



AUS electronics



RAPTOR

Finally the **WIRELESS** you were looking for.
For your home or business.



RAPTOR RT
Embedded TOUCH SCREEN keypad supplied
in 220 VAC



RAPTOR RK
Embedded LCD keypad supplied in 220 VAC
RAPTOR RK LC
Embedded LCD keypad supplied by batteries
(included)





For your home,
For your business,
For what you love.



RAPTOR R

No Embedded keypad supplied in 220 VAC

RAPTOR RLC

No Embedded keypad supplied by batteries (included)



The RAPTOR platform, uses the innovative one Bidirectional Wireless Technology GFSK FM 868 Mhz. The Bidirectional communication between the control panel and the devices and the "DPT" (Dynamic Power Transmission) reduce the ion of Energy consumption, increasing the life time of the batteries. Radio transmission security is granted by the automatic search function of channels (AFC) that detects any attempts radio jamming operating a continuous supervision of the Radio devices. The GSM /GPRS already embedded, allows total management by the user and by the installer , offering a complete remote technical connectivity. The system, offer the maximum flexibility, for a tailor made configuration.



RAPTOR THE BIDIRECTIONAL SYSTEM COMPLETE AND EASY TO INSTALL

* CITY WS 4

LED OUTDOOR SIREN

Available in carbon look version (C)



* SPY360 WS 4

INDOOR CEILING MOUNTING PIR



WIC 4 PLUS

WIRELESS MAGNETIC CONTACT DOUBLE CHANNEL WITH INERTIAL

Available also without the inertial **WIC 4** and in brown color (B)



* SD4 WS

INDOOR OPTICAL SMOKE DETECTOR WIRELESS



JET DT WS 4

INDOOR DOUBLE VOLUMETRIC TECHNOLOGY DETECTOR

Available also in PIR **JET PA WS 4**



BIP 4 PLUS

BIDIRECTIONAL REMOTE CONTROL

Available also in the mono directional version

BIP 4 and in Carbon Look (C)



A500

LCD KEYPAD

ICE

TOUCHSCREEN KEYPAD



SPECTRUM DT WS AM 4

DOUBLE TECHNOLOGY OUTDOOR DETECTOR

Available in double side version WALL **SPECTRUM PA WS WALL 4** and **SPECTRUM PA WS WALL AM 4**



* OUTSPIDER DT WS 4

DOUBLE TECHNOLOGY OUTDOOR DETECTOR

Available also in double PIR **OUTSPIDER PA WS 4**



ONE PA WS 4

OUTDOOR CURTAIN DETECTOR



WING 4 WS

INDOOR CURTAIN DETECTOR

For the protection of windows and doors. Available also with the antimasking **WING 4 MWS**

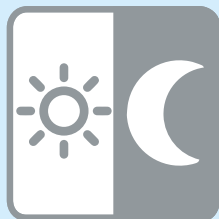


* PRODUCT AVAILABLE SOON

MAIN FEATURES FOR THE USER



APP Manage remotely and easily your RAPTOR system thanks to the application MYAVSALARM. Available for devices IOS and ANDROID. Completely In CLOUD, the MYAVSALARM app offers high security levels, thanks to the Constant control of the Network communication via GPRS or ADSL.



NIGHT AND DAY

Use your Burglar alarm system when you're at home to protect your family ones, when you are out to protect your property. You can choose the protection which suits you better your house needs Day & Night



INDOOR & OUTDOOR

Protect both, the interior than the outdoor of your property, thanks to the flavoured solutions available for the best burglar protection. A wide range of products able to protect you and Your property.



EASY TO USE

For all ages (children Included), specially realized to be simple to use by everyone, even by whom that are unfriendly with technology. Scenarios available that can be activated with a simple unique command the RAPTOR keypad make it easy for everyone.



SECURE

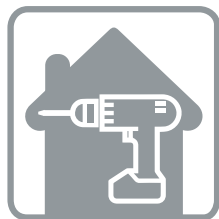
It's a professional product, fits to every type of installation, for villas, for offices up to industrial sites. Offers unlimited possibilities of configuration, keeping high standards of safety.



QUALITY

Since more than four decades, we keep the trust of the market, ensuring to our business partners very high standard of quality.

MAIN FEATURES FOR THE INSTALLER



EASY TO INSTALL

Not invasive and fast to install, these are the features which we used to develop the system. Just a couple of screw-drivers are the only necessary tools to a perfect done installation job. There is a battery version, does not even require it the network connection 220 vac.



SIMPLE PROGRAMMING

RAPTOR is already pre-programmed, with few and simple changes as well suitable for the new one installation. It is intuitive, practical. You do not have to read the manual to get the basic functions. You can program it just using the keypad even with voice menus and the app. For who wants, even by laptop.



MODULAR

From 1 single zone up to 125 zones, from one simple mode of arming scenarios, up to the management of the time scheduler. Compatible with most wide range of accessories for protection of indoor and outdoor. All this just with one amazing product.



EASY MAINTENANCE

The use of high technology allows to get the maximum of the performance with the lowest possible energy consumption which translates into battery long life, compared to the conventional technology and therefore less need of maintenance.



PROFESSIONAL PRODUCT

Very high professional product, developed according to the latest normative and only with materials of high quality. Multiple available functionalities allow you to satisfy the more demanding customers.



100% ITALY

RAPTOR is developed and manufactured in Italy by the Research and Development Lab of AVS Electronics Spa.

SYSTEM ACCESSORIES

TOY L - TOY C - TOY T

TAG and BADGE NFC proximity



C 8

System Expansion module with 8 terminals



PWCPT

Additional power supply 1.2 Amp with inputs and outputs zones



PWCPTM

Version 1.6 Amp

XGSM 485 XGSM 485 PRO

Serial bus GPRS Phone Dialer



CITY HP TS 85 HP

LED sirens on RS485 serial BUS



PSTN B

Optional board for PSTN connection



EWEB PLUS B

Optional Ethernet network board

EWEB WIFI B

WIFI version



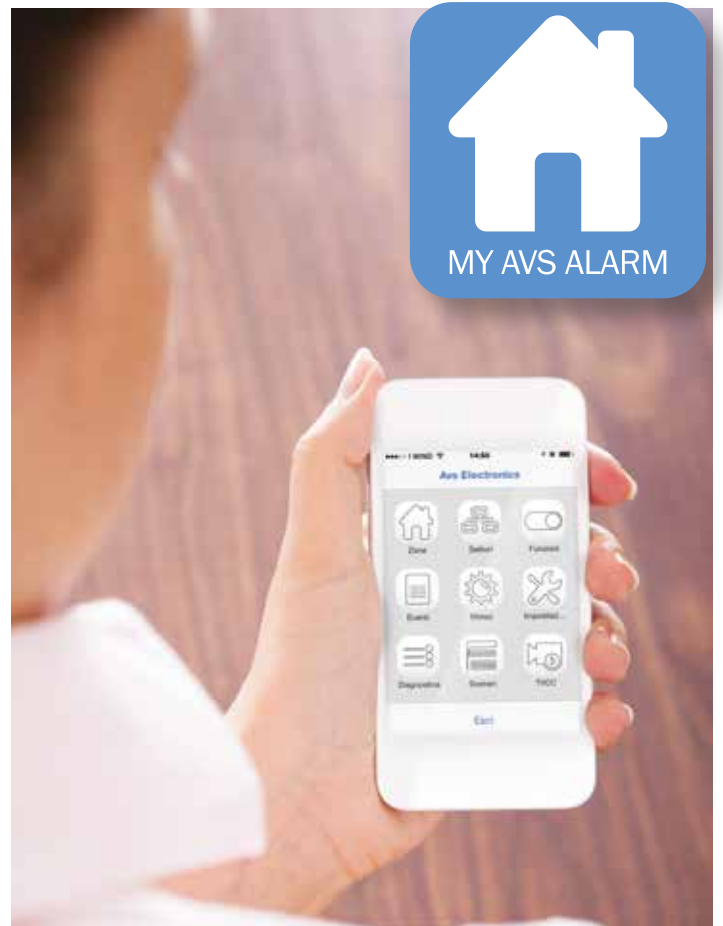
XGATE

Domotic integration board operating with the following protocols: EIB / KNX o MOBUS



Always connected and always safe with AVS

Software and services that
you integrate with your world



APP
MY AVS
ALARM

An indispensable tool to
always have under control
the security of your environ-
ments.



CONNECT-
ING TO THE
INTERNET

for a global system
management via APP
or WEB SERVER.



AVS CLOUD
SERVER
Where with

your APP MY AVS ALARM
you can have amplify the
security of your data and
a smart and agile
management



PUSH NOTI-
FICATIONS
to be

promptly informed in case
of alarm, fault, power on /
off and more.



MY AVS ALARM is the APP for
tablet and smartphone which
allows you to control easily

and intuitively your RAPTOR system.

**In addition to this, the management with SCENARIOS
that simplify your control and verification LIVE VIDEO
with cameras connected to your system.**



A new way of working

Software and services that facilitate the installer's work



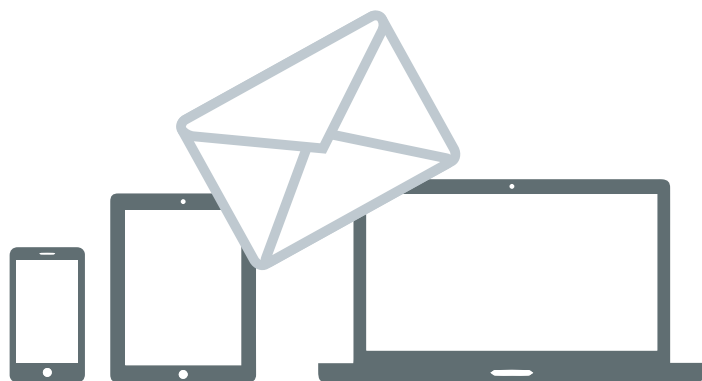
APP
MY AVS
MANAGER

An indispensable installer tool to always have under control the management of your installations.



CLOUD
SERVER AVS
Dedicated to

the professional installer with many useful functions for control and technical management of the system.



You can manage your installation with your favourite platforms, the control panel performs continuously, alerting you to anomalies or changes of the status.



**EXCLUSIVE WIZARD
PROGRAMMING**

GUIDED PROGRAMMING WITH WIZARD

A continually updated service, essential for safe installations operation, no time lost searching for information.

Completely FREE, together with the XWIN programming software.

Technical description



RAPTOR RT

Wireless Control Panel - 125 zones – Embedded Touchscreen Keypad 220Ac powered

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 key fob or remote status system request.

Wireless zones : up to 125 – 2 Input NC, NO, balanced 1R/2R, switch alarm, inertial , up to 10 serial expansion modules - Zone mapping – Zone Expansion on RS485 Bus - Areas/sectors: 8 with 4 arming mode each + 64 scenarios - Integrated indoor siren - Wireless Sirens: up to 2 sirens WS 4 – Serial Sirens connectable on RS 485 bus: up to 8 sirens HP - Output: 1 free exchange relay , 2 Open Collector on panel terminal block, 10 with serial expansion - Touch screen integrated keypad – Wireless Keypads connectable: up to 8 - Wired keypads: up to 7 of series ICE, A500 – Proximity readers: Integrated on the control panel , up to 7 keypads – Codes & keys : 125 user codes , 125 Emergency codes , 125 key fobs , 125 TAGS/Badge – 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 WiFi B – Vocal Synthesis and audio output: embedded with more than 300 customizable words and guided HELP that drives you to listen the vocal messages and guided HELP on control panel and on the keypads ICE, A500 PLUS – Integrated Time programmer with 16 daily with bank holidays management – Event Buffer Memory: 250 events – power supply : Switching 14.5 Vdc 1 A Battery 12 Vdc 2.3 Ah - Dimensions: ABS case – Sizes 247 x 232 x 55 mm (LxhxP)



RAPTOR RK

Wireless Control Panel - 125 zones – Embedded silicon keys Keypad 220Ac powered

Same RAPTOR RT features, but with embedded silicon keys keypad.



RAPTOR R

Wireless Control Panel - 125 zones 220Ac powered

Same RAPTOR RT features, but without keypad.

Technical description



RAPTOR RK LC

Wireless Control Panel - 125 zones – Embedded silicon keys Keypad Battery powered

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 key fob or remote status system request.

Wireless zones : up to 125 - Zone mapping - Wireless Sirens: up to 2 sirens WS 4 - Wireless Keypads connectable: up to 8 - Proximity readers: Integrated on the control panel , up to 7 keypads - Codes & keys : 125 user codes , 125 Emergency codes , System Configuration : By keypad or with XWIN software - USB Port for system configuration and system Upgrading - In Cloud with APP MY AVS MANAGER - Embedded GSM/GPRS Communicator: send and receive SMS, digital protocols , Vocal messages to max 16 numbers, Optional Phone Communicator PSTN - Vocal Synthesis and audio output: embedded with more than 300 customizable words and guided HELP that drives you to listen the vocal messages and guided HELP on control panel - Integrated Time programmer with 16 daily with bank holidays management - Event Buffer Memory: 250 events - powered by batteries - 6X1,5 AAXL - Dimensions: ABS case - Sizes 247 x 232 x 55 mm (LxhxP)



RAPTOR R LC

Wireless Control Panel - 125 zones – Battery powered

Same as RAPTOR RK LC, without keypad

Technical description

JET PA WS 4

Bidirectional wireless passive infrared detector with antimasking

Application: indoor - Range: 15 m - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics - IR active AM, with distance and programmable detection - Accelerometer for tamper and disorientation - Frequency: FM 868 MHz, multi frequency - bi-directional - Radio coverage: up to 200 m in open field - Data sent: alarm, sabotage, battery level, self-test - detector model - battery voltage - working temperature - Easy programming : self-learning on CP - Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER- - Powered by: 1 Lithium battery 3,6V - 2,2 Ah Battery life: 2 years with Energy saving function activated - Dimension (LxHxD): 61 x 10 x 46 mm - included accelerometer to recognize the wall removal - Compatibility: RAPTOR CONTROL PANEL



JET DT WS 4

Bidirectional wireless double technology detector with antimasking

Application: indoor - Range: 15 m - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics - Flat strep line 10.525 GHz with distance and programmable detection - Accelerometer for tamper and disorientation - Frequency: FM 868 MHz, multi frequency - bi-directional - Radio coverage: up to 200 m in open field - Data sent: alarm, sabotage, battery level, self-test - detector model - battery voltage - working temperature Easy programming : self-learning on CP - Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER- - Powered by: 1 Lithium battery 3,6V - 2,2 Ah Battery life: 2 years with Energy saving function activated - Dimension (LxHxD): 61 x 10 x 46 mm - included accelerometer to recognize the wall removal - Compatibility: RAPTOR CONTROL PANEL

WING 4 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 - Dimension (LxHxD): 35 x 110x31 mm - Compatibility: RAPTOR CONTROL PANEL



WING 4 WS B

Bidirectional wireless curtain passive infrared detector brown housing

Same as WING 4 WS, brown plastic housing

WING 4 M WS

Bidirectional wireless curtain passive infrared detector with antimasking white housing

Same as WING2 WS, with Anti masking protection and AM adjustable detection distance.

SPY360 WS 4

Bidirectional Wireless 360° ceiling infrared detector

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



Technical description



SD4 WS

Bidirectional wireless optical smoke detector

Sensor: optical infrared - Frequency: FM 868 MHz - multi frequency - bi-directional - Radio range: up to 200 m. in open space - Communications: alarm - battery - self test detector model - battery voltage - working temperature - 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 3V lithium battery - Type CR123 - Lifespan: 2 years - Dimensions: Ø 110 mm - Compatibility: RAPTOR CONTROL PANEL

WIC 4

Bidirectional wireless two-channels transmitter with magnetic contact white housing

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



WIC 4 B

Bidirectional wireless two-channels transmitter with magnetic contact brown housing

Same as WIC4, brown plastic housing.



WIC 4 PLUS

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

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

WIC 4 B PLUS

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

Same as WIC4 plus, brown plastic housing.



BIP 4

8-Channel keyfob white housing

8-channel transmitter - 5 activation keys - Frequency: FM 868 MHz - multi frequency - unidirectional-Range: up to 200 m. in open space - Functions: starting/stopping/ activation of outputs /anti-theft - Power supply: 1 x 3V lithium battery - Type 2032 - Color: Ivor y - Dimensions (LxH): 85 x 35 mm - Compatibility: RAPTOR CONTROL PANEL

BIP 4 C

8-Channel keyfob carbon look

Same as BIP4, Carbon plastic housing

Technical description



BIP 4 PLUS

Bidirectional 8-channel keyfob white housing

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 - Functions: starting/stopping/ activation of outputs /anti-theft - CP Status request - Power supply: 1 x 3V lithium battery - Type 2032 - Color: Ivory - Dimensions (LxH): 85 x 35 mm - Compatibility: RAPTOR CONTROL PANEL

BIP 4 PLUS C

Bidirectional 8-channel keyfob carbon look

Same as BIP4 PLUS, Carbon plastic housing



ONE PA WS 4

Bidirectional wireless outdoor curtain-type detector

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

SPECTRUM PA WS WALL 4

Bidirectional wireless double side double pir outdoor detector

Detection trough double side (right + Left) double PIR - Detection range from 3 to 12 meters per side - Wireless transmission in 868 Mhz FM - multi frequency - bi-directional - max radio range 200 m in open space - Antimasking with active IR - Tamper trough Accelerometer - Light filter - Digital temperature compensation - Detection angle up to 100° - Orientation horizontal plane 180° - Installation height 1,2 meters with standard lens- 2,2 meters with SSL optional lens - PET immunity up to 70 cm from the ground - Power consumption in hush 23 µA - Power consumption in alarm 34 mA - Wireless report for alarm - Wireless report for tamper - Wireless report for low battery - Wireless report for survival - Data sent: self-test detector model - battery voltage - working temperature - Easy programming : self-learning on CP - Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Walk test with Led and Buzzer activation - Lithium Battery 3,6 Vdc 2,2 Ah, included - Battery life 2 years with active consumption reduction - Dimensions: (D x W x H) 68,3 x 75,4 x 189,4 mm Protection IP 54 - Compatibility: RAPTOR CONTROL PANEL



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.

SPECTRUM DT WS AM 4

Bidirectional wireless outdoor triple technology detector with antimasking

Detection trough double PIR and Microwave 10.525 GHz - Detection range from 3 to 12 meters - Wireless transmission in 868 Mhz FM - multi frequency - bi-directional. - max range 200 m - Antimasking with active IR adjustable detection distance - Tamper trough Accelerometer - Light filter - Digital temperature compensation - Detection angle up to 100° - Orientation horizontal plane 180° - Installation height 1,2 meters with standard lens- 2,2 meters with SSL optional lens - PET immunity up to 70 cm from the ground - Power consumption in hush 23 µA - Power consumption in alarm 34 mA - Wireless report for alarm - Wireless report for antimasking - Wireless report for tamper -

Technical description

Wireless report for low battery - Wireless report for survival - Data sent: detector model - battery voltage - working temperature - Easy programming : self-learning on CP - Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER- Walk test with Led and Buzzer activation - Lithium Battery 3,6 Vdc 2,2 Ah, included - Battery life 2 years with active consumption reduction - Dimensions: (D x W x H) 68,3 x 75,4 x 189,4 mm - Protection IP 55 - Compatibility: RAPTOR CONTROL PANEL

OUTSPIDER PA WS 4

Bidirectional wireless outdoor passive infrared detector with antimasking

Dual Passive Infrared - Frequency: FM 868 MHz - multi frequency - bi-directional. - max range 200 m - Range between 15 and 23 m, max height of installation 2.7 m - Coverage between 5° and 90° - ANTI-MASKING WITH ACTIVE IR function adjustable detection distance - Pet immunity for pets up to 70 cm high - Anti-opening and anti-tear tamper device - Positive safety alarm relay - USB port for programming with HPWIN/XWIN software - LED and buzzer for walk test that can be deactivated - Camera fitting - Environmental conditions: -20 C° + 55 C° - Wireless report for alarm - Wireless report for tamper - Wireless report for low battery - Wireless report for survival - Data sent: detector model - battery voltage - working temperature - Easy programming : self-learning on CP - Detector parameter settings via CP, from laptop (trough Xwin software) or through the APP MY AVS MANAGER - Power supply: 3.6 Vdc, 8.5 A lithium battery - Life-span: 2 years with energy saving function enabled - IP degree of protection: 65 - Dimensions (WxLxH) 135 x 140 x 240 mm - Compatibility: RAPTOR CONTROL PANEL



OUTSPIDER DT WS 4

Bidirectional wireless outdoor dual technology detector with antimasking

Dual Passive Infrared + MW microwave freq. 10.525 GHz - Frequency: FM 868 MHz - multi frequency bi-directional. - max range 200 m - Range between 15 and 23 m - Coverage between 5° and 90° - ANTI-MASKING WITH ACTIVE IR function adjustable detection distance - Pet immunity for pets up to 70 cm high - Anti-opening and anti-tear tamper device - Positive safety alarm relay - USB port for programming with HPWIN/XWIN software - LED and buzzer for walk test that can be deactivated - Camera fitting - Environmental conditions: -20 C° + 55 C° - Wireless report for alarm - Wireless report for tamper - Wireless report for low battery - Wireless report for survival - Data sent: detector model - battery voltage - working temperature - Easy programming : self-learning on CP - Detector parameter settings via CP, from laptop (trough Xwin software) or through the APP MY AVS MANAGER - Power supply: 3.6 Vdc, 8.5 A lithium battery - Life-span: 2 years with energy saving function enabled - IP degree of protection: 65 - Dimensions (WxLxH) 135 x 140 x 240 mm - Compatibility: RAPTOR CONTROL PANEL



CITY WS 4

Bidirectional wireless bidirectional self-powered siren

Frequency FM 868 MHz - multi frequency - bi-directional. - max range 200 m. in open space - Communications: alarm - anti-tamper - battery - survival - detector model - battery voltage - working temperature - Easy programming : self learning on CP - Detector parameter settings via CP, from laptop (trough Xwin software) or through the APP MY AVS MANAGER - LED for visualization system status - Dimensions (LxHxW) :255 x 200 x 80 mm - Container: in ivory-colored plastic - Power supply: with mod. BATTCITYWS lithium battery (not included) or mod. ALCITYWS external power supply (not included) - Compatibility: RAPTOR CONTROL PANEL



CITY WS 4 CARBON

Carbon look bidirectional wireless bidirectional self-powered siren

Same as CITY WS4, Carbon plastic housing

Technical description

	220AC			BATTERY	
	RAPTOR R	RAPTOR RK	RAPTOR RT	RAPTOR RLC	RAPTOR RK LC
INPUT & OUTPUT					
Programmable software zones	125	125	125	125	125
Wired input zones onboard	2	2	2	X	X
Tamper Input zones	1	1	1	X	X
Management input : 1R - 2R - NC -NA	√	√	√	X	X
Configuration per zone	19	19	19	19	19
Mapping Input zones software-wired input	√	√	√	√	√
Function AND ZONE	16	16	16	16	16
Input Espansion RS485 (C8 - PWCPT - PW CPTM)	8	8	8	X	X
Relais (C/NC/NO) for traditional sirens	1	1	1	X	X
Relay outputs with positive security on BUS RS485	1	1	1	X	X
Open collector output on board	2	2	2	X	X
Open Collector output on BUS RS485	8	8	8	X	X
FUNCTIONAL FEATURES					
Areas	8	8	8	8	8
Arming /partialization per area	4	4	4	4	4
Area for round check	√	√	√	√	√
Multifunctional Scenarios	64	64	64	64	64
WIRELESS					
Bidirectional comunication GFSK - FM868 Mhz	√	√	√	√	√
Multi frequency management	√	√	√	√	√
AFC (Automatic Frequency Change)	√	√	√	√	√
Rolling Code	√	√	√	√	√
Dynamic power transmission management - DPT (Dinamic Power Transmittion)	√	√	√	√	√
Transmissions Control to avoid repetitive TX	√	√	√	√	√
RDS (Remote Detector Setting)	√	√	√	√	√
Firmware upgrade wireless devices	√	√	√	√	√
Dynamic management low comsuption - ALP (Automatic Low Power)	√	√	√	√	√
Recognition of the acquired device (Model - FW version - Working Temperature - Battery Voltage)	√	√	√	√	√
Wireless Jamming detection	√	√	√	√	√
Detector Survival	√	√	√	√	√
Wireless range in open area	200	200	200	200	200
VARIOUS WIRELESS					
Wireless keypads (coming soon)	8	8	8	8	8
Wireless Sirens (coming soon)	2	2	2	2	2
Wireless Detectors	125	125	125	125	125
Remote controls (keyfobs)	125	125	125	125	125
KEY & CODES					
Installer Code	2	2	2	2	2
User Code & Emergency codes	125	125	125	125	125
Time zone & User Management	√	√	√	√	√
Keys/Tag NFC with user recognition	125	125	125	125	125
Remote control (KEYFOBS) with user recognition	125	125	125	125	125
Customizable user profiles	8	8	8	8	8
USER INTERFACE					
Embedded LCD Keypad	X	√	X	X	√
Embedded Touch Screen 4.3" keypad	X	X	√	X	X
Wired Keypad on BUS RS485	7	7	7	X	X
Input for Universal electronic key	√	√	√	X	X
NETWORK TCP-IP CONNECTIVITY					
Interface communicator with other systems"	√	√	√	X	X
WEB Server Inteface	√	√	√	X	X
User Management with App My Avs Alarm in Cloud	√	√	√	X	X
Control Panel Programming with the Installatore APP My Avs Manager in Cloud	√	√	√	√	√
Control Panel Programming via TCP/IP with soft. Xwin	√	√	√	X	X
SYSTEM DIAGNOSTICS					
Power Status Control	√	√	√	X	X
Microprocessor Control & Supervision	√	√	√	√	√
PHONE DIALER					
PSTN Dialer	opt	opt	opt	opt - no rtc	opt - no rtc
GSM/GPRS with vocal / digital / sms	√	√	√	√ - no rtc	√ - no rtc
Vocal Sint. With pre-recorded library and 40 customizable messages	√	√	√	√	√
Protocols TCP/IP / e-mail sending	√	√	√	X	X

DIALER OPTIONS					
Phone numbers	16	16	16	16	16
Interactive Vocal with online help for full user management	✓	✓	✓	✓	✓
Remote System management from phones (DTMF)	✓	✓	✓	X	X
Available protocols: Digital / Vocal / Digital-IP / e-mail /SMS	✓	✓	✓	Vocal & digital	Vocal & digital
Periodic call testing to check system functionality	✓	✓	✓	✓	✓
Dynamic management of the two dialers PSTN / GSM	✓	✓	✓	✓	✓
TIMERS					
Weekly Timer	✓	✓	✓	✓	✓
Bank Holidays Management	10	10	10	10	10
Daily Operations: Areas: Arming / Disarming	16	16	16	16	16
Outputs: Arming / Disarming . Arming Notifications	✓	✓	✓	✓	✓
Special user enabling: enabling to activate the extraordinary / enabling to forced disarming	✓	✓	✓	✓	✓
Enabling to forced disarming	✓	✓	✓	✓	✓
VARIOUS					
Serial Bus RS485	1	1	1	X	X
Auxiliary Power Supply Control on RS485	✓	✓	✓	X	X
Sirens HP on BUS	8	8	8	X	X
Expansions on BUS	1	1	1	X	X
Event Buffer	500	500	500	500	500
Limitation to recharge battery voltage	✓	✓	✓	X	X
Battery	12v 2,3Ah	12v 2,3Ah	12v 2,3Ah	6x1,5Vdc D	6x1,5Vdc D
VOCAL FUNCTIONS					
Remote Vocal Control - Voice guided	✓	✓	✓	X	X
Local Vocal guide on Panel and keypad	✓	✓	✓	X	X
Environmental Listening from control panel (coming soon)	✓	✓	✓	X	X
SYSTEM PROGRAMMING AND CONFIGURATION					
USB PORT	✓	✓	✓	✓	✓
XWIN: Programming software with real time functionality	✓	✓	✓	Local	Local
Wizard su Xwin	✓	✓	✓	✓	✓
Wizard on App MY AVS MANAGER installer	✓	✓	✓	✓	✓
App MY AVS MANAGER installer - Total programming	✓	✓	✓	✓	✓
Wizard installer on keypad with vocal syntesys	X	✓	✓	X	✓
CONFIGURATIONS OF WIRELESS DEVICES					
Setting - Range/MW sensibility - ON DT Devices	3 liv	3 liv	3 liv	3 liv	3 liv
Setting IR sensibility	2 liv	2 liv	2 liv	2 liv	2 liv
Setting IR Range	2 liv	2 liv	2 liv	2 liv	2 liv
Setting Antimasking	4 liv	4 liv	4 liv	4 liv	4 liv
Management of reduction of consumption	✓	✓	✓	✓	✓
Setting Accelerometer	✓	✓	✓	✓	✓
Setting sensibility Switch Alarm	16 liv	16 liv	16 liv	16 liv	16 liv
Setting Inertial Sensitivity	8 liv	8 liv	8 liv	8 liv	8 liv
Abilitation input IN1	✓	✓	✓	✓	✓
Walk test device - visualized on LED	✓	✓	✓	✓	✓
Alarm Green Led / info TX	✓	✓	✓	✓	✓
STRUCTURE					
Embedded Siren	✓	✓	✓	✓	✓
Speaker	✓	✓	✓	✓	✓
Microphone	✓	✓	✓	X	✓
USB	✓	✓	✓	✓	✓
Embedded NFC reader	X	✓	✓	X	✓
Switching Power Supply	1A	1A	1A	X	X
Embedde GSM Dialer	✓	✓	✓	✓	✓
BUS RS485	✓	✓	✓	X	X
Cabinet (L x H x P) mm	247 x 232 x 54,5				



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