AVS electronics

RIELLO ELETTRONICA

RAPTOR

Home automation + Video verification + Cloud + Burglar alarm

MY AVS ALARM

ALWAYS SAFE AND PROTECTED
WITH THE WIRELESS
BIDIRECTIONAL SYSTEM

Wherever you are, security is always with you!

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 RK
No Embedded keypad
supplied in 220 VAC

AVAILABLE ALSO **VERSIONE** 4G

RAPTOR R
No Embedded keypad
supplied in 220 VAC

AVAILABLE ALSO **VERSION** 4G

RAPTOR RK LC 4G
Embedded LCD keypad
supplied by batteries (included)

RAPTOR R LC 4G
No Embedded keypad
supplied by batteries (included)

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.

RESIDENTIAL

SHOPS

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.

The AVS APP gives you all the security and freedom you desire.

MY AVS ALARM

MY AVS MANAGER

APP FOR END USER

Download on the App Store

DOWNLOAD FOR ANDROID

APP FOR INSTALLER

Download on the App Store

DOWNLOAD FOR ANDROID

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.

VOICE ASSISTANTS

The MYAVSALARM APP is compatible with Google Home and Alexa

alexa

WIRELESS DEVICES PROGRAMMING

You can manage the different wireless devices associated to your control panel.

SIMPLE PROGRAMMING

RAPTOR is already pre-programmed and with few and simple commands you can adapt it to the new installation. It is intuitive and practical.

HOME AUTOMATION COMMANDS

A simple interface allows you to access, in simple and intuitive way to the home automation programmed functions (lights activation, roller shutter, automatic gate).

FASTER ASSISTANCE & EASY MAINTENANCE

The use of high technology allows to get the maximum of the performance, a faster installation and a prompt and efficient maintenance service, saving time and costs, to better satisfy any needs.

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 becoming a remote control.

SEMPLIFIED SCENARIOS

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

VIDEO VERIFICATION

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

CLOUD EVENT DIAGNOSTICS

Continuous updating of the connection history APP-Control Panel-Cloud for a more efficient management of the system.

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.

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.
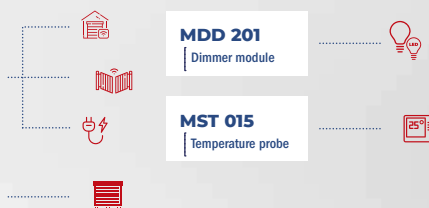
myAVS *domotics*

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

Google   **alexa**

Versions available

MDS 201		MDD 201	
1 relay module		Dimmer module	

MDS 202		MST 015	
2 relais module		Temperature probe	

MDR 201	
Roller shutter module	

WIRELESS SMARTHOME

Website

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

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

Consumption control and Kw management

To avoid exceeding Kw and any power cuts

Temperature control

Temperature control of each room and schedule days and times

Easy and flexible installation

Easily installed in any junction box even in existing systems

For residential, commercial, industrial buildings

The bridge function (repeater) extends the wireless range

Everything under control with the IP and wireless video verification!

The **VIDEO VERIFICATION** integrated in the AVS control panels allows 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 control panel with video detectors with integrated JET PA WS 4 VIDEO camera and / or use up to 8 IP cameras with ONVIF (S) protocol.

The new Cloud AVS platform allows you to **transfer images before, during and after the alarm events** to the MYAVSALARM application by sending to the end user a complete PUSH notification of the recording video.

The new **My AVS Vigilant software dedicated to the Central Monitoring Station** allows the reception and visualization of AVS systems video alarms.

Complete autonomy
Thanks to the GSM 2G/4G communicator embedded in the control panel, internet network/router is not required. Integrated battery.

Night vision
Day/night camera function with infrared illuminator.

Integrated camera
Camera with 320x240 image resolution – recording of 10" video with audio

FOR CENTRAL MONITORING STATION

FOR END-USER

PRE - ALARM ALARM POST-ALARM

AVS CLOUD

MY AVS VIGILANT
Video verification management software for Central Monitoring Station

WIRELESS VIDEO VERIFICATION

THE CONTROL PANELS
Transfers images and audio to the CLOUD MY AVS through the GPRS / 4G connection or via EWEB PLUS VIDEO network board.

IP VIDEO VERIFICATION

PUSH NOTIFICATION

XSAT WS4 VIDEO
Expansion module/repeater on BUS RS485 for wireless bidirectional devices and video detectors

RVS VIDEO SATELLITE
Bidirectional Plug-in wireless zone module for video detector

RAPTOR

eweb

EWEB PLUS VIDEO
Optional board LAN/Ethernet with VIDEO.

MY AVS ALARM

jet VIDEO

TVCC IP Internet Protocol address

JET PA WS4 VIDEO
Transfers wireless the images and audio detected following an alarm to the XSAT WS 4 VIDEO satellite or RVS.

APP MY AVS ALARM
The end-user receives the PUSH notification to view the video of the alarm that happened.

RAPTOR - THE BIDIRECTIONAL SYSTEM COMPLETE AND EASY TO INSTALL

CITY WS 4
LED OUTDOOR SIREN
Available in carbon look version **(C)**

GHOST WS 4 PLUS
BIDIRECTIONAL WIRELESS TRANSMITTER OR DOORS AND WINDOWS
With two-channels magnetic contact and inertial detector

WIC 4 PLUS
WIC 4 MINI PLUS
WIRELESS MAGNETIC CONTACT DOUBLE CHANNEL WITH INERTIAL
Available also without the inertial **WIC 4 - WIC 4 MINI** and in brown color **(B)** - black color **(N)**

JET 360 WS 4
INDOOR CEILING MOUNTING PIR

SD4 WS
INDOOR OPTICAL SMOKE DETECTOR WIRELESS

JET DT WS 4
INDOOR DOUBLE VOLUMETRIC TECHNOLOGY DETECTOR
Available also in PIR **JET PA WS 4**

JET PA WS 4 VIDEO
PASSIVE INFRARED DETECTOR
with antimasking and camera/audio integrated

TS22 WS4
INDOOR SIREN

A500 WS 4
BI-DIRECTIONAL LCD WIRELESS KEY PAD, WHITE COLOR **A500 PLUS WS 4** BI-DIRECTIONAL LCD WIRELESS KEYPAD, WITH ADVANCED FUNCTIONS, WHITE COLOR.
Key pad available in Carbon Look.

XSAT WS 4 VIDEO
EXPANSION MODULE/ REPEATER ON BUS RS485
for wireless bidirectional devices and video detectors

RVS VIDEO SATELLITE
Bidirectional Plug-in wireless zone module for video detectors

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**

MDR 201
ROLLER SHUTTER MODULE
Available different home automation modules:
MDS 201, MDS 202, MDD201

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**
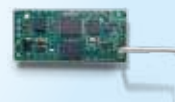
BIP 4 PLUS
BIDIRECTIONAL REMOTE CONTROL
Available also in Carbon Look (C)

ZEN 4 PLUS
BIDIRECTIONAL MINI REMOTE CONTROL
with 4 functions.

NEW

RAPTOR CONTROL PANEL - TECHNICAL DATA

	220AC		BATTERY	
	RAPTOR R RAPTOR R 4G	RAPTOR RK RAPTOR RK 4G	RAPTOR R LC 4G	RAPTOR RK LC 4G
INPUT & OUTPUT				
Programmable software zones	125	125	125	125
Wired input zones	3+8	3+8	3(NO)	3(NO)
Zone mapping	✓	✓	✓	✓
Relais (C/NC/NO) for traditional sirens	1	1	-	-
Open collector output on board	2	2	-	-
FUNCTIONAL FEATURES				
Areas	8	8	8	8
Arming /partialization per area	4	4	4	4
Area for round check	✓	✓	✓	✓
Multifunctional Scenarios	64	64	64	64
WIRELESS				
Bidirectional comunication GFSK - FM868 Mhz	✓	✓	✓	✓
AFC (Automatic Frequency Change)	✓	✓	✓	✓
DPT (Dynamic power transmission management)	✓	✓	✓	✓
RDS (Remote Detector Setting)	✓	✓	✓	✓
Dynamic management low comsuption - ALP (Automatic Low Power)	✓	✓	✓	✓
Wireless Jamming detection	✓	✓	✓	✓
Wireless range in open area	200 m	200 m	200 m	200 m
VARIOUS WIRELESS				
Wireless keypads	4	4	4	4
Wireless Sirens	2	2	2	2
Wireless Detectors	125	125	125	125
Remote controls	125	125	125	125
KEY & CODES				
Installer Code	2	2	2	2
User Code & Emergency codes	125	125	125	125
Keys/Tag NFC with user recognition	125	125	125 (no NFC)	125
NETWORK TCP-IP CONNECTIVITY				
Interface comunicator with other systems	✓	✓	-	-
WEB Server Interface	✓	✓	-	-
User Management with App My Avs Alarm in Cloud	✓	✓	-	-
Control Panel Programming with the installer APP My Avs Manager in Cloud	✓	✓	✓	✓
PHONE DIALLER				
PSTN Dialler	opt	opt	opt - no rtc	opt - no rtc
GSM/GPRS with vocal / digital / sms	✓	✓	✓ - no rtc	✓ - no rtc
2G - 3G - LTE - 4G Dialler	Only 4G model			
Vocal Sint. With pre-recorded library and 40 customizable messagges	✓	✓	✓	✓
Phone numbers	16	16	16	16
Remote System management from phones (DTMF)	✓	✓	✓ (After notification)	✓ (After notification)
Periodic call testing to check system functionality	✓	✓	✓	✓
Vocal guide	✓	✓	✓	✓
Remote listening	✓	✓	✓	✓
TIMERS				
Weekly Timer	✓	✓	✓	✓
Bank Holidays Management	10	10	10	10
Daily Operations: Areas: Arming / Disarming	16	16	16	16
SYSTEM PROGRAMMING AND CONFIGURATION				
XWIN: Programming software with real time functionality	✓	✓	Local	Local
Wizard on App MY AVS MANAGER installer	✓	✓	✓	✓
App MY AVS MANAGER installer - Total programming	✓	✓	✓	✓
Wizard installer on keypad with vocal syntesys	-	✓	-	✓
CONFIGURATIONS OF WIRELESS DEVICES				
Setting - Range/ sensibility	✓	✓	✓	✓
Setting Special Functions - Accelerometer - AM - SW - Alarm	✓	✓	✓	✓
Management of reduction of consumption	✓	✓	-	✓
STRUCTURE				
Embedded keypad with LCD display	-	✓	-	✓
Embedded keypad with Touch Screen 4.3” display	-	-	-	-
Key pad on BUS RS485	7	7	-	-
Embedded Siren	✓	✓	✓	✓
USB	✓	✓	✓	✓
Switching Power Supply	1A	1A	-	-
Batteries	12 V 2,1 Ah	12 V 2,1 Ah	6x1,5Vdc D	6x1,5Vdc D
Cabinet (L x H x P) mm	247 x 232 x 55			
HOME AUTOMATION				
N° modules	115	115	-	-
N° rooms	16	16	-	-

SYSTEM ACCESSORIES

ICE
Touchscreen keypad
BUS RS485

A 500/A600 EVO
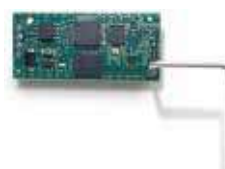LCD keypad BUS RS485

TOY L/TOY LN
TAG proximity

NFC))

XSAT WS4 VIDEO
Expansion module/repeater on BUS RS485 for wireless bidirectional devices and video detectors

RVS VIDEO SATELLITE
Bidirectional Plug-in wireless zone module for video detectors

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 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

EWEB PLUS B VIDEO
Optional Ethernet network with VIDEO

eweb

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

xgate

SISTEMA DI QUALITÀ CERTIFICATO ISO 9001

CE

ITALIAN FIRM

GARANZIA 3 WARRANTY ANNI YEARS

HIGH Friend TECH

ENERGY -30%

ECO

FOLLOW US

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