLINK 4G PRO B**

**Telephone dialer and bidirectional interface over LTE / 4G networks - in box**

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

DIGIVOC



**1107125 DIGIVOC**

**Speech synthesis for STARLINK 4**

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

CONT SX



**1183108 CONT SX**

**Compact housing for modules and PCB**

Housing with metal base and ABS cover - Dimensions (LxHxW): 164x110x36 mm - Compatibility: XSAT2, XSAT8, STARLINK 4G PRO, XGSM 485 4G

CONT SAT W



**1122102 CONT SAT W**

**Housing for modules and PCB**

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

KP5



**1172108 KP5**

**GSM antenna extension cable**

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



# Design, technology and reliability for your indoor security!

INDOOR VOLUMETRIC DETECTORS



Wide range of PIR digital detectors, with a modern and elegant design, to grant high reliability, maximum detection quality and a total security.



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: 2.20 m standard, max 2.70 m - Dimensions (LxHxW): 65 x 120 x 39 mm

**CERTIFICATION: IMQ 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 - 11 mA - Height of installation: 2.2 m standard, max 2.70 m - Dimensions (LxHxW): 65 x 120 x 39 mm

**CERTIFICATION: IMQ EN 50131 Grade 2 CLASS 2**

**INCERT CERTIFICATION UP to 12 m**

**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 EN 50131 Grade 3 CLASS 2**

**INCERT CERTIFICATION UP to 12 m**

**JET HP - RS485 DUAL TECHNOLOGY INDOOR DETECTORS****1130144 JET DT HP PLUS****Digital dual technology detector RS485 with antimasking**

Dual tech PIR + microwave - Detection range: 15 m - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics - Mirror look down for anti-masking lens - PET Immunity - Connection: RS485 - ANTIBLINDING with active IR - 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 - "GREEN FUNCTION": Microwave block function when panel is disarmed - Event memory 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 - Height of installation: 2.2 m standard, max 2.7 m - 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 m - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics - Mirror look down for anti-masking lens - PET Immunity - Connection: RS485 - Control and monitoring with oscilloscope function and parameters setting via XWIN software - Alarm setting: AND - Microwave frequency: 10,525 GHz - "GREEN FUNCTION": Microwave block function when panel is disarmed - Aux input for anti-wall removal protection - Programmable LEDs - Height of installation: 2.2 m standard, max 2.7 m - Power supply and power consumption: 13.8 Vdc - 49 mA max - Environmental condition: -20°C + 55°C - Dimensions (LxHxD): 65 x 120 x 39 mm

## JET 360 - PIR & OT INDOOR DETECTOR FOR CEILING

Code Item - Features



### 1130159 JET PA 360

#### 360° ceiling passive infrared detector

IR with Fresnel lens - IR range: 6 meters on 360° - Selectable line balancing elements (1 – 2,2 – 4,7 – 10 Kohm) - Thermal compensation - Alarm LED - Power supply and power consumption: 13.8 Vdc - 4 mA - Installation height: from 2,5 to 4 m - Dimensions: Ø 116,5 – H 2,9

### 1130160 JET DT 360

#### 360° ceiling IR + MW dual technology detector

IR with Fresnel lens - IR range: 8 meters on 360° - Operation: AND, OR/SECURITY (IR integration) - Selectable line balancing elements (1 – 2,2 – 4,7 – 10 Kohm) - Thermal compensation - Microwave frequency: 10.525 GHz - Alarm, infrared and microwave LED - Power supply and power consumption: 13.8 Vdc - 11 mA - Installation height: from 2,5 to 4 m - Dimensions: Ø 135 – H 2,9

## SPY M - VOLUMETRIC INDOOR MICROWAVE DETECTORS



### 1130116 SPY M2

#### Double microwave detector

ANTI-MASKING - Coverage: 12 m 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

Same functional features as model K21 T - without tamper

### 1130137 K21T

#### Wall and ceiling bracket for JET detectors with tamper

Wall and ceiling anti-tear protection - Internal cableway - Certification: EN50131 Grade 2 - Compatibility: JET range

K21/K21T



### 1134109 KB

#### Wall bracket for detectors SPY/ONE/SPECTRUM

Same functional features as model KBT - without tamper

### 1134110 KBT

#### Wall bracket with tamper for detectors SPY/ONE/SPECTRUM

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

KB  
KBT





# Where does your security start?



A wide range of outdoor detectors, wired and wireless, low consumption and universal, for the perimetral protection of industrial, commercial and residential sites, as well as balconies, gardens, terraces, warehouses, parkings and buildings in general.

## ONE - DIGITAL CURTAIN DETECTORS FOR OUTDOOR PROTECTION



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 adhesive 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 curtain 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

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 stand-by 25mA - Power consumption in alarm 31mA - 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 stand-by 25mA - Power consumption in alarm 31mA - 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 for detector ONE

Cover for rain protection for detector ONE

SSC



### 1135110 SSC

#### Rain protection cap for Spectrum

Frontal shield for rain protection

SSD



### 1135111 SSD

#### Spacer for Spectrum

47 mm spacer, included by default for STD series

SSL



### 1135109 SSL

#### Optional lens for Spectrum

Optional lens to install SPECTRUM at 2,2 meters high (not for WALL models)

KB  
KBT



### 1135112 STA

#### Tamper for Spectrum

Optional mechanical tamper

### 1134109 KB

#### Wall bracket for detectors SPY/ONE/SPECTRUM

Same features of KBT - without anti-removal tamper

### 1134110 KBT

#### Wall bracket with tamper for detectors SPY/ONE/SPECTRUM

Anti-removal wall tamper - Internal cable passing - Compatibility: SPY/ONE/SPECTRUM

## 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 - "GREEN FUNCTION": Microwave block function when panel is disarmed - Consumption: 65-77 mA - Power supply: 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 - Set-up for a videocamera - 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



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



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 - Alarm 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 microwave barrier 200 meters range

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 230 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, 230 Vac

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 - Alarm 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, 230 Vac

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, 230 Vac

Same as BM 120 HP VAC with MW range up to 200 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) - Power supply: 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 230 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, 230 Vac**

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 - Alarm 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, 230 Vac**

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

### 1180227 **PRO BUS**

**Serial RS485 protection module**

The PRO BUS module offers greater protection of the RS 485 serial bus from voltage transients, caused by lightning or voltage fluctuations. Recommended for use in photovoltaic sites or large industrial plants. Available serials bus: n° 1 serial bus input / n° 1 serial bus output - Power supply: 13.8 Vdc - Maximum consumption: 0 mA - Dimensions (LxHxD): 45 x 40 x 20 mm - Compatibility: AVS Electronics RS485 serial bus.

### 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 digital detectors RS485 BUS**

Inputs: 4 balanced - Outputs: 8 OC open collector outputs + 8 via optional module XOC8 - Serials: 1 RS485 serial for connection to Xstream Control panel, 2 RS485 serials for connection of serial detectors - Serial peripherals : maxi 16 in stand-alone mode, max 32 in serial mode with Xstream Control panel - Telephone dialler: PSTN integrated, optional GSM mod. XGSM - Consumption: 250 mA - Supplying: 13.8 Vdc - USB programming port for connection to PC and HPWIN software - Dimensions: 230 x 140 x 25 mm (LxHxD) - Compatibility: Xstream/Capture Control panels or stand-alone (universal), OUTSPIDER, BM HP, ONE HP, JET HP, XSAT MINI

**GSM COMMUNICATION ACCESSORIES SEE PAG. 44**

### 1104111 **HPWIN**

**Programming software for digital peripherals**

Functions: program and configuration of control panel for OUTSPIDER, BM HP, JET HP and ONE HP detectors - Local Programming via direct USB connection or remotely via PSTN telephone line with standard modem V.90 or GSM modem and ETHERNET-TCP-IP network - 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 - NOTE: ® the above trademarks belong to their respective owners



## 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

Same as WING2 with brown housing

**1130121 WING2 DT**  
Dual technology curtain detector PIR+MW

ACTIVE INFRARED ANTIMASKING PROTECTION coverage: 4 m. 70° - Curtain coverage - 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 optical opening sensor

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 - Automatic temperature compensation - Dimensions (LxHxD): 35 x 110x31 mm

## ANALOG MICROWAVE BARRIERS



BM60 M

**1141147 BM 60 M**  
Microwave barrier 60 meters range

Detection range MW: up to 60 m - Modulation frequencies: 5 selectable by DIP - Supply voltage: 13,8 Vdc - Current consumption TX+RX: 100 mA - Dimensions (LxHxD): 111x152x196 mm - Housing: ABS with internal inclination adjustment

**1141100 BM 120 M**  
Microwave barrier 120 meters range

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



BM120 M  
BM200 M

**1141113 BM 200 M**  
Microwave barrier 200 meters range

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



Code      Item - Features

**1135101    KIT SP**  
**Inox bracket pole mounting for Spectrum**  
 2 pieces - Pole diameter: 40 mm - Compatibility with SPECTRUM



SP OUT

**1135106    SP-OUT**  
**Pole mounting bracket for Outspider**  
 Pole diameter : 40 mm - Compatibility: OUTSPIDER range



SM OUT

**1135107    SM-OUT**  
**Wall mounting 90° bracket for Outspider**  
 90° stainless steel support - Compatibility: OUTSPIDER range

**1135108    ST-OUT**  
**Pipe-fixing bracket for Outspider**

Support in steel for wall fixing of an electric tube Ø 20 mm - Compatibility: OUTSPIDER range



SB 20

**1143107    SB 20**  
**Wall bracket 20 cm for BM barriers**

Cold galvanizing - Compatibility with: BM M, BM HP



SB 60

**1143108    SB 60**  
**Wall bracket 60 cm for BM barriers**

Cold galvanizing - Compatibility with: BM M, BM HP



SB 120

SB 130

**1143105    SB 120**  
**Floor standing pole 120 cm for BM barriers**

Cold galvanizing - Compatibility with: BM M, BM HP

**1143106    SB 130**  
**Buried pole 130 cm for BM barriers**

Cold galvanizing - Compatibility with: BM M, BM HP



TERM 1

**1143102    TERM 1**  
**Heating kit**

1 piece - Compatibility with: BM M, BM HP

## BRACKETS AND POLES FOR OUTDOOR BARRIERS



AMP

Code      Item - Features

**1143100    AMP**  
**Anti-removal kit for BM**

1 piece - Compatibility with: BM M, BM HP



BR 100

**1144105    BR100**  
**Remote panel for BF100A/R barriers**

Connection: Serial Bus RS485 to connect the barriers - Up to 4 units, BM M, BF100R, BF100A Compatibility with max 4 modules LCDW



LCDW

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

LED display for remote control of BM M signal Compatibility with BR 100



# Beautiful and powerful like the legendary "sirens"



A range of sirens for the acoustic signalisation of alarms in small, medium and big plants. Many models, looks and performances, the sirens have low consumption LED optics for system status notification, easily adaptable to any applications.

## INDOOR SIRENS



TS 22

Code Item - Features

**1160100 TS 22 B**

**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 110 x 50 mm

## CITY LED RANGE - OUTDOOR SELF-POWERED SIRENS



CITY LED

**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 - Housing: ABS, Ivory look finishing - Cover Flash: transparent - 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 with advanced functions - 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 - Housing: ABS, Ivory Classic look finishing - Cover Flash: transparent - 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 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 - Housing: ABS, Ivory Classic look finishing - Cover Flash: transparent - 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, Xstream control panel

**CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4**

**NOTE: COLOR RANGE AT PAGE 70**

## TS85 LED RANGE - OUTDOOR SELF-POWERED SIRENS

Code Item - Features



TS85P LED PLUS

### 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 - Housing: base and cover in ABS, Ivory look finishing - Cover Flash: transparent - 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: - Housing: base in ABS, external cover in Ivory look painted steel and second internal cover in painted steel, Ivory Classic look finishing - Cover Flash: transparent

**CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4**

### 1161136 TS 85X LED PLUS

#### Outdoor Led siren - Stainless Steel

Same features as the TS85 P LED PLUS with: - Housing: base in ABS, internal cover in painted steel, external cover in stainless steel - Cover Flash: light blue

**CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4**

## TS85 LED RANGE - OUTDOOR SELF-POWERED SIRENS WITH RS485 BUS



TS85X LED PLUS

### 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 - Housing: base and cover in ABS, second internal cover in painted steel, Ivory look finishing - Cover Flash: transparent - 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, Xstream control panel

**CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4**

### 1161135 TS 85V LED HP

#### Outdoor Led siren on RS485 Bus - Ivory Metal

Same features as the TS85 P LED HP with: - Housing: base in ABS, external cover in Ivory look painted steel and second internal cover in painted steel, Ivory look finishing - Cover Flash: transparent

**CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4**

### 1161137 TS 85X LED HP

#### Outdoor Led siren on RS485 Bus - Stainless Steel

Same features as the TS85 P LED HP with: - Housing: base in ABS, internal cover in painted steel, external cover in stainless steel - Cover Flash: light blue





**CERTIFICATION: INCERT EN50131 GRADE 3 CLASS 4**

**NOTE: COLOR RANGE AT PAGE 70**



## SIRENS COLOR RANGE



## CITY LED - COLOR RANGE

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

## TS85 LED - COLOR RANGE

	<b>LED SELF-POWERED OUTDOOR SIREN COPPER LOOK ABS</b>	<b>TS85P C LED PLUS</b> 1161153	<b>TS85P C LED HP</b> 1161155
	<b>LED SELF-POWERED OUTDOOR SIREN BRONZE LOOK ABS</b>	<b>TS85P B LED PLUS</b> 1161152	<b>TS85P B LED HP</b> 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

## 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 light blue finishing - Compatibility with CITY LED and TS85 LED range

**1184147 CFO**  
Orange flash cover

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

**1184172 CFR**  
Red flash cover

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

**1184160 CFT**  
Transparent flash cover

Siren flash cover with transparent 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 BARRIERS

Code Item - Features



BF100 A

1142101 **BF 100 A**

### Optical smoke barrier

Detection range: max 100 m - 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**



BF100 R

BFS

1142105 **BF 100 R**

### Reflecting smoke barrier

Detection range: up to 70 m 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 m - Compatibility with BF 100R

1144105 **BR100**

### Remote panel for BF100A/R barriers

Connection: Serial Bus RS485 to connect the barriers - Up to 4 units, BM M, BFI00R, BFI00A. Compatibility with max 4 modules LCDW

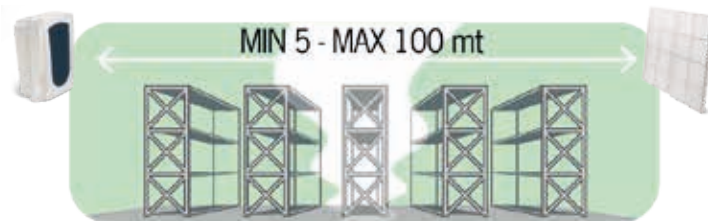
1144104 **BF TEST**

### Filter testing kit for BF 100A/R

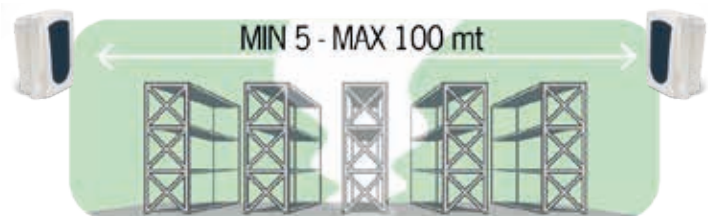
Functions: to be used for installation testing - Compatibility with: BF 100R - BF 100A



BF TEST



EXAMPLE OF APPLICATION BF100 R



EXAMPLE OF APPLICATION BF100 A





Foggy



## What if "fog" is 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.

Foggy<sup>30</sup>



Code Item - Features

**1176113 FOGGY 30W**

**Fogging protection system, white box ideal for areas of about 100 m<sup>2</sup>**

Coverage volumes: 10" activation: 100 m<sup>3</sup> / 20" activation: 200 m<sup>3</sup> / 60" activation: 300 m<sup>3</sup> , 60" of pulsed activation: until 1900 m<sup>3</sup> - Tank capacity 1 liter - Number of activations: 50 activations of 10" each - 16 activations of 30" each - Wireless anti-robbery (standard receiver), BIP remote control (optional) - Nozzles available: 90° with one jet (series)/3 with different angles (optional) - Supplying 220 Vac - Consumption during heating 600 Watt - Maintenance consumption 60 / 120 Watt - Back-up battery: 2 x 12 Vdc 1,2Ah - Initial heating time 12 minutes - Heating time after an activation: max 3 minutes - Functioning during mains 230 Vac absence: max 1 hour - 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 - Events memory 1000 events - System diagnosis: Via USB connection on the control PCB or with GSM remote connection by optional PCB XGSM - Firmware updating via PC with dedicated software – Metal housing white color - Dimensions (LxHxD): 358 x 264 x 166 mm - Weight: 15 Kg.

**IMQ APPROVAL – EN 50131-8**

**SUPPLIED with FULL TANK AND SINGLE-JET 90° NOZZLE**

**1176114 FOGGY 30G**

**Fogging protection system, grey box**

Same features as Foggy 30W with grey box

**1176115 FOGGY 30A**

**Fogging protection system, anthracite box**

Same features as Foggy 30W with anthracite-grey box

Foggy<sup>50</sup>



**1176100 FOGGY 50W**

**Fogging protection system, ideal for areas of about 250 m<sup>2</sup>**

Coverage volumes: 20" activation: 250 m<sup>3</sup> / 40" activation: 500 m<sup>3</sup> / 60" activation: 750 m<sup>3</sup> , 60" of pulsed activation: up to 1900 m<sup>3</sup> - Tank capacity 1.3 liters - Number of activations: 35 activations of 20" each - 11 activations of 60" each - Wireless anti-robbery (standard receiver), BIP remote control (optional) - Nozzles available: 90° with one jet (series)/3 with different angles (optional) - Supplying 220 Vac - Consumption during heating 600 Watt - Maintenance consumption 60 / 200 Watt - Back-up battery: 2 x 12 Vdc 1,2Ah - Initial heating time 20 minutes - Heating time after an activation: max 5 minutes - Functioning during mains 220 Vac absence: max 1 hour - 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 - Events memory 1000 events - System diagnosis: Via USB connection on the control PCB or with GSM remote connection by optional PCB XGSM - Firmware updating via PC with dedicated software – Metal housing white color - Dimensions (LxHxD): 480x353x166 mm - Weight: 22 Kg.

**IMQ APPROVAL – EN 50131-8**

**SUPPLIED with FULL TANK AND SINGLE-JET 90° NOZZLE**

**1176101 FOGGY 50G**

**Fogging protection system, grey box**

Same features as Foggy 50W with grey box

**1176102 FOGGY 50A**

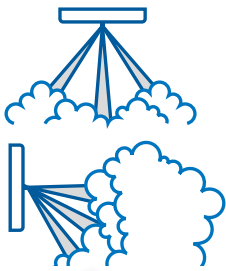
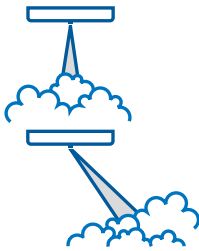
**Fogging protection system, anthracite box**

Same features as Foggy 50W with anthracite-grey box

Code Item - Features



ER 160



PRL10



RIC 15  
RIC 10



LBL



FDEMO 30

1176103 **ER160**  
**Single-jet nozzle opening at 60°**

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

1176105 **ER360**  
**Three-jet nozzle opening at 60°**

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

1176104 **ER390**  
**Three-jet nozzle opening at 90°**

It makes three jets with 90° inclination. Recommended for ceiling installation

1176106 **PRL10**  
**Foggy 10 cm extension for nozzle**

10 cm nozzle extension. Recommended for installation between ceiling and countertop

1176112 **KEY ER**  
**Socket wrench for nozzle**

Socket wrench for an easy nozzle removal

1176107 **SRB15**  
**Additional tank 1,5 Liters**

Steel tank: allows the recharge of 1,3 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 1,3 Liters**

Tank recharge of 1,3 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**

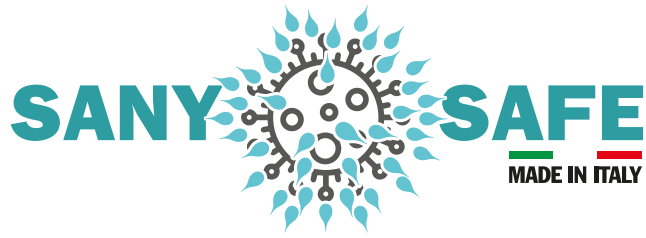
PC software for local programming via USB port or via GSM connection with XGSM optional module - Real time control and diagnostic, temperature and liquid level control – Special functions: GSM module set-up, memory events, firmware update - System data: Windows® XP SP2®, VISTA®, Windows 7/8/10® - NOTE: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

1176110 **FDEMO**  
**Foggy 50 System - demonstration kit**

1176118 **FDEMO30**  
**Foggy 30 System - demonstration kit**



sanysafe.it/en



**UNI EN**  
14476:2019

# Effectiveness tested against Coronavirus



## The best solution for the environmental sanitization

### Why Sany Safe Super Fast?



Effectiveness of environmental sanitization at 360°



Easy to program by the APP



No toxic, freshness in the air!



Ready to use



Long autonomy up to 8 months



SIM CARD included



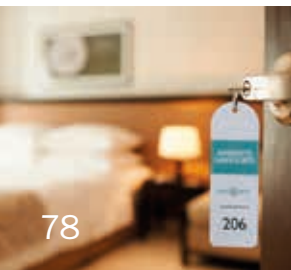
Lightweight and easy to handle



Energy saving



Bluetooth



Code Item - Features



**1176151 SANY SAFE L 2G - WHITE**

**Sanitizer with GSM 2G integrated module and SIM CARD included**

Coverage volumes: from 20 m3 to 300 m3 - Tank capacity (not included): 5 L / 10 L / 25 L - Autonomy of sanitization days depends on intensity, frequency, volume of the environment, tank capacity (8 months with: light intensity / 1 day a week / 100 m3 / 25 L) - Nozzle: 90° - 3 jets - Power supply: 230 Vac ( 110 Vac on request) - Consumption during sanitization: 600 W - Maintenance consumption 60 W - 2G Module telephonic included - SIM CARD Included and active for 2 YEARS (available for all EU countries) - GPRS always connected with CLOUD – Programming and user management by APP Sany Safe - Dimensions (LxHxP): 264 x 358 x 166 mm - Weight: 12 Kg.

**1176153 SANY SAFE L 4G - WHITE**

**Sanitizer with GSM 4G integrated module and SIM CARD included**

Same SANY SAFE L 2G features, with 4G integrated module and App connection in GPRS via LTE/4G - Dimensions (LxHxP): 264 x 358 x 166 - Weight: 12 Kg.



**1176171 SANY SAFE SUPER FAST BLUETOOTH**

**Portable version with BLUETOOTH - with handle and electrical plug**

Coverage volumes: from 20 m3 to 300 m3 - Built-in tank capacity: 2 L – Recharge tanks available: 5 L - 10L -25L - Nozzle: 90° - 3 jets - Power supply: 230 Vac (110 Vac on request) - Consumption during sanitization: 600 W - Maintenance consumption 60 W - Bluetooth included - Programming and user management by APP Sany Safe - Dimensions (LxHxP): 350 x 238 x 250 mm - Weight: 8,6 Kg. (with empty tank)

**1176170 SANY SAFE SUPER FAST 4G**

**Portable version with 4G integrated module - with handle and electrical plug**

Same features of SANY SAFE SUPER FAST BLUETOOTH, with 4G integrated module and App connection in GPRS via LTE/4G - Dimensions (LxHxP): 350 x 238 x 250 mm - Weight: 8,6 Kg. (with empty tank)



**1176150 SANY SAFE XL 2G - WHITE**

**Sanitizer with GSM 2G integrated module and SIM CARD included**

Coverage volumes: from 100 m3 to 600 m3 - Tank capacity (not included): 5 L / 10 L / 25 L - Autonomy of sanitization days depends on intensity, frequency, volume of the environment, tank capacity (8 months with: light intensity / 1 day a week / 100 m3 / 25 L) - Nozzle: 90° - 3 jets - Power supply: 230 Vac ( 110 Vac on request) - Consumption during sanitization: 1.000 W - Maintenance consumption 60 W - GSM 2G Module included - SIM CARD Included and active for 2 YEARS (available for all EU countries) - GPRS always connected with CLOUD – Programming and user management by APP Sany Safe - Dimensions (LxHxP): 353 x 480 x 166 mm - Weight: 18,5 Kg.

**1176152 SANY SAFE XL 4G - WHITE**

**Sanitizer with GSM 4G integrated module and SIM CARD included**

Same SANY SAFE XL 2G features, with 4G integrated module and App connection in GPRS via LTE/4G - Dimensions (LxHxP): 353 x 480 x 166 mm - Weight: 18,5 Kg.

**1176205 SSL5**

**Tank - SANY SAFE fluid 5 L**

SANY SAFE tank 5 L with tank activation card – Dimensions (LxHxP): 145 x 260 x 195 mm

**1176210 SSL10**

**Tank - SANY SAFE fluid 10 L**

SANY SAFE tank 10 L with tank activation card – Dimensions (LxHxP): 195 x 315 x 215 mm

**1176225 SSL25**

**Tank - SANY SAFE fluid 25 L**

SANY SAFE tank 25 L with tank activation card – Dimensions (LxHxP): 240 x 440 x 290 mm



5 L      25 L      10 L

**PRODUCTS INDEX IN ALPHABETICAL ORDER**

<b>CODE</b>	<b>PRODUCT</b>	<b>FEATURES</b>	<b>PAGE</b>
1111100	A300	Compact LCD keypad with white cover	42
1111101	A300 PLUS	Compact LCD keypad with grey cover	42
1111119	A500	Smart LCD keypad - white color	42
1111126	A500 CARBON	Smart LCD keypad - carbon look	42
1111127	A500 CARBON PLUS	Smart LCD keypad with audio and NFC Ready - carbon look	42
1111120	A500 PLUS	Smart LCD keypad with audio and NFC Ready -white color	42
1113105	A500 PLUS WS 4 C	Bidirectional LCD wireless keypad, with advanced functions, carbon look	18
1113104	A500 PLUS WS4	Bidirectional LCD wireless keypad, with advanced functions, white colour	18
1113101	A500 WS 4 C	Bidirectional LCD wireless keypad, carbon look	18
1113100	A500 WS4	Bidirectional LCD wireless keypad, white colour	18
1111109	A600 EVO	Compact LCD keypad	42
1111110	A600 EVO PLUS	Advanced LCD keypad with audio and proximity reader TOUCH/NFC	42
1164110	ALCITYWS 4	Power supply unit for wireless bidirectional siren	28
1143100	AMP	Anti-removal kit	66
1143116	AMPLIBUS	Insulator and serial RS485 amplifier	51
1143118	BATT BM HP VAC	Battery for microwave barriers	63
1194100	BATT D4	Battery for bidirectional wireless siren CITY WS 4	31
1142101	BF 100 A	Optical smoke barrier	74
1142105	BF 100 R	Reflecting smoke barrier	74
1144104	BF TEST	Filter testing kit for BF 100A/R	74
1144101	BFS	Additional reflecting kit	74
1112122	BIP 4 PLUS	Bidirectional 8-channels remote control - ivory housing	18
1112123	BIP 4 PLUS C	Bidirectional 8-channels remote control - carbon look	18
1141156	BM 120 HP	Digital outdoor microwave barrier 120 meters range	62
1141175	BM 120 HP 24G	Digital outdoor microwave barrier 120 meters range - 24 GHz	62
1141177	BM 120 HP 24G VAC	Digital outdoor microwave barrier 120 meters range - 24 GHz	63
1141162	BM 120 HP VAC	Digital outdoor microwave barrier 120 meters range	62
1141100	BM 120 M	Microwave barrier 120 meters range	64
1141157	BM 200 HP	Digital outdoor dual technology detector IR+MW 200 meters	62
1141163	BM 200 HP VAC	Digital outdoor microwave barrier 200 meters range	62
1141113	BM 200 M	Microwave barrier 200 meters range	64
1141155	BM 60 HP	Digital outdoor microwave barrier 60 meters range	62
1141174	BM 60 HP 24G	Digital outdoor microwave barrier 60 meters range - 24 GHz	62
1141176	BM 60 HP 24G VAC	Digital outdoor microwave barrier 60 meters range - 24 GHz	63
1141161	BM 60 HP VAC	Digital outdoor microwave barrier 60 meters range	62
1141147	BM 60 M	Microwave barrier 60 meters range	64
1184175	BOX CITY B	Box CITY B LED - Bronze look ABS	71
1184176	BOX CITY C	Box CITY C LED - Copper look ABS	71
1184159	BOX CITY CARBON	Box CITY CARBON LED - Carbon look ABS	71
1184166	BOX CITY LED/PLUS/HP	Box CITY LED - Ivory look ABS	71
1184167	BOX CITY X LED/PLUS/HP	Box CITY X LED - Inox look ABS	71
1184177	BOX TS 85P B	Box TS 85P B LED - Bronze look ABS	71
1184178	BOX TS 85P C	Box TS 85P C LED - Copper look ABS	71
1184168	BOX TS85P LED/HP	Box TS 85P LED PLUS - Ivory look ABS	71
1184169	BOX TS85V LED/HP	Box TS 85V LED PLUS - Ivory look metal	71
1184170	BOX TS85X LED/HP	Box TS 85X LED PLUS - Stainless Steel	71
1144105	BR100	Metal housing for remote control PCB	66
1144105	BR100	Metal housing for remote control PCB	74
1120125	C8	Zones and outputs extension module	19
1100218	CAPTURE 128M	Control panel 128 zones with remote management	36
1100182	CAPTURE 16	Control panel 16 zones with remote management	35
1100193	CAPTURE 16M	Control panel 16 zones with remote management	35
1100180	CAPTURE 32	Control panel 32 zones with remote management	36
1100194	CAPTURE 32M	Control panel 32 zones with remote management	36
1100217	CAPTURE 64M	Control panel 64 zones with remote management	36
1100178	CAPTURE 8	Control panel 8 zones with remote management	35
1191296	CAPTURE SYSTEM DEMO CASE	Capture system demo case in high resistant PVC	37
1184161	CFB	Light blue cover flash	72
1184147	CFO	Orange flash cover	72
1184172	CFR	Red flash cover	72
1184160	CFT	Transparent flash cover	72
1161140	CITY LED	Outdoor LED siren - Ivory Abs	68
1161129	CITY LED HP	Outdoor Led siren on RS485 Bus - Ivory Abs	68
1161128	CITY LED PLUS	Outdoor Led siren - Ivory Abs	68
1164107	CITY WS 4	Bidirectional wireless self-powered siren	28
1164108	CITY WS 4 C	Carbon look bidirectional wireless self-powered siren	28
1130142	CLI	Curtain lens for JET detectors	25
1130142	CLI	Curtain lens for JET detectors	58
1112108	CLIP	BIP 4 remote control support	18
1122102	CONT SAT W	Housing for modules and PCB	51
1122102	CONT SAT W	Housing for modules and PCB	55
1122103	CONT SAT WX	Housings for extension modules	51
1183108	CONT SX	Compact housing for modules and PCB	50
1183108	CONT SX	Compact housing for modules and PCB	55



CODE	PRODUCT	FEATURES	PAGE
1183109	CONT SX Metal	Compact housings for extension modules	51
1180147	CONT XTREAM	Polyvalent metal housings	51
1180155	CONT XTREAM S	Polyvalent metal housings	51
1184162	COS LED	Loud speaker for LED range sirens	72
1188102	DCP	Wall spacers for housings, control panels, power unit	51
1107125	DIGIVOC	Speech synthesis for STARLINK 4	55
1104108	ELM	Centralization software with graphical maps	48
1176103	ER160	Single-jets nozzle opening at 60°	77
1176105	ER360	Three-jets nozzle opening at 60°	77
1176104	ER390	Three-jets nozzle opening at 90°	77
1105140	EWEB PLUS 2	LAN/Ethernet network board	46
1105141	EWEB PLUS 2 B	Optional board LAN/Ethernet and web server	19
1105137	EWEB PLUS B VIDEO	Optional board LAN/Ethernet with VIDEO	19
1105136	EWEB PLUS VIDEO	Optional board LAN/Ethernet with VIDEO	47
1105130	EWEB WIFI II	WiFi and Web Server network board	46
1105134	EWEB WIFI II B	WiFi and Web Server network board	19
1176110	FDEMO	Foggy 50 System - demonstration kit	77
1176118	FDEMO30	Foggy 30 System - demonstration kit	77
1187113	FMDD	Fuse holder with replaceable fuse for smart home wireless modules MDD 201 – pack of 5 pcs	11
1187112	FMDR	Fuse holder with replaceable fuse for smart home wireless modules MDR 201 – pack of 5 pcs	11
1187111	FMDS	Fuse holder with replaceable fuse for smart home wireless modules MDS 201/MDS 202 – pack of 5 pcs	11
1176115	FOGGY 30A	Fogging protection system, ideal for areas of about 100 m2	76
1176114	FOGGY 30G	Fogging protection system, ideal for areas of about 100 m2	76
1176113	FOGGY 30W	Fogging protection system, ideal for areas of about 100 m2	76
1176102	FOGGY 50A	Fogging protection system, ideal for areas of about 250 m2	76
1176101	FOGGY 50G	Fogging protection system, ideal for areas of about 250 m2	76
1176100	FOGGY 50W	Fogging protection system, ideal for areas of about 250 m2	76
1104112	FWIN	Software	77
1131141	GHOST WS 4 PLUS	Bidirectional wireless two-channels transmitter with magnetic contact - white housing	24
1131157	H2O WS4	Bidirectional wireless water detector - white housing	25
1104111	HPWIN	Programming software for digital peripherals	63
1111123	ICE	4.3" Touch screen keypad NFC ready with white cover	42
1111130	ICE BL	4.3" Touch screen keypad NFC ready with black cover	42
1131138	JET 360 WS 4	Bidirectional wireless 360° ceiling infrared detector	22
1130134	JET DT	IR + MW dual technology detector	57
1130160	JET DT 360	360° ceiling IR + MW dual technology detector	58
1130135	JET DT AM	IR + MW dual technology detector with antimasking	57
1130143	JET DT HP	Digital dual technology detector RS485	57
1130144	JET DT HP PLUS	Digital dual technology detector RS485 with antimasking	57
1131133	JET DT WS 4	Bidirectional wireless double technology detector with antimasking	22
1130133	JET PA	Passive infrared detector	57
1130159	JET PA 360	360° ceiling passive infrared detector	58
1131134	JET PA WS 4	Bidirectional wireless passive infrared detector with antimasking	22
1131155	JET PA WS 4 VIDEO	Bidirectional wireless passive infrared detector with antimasking and camera / audio integrated	21
1131155	JET PA WS 4 VIDEO	Bidirectional wireless passive infrared detector with antimasking and camera / audio integrated	47
1130136	K21	Wall and ceiling bracket for JET detectors	25
1130136	K21	Wall and ceiling bracket for JET detectors	58
1130137	K21T	Wall and ceiling bracket for JET detectors	58
1134109	KB	Wall bracket for detectors SPY/ONE/SPECTRUM	30
1134109	KB	Wall bracket for detectors SPY/ONE/SPECTRUM	58
1134109	KB	Wall bracket for detectors SPY/ONE/SPECTRUM	61
1134110	KBT	Wall bracket with tamper for detectors SPY/ONE/SPECTRUM	30
1134110	KBT	Wall bracket with tamper for detectors SPY/ONE/SPECTRUM	58
1134110	KBT	Wall bracket with tamper for detectors SPY/ONE/SPECTRUM	61
1176112	KEY ER	Socket wrench for nozzle	77
1190189	KIT RAPTOR R 4G BASIC M + APP	Bidirectional wireless Kit - Raptor R 4G control panel on network LTE/4G + CARD PREMIUM 1 YEAR	14
1190187	KIT RAPTOR R BASIC M + APP	Kit bidirectional wireless with Raptor R control panel - embedded GSM/GPRS + CARD PREMIUM 1 YEAR	14
1190191	KIT RAPTOR R LC 4G BASIC M	Bidirectional wireless Kit - Raptor R LC 4G control panel on network LTE/4G	15
1190188	KIT RAPTOR RK 4G BASIC M + APP	Bidirectional wireless Kit - Raptor RK 4G control panel on network LTE/4G + CARD PREMIUM 1 YEAR	14
1190186	KIT RAPTOR RK BASIC M + APP	Kit bidirectional wireless with Raptor RK control panel - embedded GSM/GPRS + CARD PREMIUM 1 YEAR	14
1190190	KIT RAPTOR RK LC 4G BASIC M	Bidirectional wireless Kit - Raptor RK LC 4G control panel on network LTE/4G	15
1190169	KIT RVS Video 2	Kit for raptor video verification	21
1190170	KIT RVS Video 4	Kit for raptor video verification	21
1135101	KIT SP	Inox bracket for pole mounting Spectrum	65
1181209	KIT SPACER BLACK x WIC4 MINI	Spacer kit for contact black housing	23
1181208	KIT SPACER BROWN x WIC4 MINI	Spacer kit for contact brown housing	23
1181207	KIT SPACER WHITE x WIC4 MINI	Spacer kit for contact white housing	23
1190178	KIT XSAT WS4 Video 2	Kit for XTREAM video verification	47
1190179	KIT XSAT WS4 Video 4	Kit for XTREAM video verification	47
1172108	KP5	GSM antenna extension cable	55
1176109	LBL	Label indicating "Protected Area"	77
1122104	LCD W	Led/Display signal indicator	66
1176108	LFT	Pulley Kit for installation to the ceiling	77
1104110	LIC-ELMXMLB	Full user licence for ELM software	48

## PRODUCTS INDEX IN ALPHABETICAL ORDER

CODE	PRODUCT	FEATURES	PAGE
1104123	LIC-WINREC	User licence to activate events reception on WINREC	52
9088104	LIC-XGATE PLUS	User licence for XGATE PLUS	48
1104114	LIC-XUSER SOFTWARE	License for XUSER software activation	52
1134111	MC01	Analysis module for switch alarms	52
1120139	MDD 201	Wireless dimmer home automation module (Module + 1 Snubber)	11
1120138	MDR 201	Wireless rolling shutter home automation module (Module + 2 Snubber)	10
1120136	MDS 201	Wireless 1 relay home automation module	10
1120137	MDS 202	Wireless 2 relays home automation module	10
1165141	MOD CITY LED	Spare electronic module for CITY LED siren	72
1165142	MOD SIR HP	Spare electronic module for CITY HP and TS85 HP siren	72
1165140	MOD TS85 LED	Spare electronic module for CITY/TS85 LED PLUS	72
1120103	MR 4	4 Relais module	51
1120104	MR 8	8 Relais module	52
1120141	MR4 PW	Outputs extension module 4 outputs on BUS RS485	11
1120140	MST 015	Temperature probe	11
APP ALARM	MY AVS ALARM	APP for smartphone and tablet, studied for the end user.	33
APP MANAGER	MY AVS MANAGER	Mobile application for installers to program Raptor control panels	29
	MY AVS VIGILANT	Video verification management software for Central Monitoring Station	29
1104124	MYAVSALARM PREMIUM CARD	1-YEAR PREMIUM SUBSCRIPTION CARD	33
1104125	MYAVSALARM PREMIUM CARD	1-YEAR ADDITIONAL DEVICE CARD	33
1132115	ONE DT	Outdoor dual technology curtain detector	60
1132116	ONE DT HP	Outdoor dual technology detector with RS485 Bus	60
1132118	ONE PA	Outdoor infrared curtain detector	60
1132119	ONE PA HP	Outdoor infrared curtain detector with RS485 Bus	60
1132144	ONE PA WS 4	Bidirectional wireless outdoor curtain detector	26
1135113	OSC	Protection cap for detector ONE	30
1135113	OSC	Protection cap for detector ONE	61
1132108	OUTSPIDER DT	Outdoor dual technology detector with antimasking	61
1132149	OUTSPIDER DT WS 4	Bidirectional wireless outdoor dual technology detector with antimasking	27
1132114	OUTSPIDER DT WS U	Wireless outdoor dual technology detector with antimasking	28
1132113	OUTSPIDER DT WS UB	Wireless outdoor dual technology detector with antimasking	28
1132107	OUTSPIDER PA	Outdoor dual PIR detector with antimasking	61
1132148	OUTSPIDER PA WS 4	Bidirectional wireless outdoor passive infrared detector with antimasking	27
1132112	OUTSPIDER PA WS U	Wireless outdoor passive infrared detector with antimasking	27
1132111	OUTSPIDER PA WS UB	Wireless outdoor passive infrared detector with antimasking	27
1120116	POWER 3	Power supply unit - PCB only version	50
1120117	POWER 3Q	Power supply unit in metal housing - serial connection RS485	50
1120118	POWER 5	Power supply unit - PCB only version	50
1120119	POWER 5Q	Power supply unit in metal housing - serial connection RS485	50
1176106	PRL10	Foggy 10 cm extension for nozzle	77
1180227	PRO BUS	Serial RS485 protection module	51
1180227	PRO BUS	Serial RS485 protection module	63
1170125	PSTN B	PSTN communicator for RAPTOR control panel	19
1106110	PW M	Power supply for the wireless bidirectional keypad	19
1180144	PW1	Switching power supply unit 13,8 Vdc 1A	50
1180156	PW1,7	Switching power supply unit 13,8 Vdc 1,7A	50
1180145	PW3	Switching power supply unit 13,8 Vdc 3,4A	50
1180149	PW5	Switching power supply unit 13,8 Vdc 5A	50
1120134	PWCPT	Power Supply unit in metal housing with zones and outputs	37
1120135	PWCPTM	Power Supply unit in metal housing with zones and outputs	37
1122106	PWOUT	Power lines partitor	51
1190180	RAPTOR 4G SYSTEM DEMONSTRATION	Raptor 4G demo case	17
1102113	RAPTOR R	Wireless control panel - 125 zones 220 Ac powered + CARD PREMIUM 1 YEAR	16
1102132	RAPTOR R 4G	Wireless control panel - 125 zones 220 Ac powered on network LTE/4G + CARD PREMIUM 1 YEAR	16
1102150	RAPTOR R LC 4G	Wireless control panel - 125 zones - Battery powered on network LTE/4G	17
1102110	RAPTOR RK	Wireless control panel - 125 zones - Embedded silicon keys keypad 220 Ac powered + CARD PREMIUM 1 YEAR	15
1102128	RAPTOR RK 4G	Wireless control panel - 125 zones - Embedded silicon keys keypad 220 Ac powered on network LTE/4G + CARD PREMIUM 1 YEAR	15
1102149	RAPTOR RK LC 4G	Wireless control panel - 125 zones - Embedded silicon keys keypad battery powered on network LTE/4G	17
1176117	RIC10	Recharge of fogging liquid 1 Liters	77
1176111	RIC15	Recharge of fogging liquid 1,5 Liters	77
1150129	RS 1	Serial Bus proximity readers	43
1121120	RVS VIDEO SATELLITE	Bidirectional Plug-in wireless zone module for video detectors	21
9088101	S85	Optical anti-foam module for Led/Plus sirens	72
1176151	SANY SAFE L 2G - WHITE	Sanitizer with GSM 2G integrated module and SIM CARD included	79
1176153	SANY SAFE L 4G - WHITE	Sanitizer with GSM 4G integrated module and SIM CARD included	79
1176170	SANY SAFE SUPER FAST 4G	Portable version with 4G integrated module - with handle and electrical plug	79
1176171	SANY SAFE SUPER FAST BLUETOOTH	Portable version with BLUETOOTH - with handle and electrical plug	79
1176150	SANY SAFE XL 2G - WHITE	Sanitizer with GSM 2G integrated module and SIM CARD included	79
1176152	SANY SAFE XL 4G - WHITE	Sanitizer with GSM 4G integrated module and SIM CARD included	79
1143105	SB 120	Floor standing pole 120 cm	65
1143106	SB 130	Buried pole 130 cm	65
1143107	SB 20	Wall bracket 20 cm	65
1143108	SB 60	Wall bracket 60 cm	65

CODE	PRODUCT	FEATURES	PAGE
1136109	SD4 WS	Bidirectional wireless optical smoke detector	25
1135107	SM-OUT	Bracket for wall 90° mounting Outspider	65
1187114	SNUBBER	Spark killer for roller shutter and dimmer wireless modules. Pack of 5 pcs.	11
1135106	SP-OUT	Pole mounting bracket for Outspider	65
1132126	SPECTRUM DT AM	Outdoor triple technology detector with antimasking	60
1132145	SPECTRUM DT WS AM 4	Bidirectional wireless outdoor triple technology detector with antimasking	26
1132133	SPECTRUM DT WS STD AM	Wireless universal outdoor triple technology detector with antimasking	28
1132130	SPECTRUM PA WALL	Double side double Pir outdoor detector	60
1132135	SPECTRUM PA WALL AM	Double side double Pir outdoor detector with antimasking	61
1132146	SPECTRUM PA WS WALL 4	Bidirectional wireless double side double PIR outdoor detector	26
1132147	SPECTRUM PA WS WALL AM 4	Bidirectional wireless double side double PIR outdoor detector with antimasking	26
1132134	SPECTRUM PA WS WALL STD	Universal wireless double side double Pir outdoor detector	27
1132137	SPECTRUM PA WS WALL STD AM	Universal wireless double side double Pir outdoor detector with antimasking	27
1130116	SPY M2	Double microwave detector	58
1176116	SRB10	Additional tank 1 Liters	77
1176107	SRB15	Additional tank 1,5 Liters	77
1135110	SSC	Rain protection cap for Spectrum	30
1135110	SSC	Rain protection cap for Spectrum	61
1135111	SSD	Spacer for Spectrum	30
1135111	SSD	Spacer for Spectrum	61
1135109	SSL	Optional lens for Spectrum	30
1135109	SSL	Optional lens for Spectrum	61
1176210	SSL10	Tank - SANY SAFE fluid 10 L	79
1176225	SSL25	Tank - SANY SAFE fluid 25 L	79
1176205	SSL5	Tank - SANY SAFE fluid 5 L	79
1135108	ST-OUT	Bracket for pipe PLUG-IN Outspider	65
1135112	STA	Tamper for Spectrum	30
1135112	STA	Tamper for Spectrum	61
1170128	STARLINK 4G PRO	Telephone dialer and bidirectional interface over LTE / 4G networks	55
1170129	STARLINK 4G PRO B	Telephone dialer and bidirectional interface over LTE / 4G networks	55
1184113	TAMPER CITY LED	Spare tamper	72
1184157	TAMPER CITY LED PLUS/HP	Spare tamper	72
1184158	TAMPER TS85 LED/HP	Spare tamper	72
1143102	TERM 1	Heating kit	65
1131158	TERM WS4	Environmental temperature bidirectional wireless detector- white housing	25
1150126	TOUCH-B	Touch proximity tag	43
1150140	TOY L	Red NFC key ring proximity tag	18
1150140	TOY L	Red NFC key ring proximity tag	43
1150144	TOY LN	Black NFC key ring proximity tag	18
1150144	TOY LN	Black NFC key ring proximity tag	43
1180169	TRCPT	Transformer for Capture 8/16/32	50
1180185	TRCPT M	Transformer for Capture 32M/64M/128M	50
1160100	TS 22	Indoor siren	68
1160102	TS 22 LST	Loud speaker	68
1164115	TS 22 WS4	Bidirectional wireless INDOOR self-powered siren	28
1161133	TS 85P LED HP	Outdoor Led siren on RS485 Bus - Ivory Abs	69
1161132	TS 85P LED PLUS	Outdoor Led siren - Ivory Abs	69
1161135	TS 85V LED HP	Outdoor Led siren on RS485 Bus - Ivory Metal	69
1161134	TS 85V LED PLUS	Outdoor Led siren - Ivory Metal	69
1161137	TS 85X LED HP	Outdoor Led siren on RS485 Bus - Stainless Steel	69
1161136	TS 85X LED PLUS	Outdoor Led siren - Stainless Steel	69
1135105	USB-OUT	USB cable adapter	63
1131142	WIC 4 MINI	Bidirectional wireless two-channels transmitter with double magnetic contact - white housing	23
1131143	WIC 4 MINI B	Bidirectional wireless two-channels transmitter with double magnetic contact - brown housing	23
1131150	WIC 4 MINI N	Bidirectional wireless two-channels transmitter with double magnetic contact - black housing	23
1131144	WIC 4 MINI PLUS	Bidirectional wireless two-channels transmitter with double magnetic contact and shock sensor - white housing	23
1131145	WIC 4 MINI PLUS B	Bidirectional wireless two-channels transmitter with double magnetic contact and shock sensor - brown housing	23
1131151	WIC 4 MINI PLUS N	Bidirectional wireless two-channels transmitter with double magnetic contact and shock sensor - black housing	23
1131131	WIC4	Bidirectional wireless two-channels transmitter with magnetic contact - white housing	24
1131132	WIC4 B	Bidirectional wireless two-channels transmitter with magnetic contact - brown housing	24
1131129	WIC4 PLUS	Bidirectional wireless two-channels transmitter with magnetic contact and shock sensor - white housing	24
1131130	WIC4 PLUS B	Bidirectional wireless two-channels transmitter with magnetic contact and shock sensor - brown housing	24
1130119	WING2	Curtain infrared detector	64
1130120	WING2 B	Curtain infrared detector	64
1130121	WING2 DT	Dual technology curtain detector PIR+MW	64
1130127	WING2 PLUS	Curtain infrared detector with door (window) opening	64
1131137	WING4 MWS	Bidirectional wireless curtain passive infrared detector with antimasking - white housing	25
1131135	WING4 WS	Bidirectional wireless curtain passive infrared detector - white housing	25
1131136	WING4 WS B	Bidirectional wireless curtain passive infrared detector - brown housing	25
1104101	WINREC	Remote management and C.M.S. software	52
1120107	XEXP8	8 zones expansion PLUG-IN module	45
9088106	XGATE	IP gateway module for KNX/EIB - MODBus	48
1171103	XGSM	GSM telephone dialler - Plug-in	44
1171116	XGSM 485 4G	Telephone dialler with RS485 BUS on LTE/4G networks	44

## PRODUCTS INDEX IN ALPHABETICAL ORDER

CODE	PRODUCT	FEATURES	PAGE
1171117	XGSM 485 PRO 4G	Telephone dialler with RS485 BUS on LTE/4G networks	44
1171118	XGSM 4G	Telephone dialler on network LTE/4G	44
1120110	XMR 2	2 Relais module	51
1143113	XOC8	Outputs extension module	63
1120124	XSAT HP MINI	RS485 serial zone extension module	46
1143115	XSAT MINI	RS485 miniature 3 zone expansion module	46
1120112	XSAT PW3	Power Supply unit - PCB only version	45
1120113	XSAT PW3Q	Power Supply unit in metal housing with zones and outputs	45
1120114	XSAT PW5	Power Supply unit - PCB only version	45
1120115	XSAT PW5Q	Power Supply unit in metal housing with zones and outputs	45
1121113	XSAT WS 4 PRO	Bidirectional radio 32 zone extension module	46
1121114	XSAT WS 4 VIDEO	Bidirectional wireless zone module (expansion/repeater) for video and non-video detectors	47
1120109	XSAT2	RS485 serial zone extension module 2 zones and 16 outputs	45
1120111	XSAT36	RS485 serial zone extension module 18 zones and 9 outputs	45
1120108	XSAT8	RS485 serial zone extension module 10 zones and 8 outputs	45
1143112	XSATHP	Extension PCB for digital detectors RS485 Bus	63
1107121	XSINT	Digital vocal messages module	44
1100159	XTREAM 32 EVO	Control panel 32 zones with remote management	41
1100250	XTREAM 32B	Control panel 32 zones with remote management	41
1100164	XTREAM 6 EVO	Control panel 10 zones with remote management	41
1100153	XTREAM 64 EVO	Control panel 64 zones with remote management	40
1100149	XTREAM 640	Control panel 640 zones with remote management	40
1100256	XTREAM 64B	Control panel 64 zones with remote management	40
1100269	XTREAM 6B	Control panel 10 zones with remote management	41
1104102	XWIN	Programming software for AVS control panels with Wizard Included	29
1104102	XWIN	Programming software for AVS control panels with Wizard Included	52
9094120	ZB022	Lithium battery for detectors SPECTRUM WS4/JET WS4/WIC4 WS/A500 WS4	31
9094124	ZB20105	Lithium battery for wireless detectors SPECTRUM WS4 and OUTSPIDER WS4	31
9094126	ZBCR1632	Lithium battery for wireless detector GHOST	31
9094121	ZBCR2032	Lithium battery for remote controls BIP4/WIC4 MINI	31
9094119	ZBDL123A	Lithium battery for wireless detectors JET 360 WS4/WING 4 WS/WIC 4 WS	31
9094123	ZBSL760	Lithium battery for wireless detectors ONE PAWS 4	31



- 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.

© Copyright 2022 - All rights reserved AVS ELECTRONICS Spa, Curtarolo (PD) Italy.

AVS Electronics and AVS Electronics logo are registered marks of AVS Electronics. Other product names or company registered marks are mentioned in this document for identification purposes only and belong to concerned owners. • The manufacturer reserves the right to modify the technical and esthetical characteristic of the products at any time. • The pictures and the product descriptions are only indicative.





**AVS ELECTRONICS S.p.A.**  
Via Valsugana 63  
35010 Curtarolo (PD) - Italy  
Tel. +39 049 9698 411  
Fax +39 049 9698 407  
**avs@avselectronics.it**  
**www.avselectronics.com**



FOLLOW US

