

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









Raptor: complete, flexible and easy to install.

Raptor is the modular and flexible range of bidirectional wireless control panels, suitable to any installations, from small to medium plants. Designed to be a simple and highly performing control panel, Raptor, thanks to an easy and simple programming, is Plug & Play: you have only to acquire the detectors, the remote controls and install the SIM Card and Raptor is ready to use.





SHOPS



SHOPPING CENTRES

OFFICES

Quality MADE IN ITALY.

Raptor, completely designed and produced in Italy has an elegant design and guarantees, in any moment, a sure protection of your home and your business, thanks to the wide range of wireless indoor and outdoor devices available. With the already integrated GSM communication module or IP (optional), Raptor allows the end-user total remote management with the MyAVSAlarm App. A vocal guide **ASSC** (Advanced Speech Synthesis Communication) allows also to send precise alarm, fault or system status messages.













A control panel for every needs.

Complete range of control panels with and without embedded keypad, 125 zones, 125 remote controls, 8 partitions with 4 different types of arming for partitions, 64 scenarios, 16 telephone numbers, 2 wireless sirens, with optional IP and PSTN cards. The RAPTOR control panel has a wireless system (GFSK FM 868) which guarantees optimal safety in transmissions and, thanks to the automatic channel search function, it is able to detect any blinding attempts. Particularly refined is the new wireless detector technology that integrates the **Automatic Frequency Change** (AFC) function, with automatic frequency change at each transmission and is complete with **Dinamic Power Transmitter** (DPT), the dynamic management of power and transmissions, according to the real needs.



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)



RAPTOR R
No Embedded keypad supplied in 220 VAC

RAPTOR RLC No Embedded keypad supplied by batteries (included)

EWEB VIDEO: EVERYTHING UNDER CONTROL WITH THE VIDEOVERIFICATION AVS!

With the new IP interface EWEB VIDEO that integrates the VIDEO VERIFICATION function, it's possible the visual control of the alarm events. The board allows you to manage up to 8 IP cameras with ONVIF® (S) protocol. EWEB VIDEO, for each camera combined with one or groups of alarm zones, stores the images before, during and after the alarm events, transferring them to the AVS Cloud, and thanks to the APP MYAVSALARM, the end user receives a complete PUSH notification of the video link with the recorded images, that he can view and save on his device.





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

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



VIDEO VERIFICATIONS

The MY AVS ALARM App allows the reception of an MP4 video after an alarm event.

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.



QUICK ACTION

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



SEMPLIFIED SCENARIOS

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



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



AVS SERVER CLOUD

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





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.



AVS CLOUD THE BEST CLOUD FOR YOUR SAFETY



And help your installer to give you a better service, faster installation and simple maintenance.



MyAVSManager is the APP developed and studied for the installer, that allows professionals, from anywhere and any time, to program and configure, in CLOUD, the RAPTOR range of bi-directional wireless control panels, in WIZARD assisted menù and programming also all the parameters of the wireless devices.





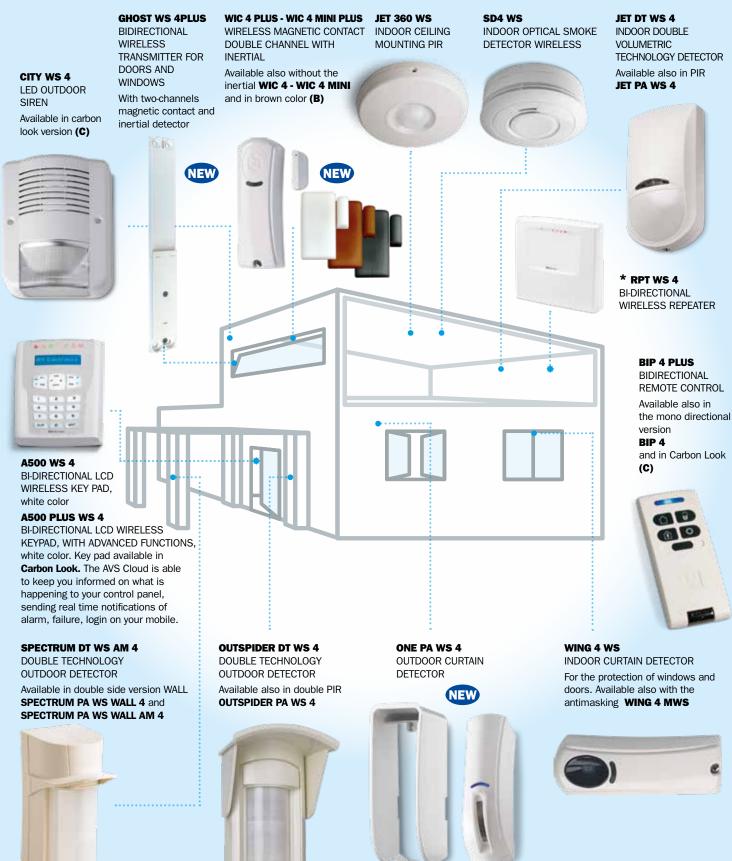


GUIDED PROGRAMMING WITH WIZARD

A continually updated service, essential for safe installations operation, without no waste of time searching for information. Completely FREE, together with the XWIN programming software.



RAPTOR - THE BIDIRECTIONAL SYSTEM COMPLETE AND EASY TO INSTALL



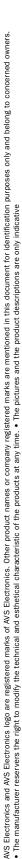
* Product available soon





CONTROL PANEL RAPTOR - TECHNICAL DATA

		220 AC		RΔT	TERY
	RAPTOR R RAPTOR RK	RAPTOR RT	RAPTOR R LC	RAPTOR RK LC	
	RAPTOR R 4G	RAPTOR RK 4G	RAPTOR RT 4G	RAPTOR R LC 4G	RAPTOR RK LC 4G
INPUT & OUTPUT	IVALION N. 40	IVALIOITIK 40	101 101 11 40	NALTON NEC 40	IVALION IN LC 40
Programmable software zones	125	125	125	125	125
Wired input zones	3 + 8	3 + 8	3 + 8	Χ	X
Zone mapping	√	√	√	√	V
Management input : 1R - 2R - NC -NA	√	√	√	Χ	X
Relais (C/NC/NO) for traditional sirens	1	1	1	X	X
Open collector output on board	2	2	2	Χ	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	04	04	04	04	04
Bidirectional comunication GFSK - FM868 Mhz	V	√	√	√	V
AFC (Automatic Frequency Change)	√ · · · · · · · · · · · · · · · · · · ·	√ · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	√	√ · · · · · · · · · · · · · · · · · · ·
Dynamic power transmission management - DPT (Dinamic Power Transmittion)	√	√	√	√	√
RDS (Remote Detector Setting)	V	√	√	√	V
Dynamic management low comsuption - ALP (Automatic Low Power)	V	√	√	√	V
Wireless Jamming detection	√	√	√	√	✓
Wireless range in open area	200	200	200	200	200
VARIOUS WIRELESS				_	
Wireless keypads	8	8	8	8	8
Wireless Sirens	2	2	2	2	2
Wireless Detectors	125 125	125 125	125 125	125 125	125 125
Remote controls (keyfobs) KEY & CODES	125	125	125	125	125
Installer Code	2	2	2	2	2
User Code & Emergency codes	125	125	125	125	125
Keys/Tag NFC with user recognition	125	125	125	125	125
NETWORK TCP-IP CONNECTIVITY					
Interface comunicator with other systems"	V	√	√	Χ	X
WEB Server Inteface	√	√	√	Χ	X
User Management with App My Avs Alarm in Cloud	√	√	√	Χ	X
Control Panel Programming with the Installer APP My Avs Manager in Cloud	V	V	√	√	V
PHONE DIALLER					
PSTN Dialer	opt	opt	opt	opt - no rtc	opt - no rtc
GSM/GPRS with vocal / digital / sms	√	√	V	√ - no rtc	√ - no rtc
2G - 3G - LTE - 4G Dialer			Only 4G mo √	idel ./	
Vocal Sint. With pre-recorded library and 40 customizable messagges Phone numbers	√ 16	√ 16	v 16	v 16	l √ 16
Interactive Vocal with online help for full user management	√ V			√	√ V
Remote System management from phones (DTMF)	√ · · · · · · · · · · · · · · · · · · ·	√ · · · · · · · · · · · · · · · · · · ·	√	X	X
Periodic call testing to check system functionality	√ · · · · · · · · · · · · · · · · · · ·	√ · · · · · · · · · · · · · · · · · · ·	√	√	√ · · · · · · · · · · · · · · · · · · ·
Vocal guide	√	√	√	√	√
Remote listening	√	√	√	√	√
TIMERS					
Weekly Timer	√	√	√	√	√
Bank Holidays Management	10	10	10	10	10
Daily Operations: Areas: Arming / Disarming	16	16	16	16	16
SYSTEM PROGRAMMING AND CONFIGURATION	V	√		Lead	Land
XWIN: Programming software with real time functionality Wizard on App MY AVS MANAGER installer	V	V	v	Local 1/	Local
App MY AVS MANAGER installer - Total programming	√v	√v	v	v	vv
Wizard installer on keypad with vocal syntesys	X	v√	v√	X	√
CONFIGURATIONS OF WIRELESS DEVICES	Α	·	·	,	•
Setting - Range/ sensibility -	√	√	√	√	√
Setting Special Functions - Accelerometer - AM - SW - Alarm	V	√	√	√	V
Management of reduction of consumption	V	√	√	√	V
STRUCTURE					
Embedded Siren	√	√	√	√	✓
Speaker	√	√	√	√	√
USB	V	√,		√	ļ√,
		√	V	X	√
Embedded NFC reader	X		······································		
Switching Power Supply	1A	1A	1A	X	X Cv1 EVda D
	1		1A 12 V 2,1 Ah 7		X 6x1,5Vdc D X





SYSTEM ACCESSORIES

ICE

Touchscreen keypad BUS RS485



A 500/A600 EVO LCD keypad

BUS RS485



TOY L/TOY LN

TAG proximity

NFC))



C8

System Expansion module with 8 terminals



PWCPT

XGATE

MOBUS

Additional power supply 1.2 Amp with inputs and outputs zones **PWCPTM** Version 1.6 Amp



Domotic integration board

protocols: EIB / KNX o

operating with the following

XGSM 485 4G XGSM 485 PRO 4G

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







EWEB PLUS B VIDEO

Optional Ethernet network with VIDEO **EWEB WIFI II B VIDEO** WIFI version



























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