AVS electronics

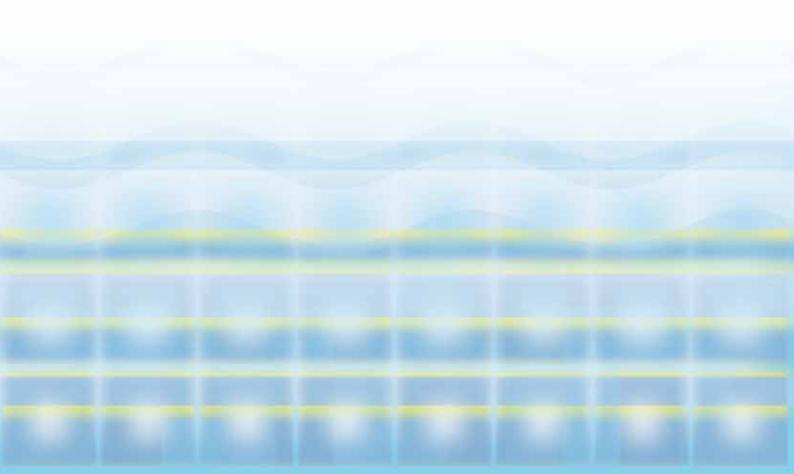**ITALIAN SECURITY MANUFACTURER**

RIELLO ELETTRONICA

Reference guide

AVS Electronics,
where ideas become reality.

AVS Electronics is present on the market since 1974 as an Italian producer of security systems, becoming a leading company in its field. With over 40 years of a successful history, AVS is focused on research and development, design and production of safety products, offering to the market a complete range of quality products, technologically advanced, unique, reliable, guaranteed over time, to create welfare and safety in everyday life.

INNOVATION & PRODUCTS

Research & development are the hearth of AVS Electronics to offer high quality products and technological solutions, with attention to the components and details, to design reliable products able to satisfy the needs of the market:

1 Providing full protection against external threats.

2 Making easier and more integrated life everyday.

3 Working to create safety and well-being for each individual.

All the AVS Electronics products are designed, developed and manufactured with avant-garde technology, environmentally friendly and most of them guaranteed three years.

AVS electronics
ITALIAN SECURITY MANUFACTURER

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Core of an advanced system.

Capture

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

Capture

Code	Item - Features

1100178   CAPTURE 8

Control panel 8 zones with remote management

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

INCERT EN 50131 Grade 2 CERTIFICATION

1100182   CAPTURE 16

Control panel 16 zones with remote management

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

INCERT EN 50131 Grade 2 CERTIFICATION

1100193   CAPTURE 16M

Control panel 16 zones with remote management

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

INCERT EN 50131 Grade 2 CERTIFICATION

Capture

Code	Item - Features

1100180 CAPTURE 32

Control panel 32 zones with remote management

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

1100194 CAPTURE 32M

Control panel 32 zones with remote management

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

1100217 CAPTURE 64M

Control panel 64 zones with remote management

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

CAPTURE   32M
CAPTURE   64M
CAPTURE 128M

1100218 CAPTURE 128M

Control panel 128 zones with remote management

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

MULTIFUNCTIONAL CONTROL PANELS

CAPTURE SYSTEM DEMO CASE

Code	Item - Features

1191296   CAPTURE SYSTEM DEMO CASE

Capture system demo case in high resistant PVC

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

Content:

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

With XTREAM, the most advanced technology fits to you!
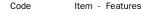
Xtream

With XTREAM, you can control, with few commands, each area of your home, your company, your shop. A smartphone or computer are all what you need to live your security in full freedom!

Code	Item - Features

1100136   XTREAM 640

Control panel 640 zones with remote management

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

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1100145   XTREAM 64

Control panel 64 zones with remote management

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

1100162   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)

IMQ-INCERT EN 50131 Grade 2 CERTIFICATION

MULTIFUNCTIONAL CONTROL PANELS

Code   Item - Features

1100146   XTREAM 32

Control panel 32 zones with remote management

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

1100161   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

1100147   XTREAM 6

Control panel 10 zones with remote management

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

1100165   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)

IMQ-INCERT EN 50131 Grade 2 CERTIFICATION

MULTIFUNCTIONAL CONTROL PANELS

Code	Item - Features

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

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

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

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

1111126   A500 CARBON
Smart LCD keypad

Same features as the A500 with cover carbon look - RS485

1111120   A500 Plus
Smart LCD keypad with audio and NFC Ready

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

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

Same features as the A500 Plus with cover carbon look

1111100   A300
Compact LCD keypad

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

1111101   A300 Plus
Compact LCD keypad

Same features as the A300 with backlighting blue and grey cover

1111109   A600
Compact LCD keypad

Display: large character 16x2 LCD display and 8 signalling LEDs - Backlighting: blue - Cover: white - Zone inputs: 1 (balanced) - Advanced management: advanced keypad with quick selection keys, ABCD keys and multifunctional LED - Power consumption: 170mA - Dimensions of housing (LxHxW): 153 x 120 x 35 mm - Compatibility: CONCORDE, ADVANCE 88, XTREAM
IMQ-INCERT EN 50131 CERTIFICATION

1111110   A600 Plus
Advanced LCD keypad with audio and proximity reader

Same features as the A600 with: "TOUCH" integrated proximity key reader - Signalling status audio output and HELP guide - Volume control and illumination of keys

A500 CARBON

A300 PLUS

Code	Item - Features

1150129 RS 1

Serial Bus proximity readers

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

CERTIFICATION IMQ-INCERT EN 50131

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

1150126 TOUCH-B

Touch proximity tag

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

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

ACCESSORIES FOR CAPTURE - XTREAM: PROXIMITY KEYS AND BADGES WITH "NFC" TECHNOLOGY

1150140 TOY L

NFC key ring proximity tag

Technology: NFC - Material: metal and leather - Colour: red - Compatibility: ICE and A500 PLUS keypads

1150144 TOY LN

NFC key ring proximity tag

Technology: NFC - Material: metal and leather - Colour: black - Compatibility: ICE and A500 PLUS keypads

ACCESSORIES FOR CAPTURE - XTREAM

ACCESSORIES FOR CAPTURE - XTREAM: 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: 13.8 Vdc, 320 mA - Dimensions (LxHxW): 75x121 x 25 mm - Compatibility: XTREAM 6/32/64/640, CAPTURE
IMQ-INCERT EN 50131 - R&TTE CERTIFICATION
"

1170121   XGSM 485

RS485 GSM Telephone dialler

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 - **R&TTE CERTIFICATION**

XGSM 485 with CONT SX

1170122   XGSM 485 PRO

RS485 GSM Telephone dialler

Same features as the XGSM 485 model with: - Sending of digital protocols over data channel with TCP-IP protocol - Simulation and testing presence of PSTN line - 3 terminals configurable as OC

ACCESSORIES FOR XTREAM: VOCAL MESSAGE MODULE

1107121   XSINT

Digital vocal messages module

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

1107125   DIGIVOC

Digital vocal messages module

Connection: PLUG-IN - Recordable messages: 40 - max 120 seconds - Pre-recorded messages: 320 Dynamic RTC function: with vocal help guide - Audio output: to send vocal messages to ICE and A500 PLUS - Compatibility: CAPTURE 8/16/32/64/128
AVAILABLE IN DIFFERENT LANGUAGES

ACCESSORIES FOR CAPTURE: POWER SUPPLY UNIT WITH ZONES AND OUTPUTS

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

XSATPW5Q

Code	Item - Features

1120113   XSAT PW3Q

Power Supply unit in metal housing with zones and outputs

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

1120115   XSAT PW5Q

Power Supply unit in metal housing with zones and outputs

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

1120112   XSAT PW3

Power Supply unit - PCB only version

Same features as XSAT PW3Q, electronics PCB without metal housing

1120114   XSAT PW5

Power Supply unit - PCB only version

Same features as XSAT PW5Q, electronics PCB without metal housing

1120107   XEXP8

8 zones expansion PLUG-IN module

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

1120109   XSAT2

RS485 serial zone extension module 2 zones and 16 outputs

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

1120108   XSAT8

RS485 serial zone extension module 10 zones and 8 outputs

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

XSAT2
XSAT8

1120111   XSAT36

RS485 serial zone extension module 18 zones and 9 outputs

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

ACCESSORIES FOR CAPTURE - XTREAM

ACCESSORIES FOR CAPTURE - XTREAM: 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 32/64/640, XSATHP, CAPTURE
CERTIFICATION: IMQ-INCERT EN 50131

1120124 XSAT HP MINI

RS485 serial zone extension module

HP serial zones/devices: up to 32 - In/out terminals: 4 configurable as balanced inputs or outputs - Connection to the Control panel: RS485 serial - RS485 serial connection of digital peripherals - USB port: one for local management with PC and XWIN software - Power supply and consumption 13.8 Vdc, 75 mA - Dimensions (LxH): 80x55 mm- Compatibility: CAPTURE, XTREAM 32 /64/ 640
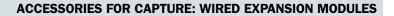
1121112 XSATWS 4

Bidirectional radio 32 zone extension module

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

WIRELESS DEVICES AND ACCESSORIES ON PAGES 24-29

ACCESSORIES FOR CAPTURE: WIRED EXPANSION MODULES

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 35 mA - Dimensions (LxH): 80x55 mm - Compatible with : CAPTURE 8 /16 / 32/64/128
INCERT EN 50131 Grade 2 CERTIFICATION

Code   Item - Features

1105128   EWEB PLUS

Eweb Plus Lan-Ethernet Network Card and Web Server

The EWEB PLUS communication interface is for connecting Capture/Xtream control panels to the LAN network. The integrated Web Server is for managing the Capture/Xtream with a normal Internet Browser, and also offers for the user different functionalities like: - Checking system status in real time on graphical map - Arming and disarming the system and outputs ON-OFF- Checking the log of events, diagnostics and exclusion of zones - Sending alarm, ON-OFF and fault alerts by e-mail - Managing the MY AVS ALARM Mobile App - Connecting up to 4 users at the same time - Sending TCP-IP digital protocols with AES128 bit standard data encryption - **Managing the AVS-XLINK protocol for integration with other systems FREE MY AVS ALARM APP for smartphone and tablet in the APP STORE and GOOGLE PLAY Premium version of MY AVS ALARM - subscription service, information on the site www.myavsalarm.com** - Complete management of the Capture/ Xtream system using the AVS CLOUD Server, turning sectors ON-OFF, management of scenarios, home automation controls, zone status control, diagnostics, reading of events log - Images captured live by the cameras connected to the TCP-IP network, compatible with ONVIF S® or MJPEG® - Receipt of Alarm, ON-OFF and system fault Push notifications - Display of climate data from compatible NETATMO® devices - NOTE®: These are proprietary brands
INSTALLER FUNCTIONS - Programming and updating the firmware of the Capture/ Xtream control panels with XWIN software, via connection to a LAN/WLAN network or remote broadband network - Dynamic DNS management - LAN port: RJ45, 10/100 Mbit/s - Compatibility: CAPTURE, XTREAM control panels, XWIN and ELM software - **IMQ-INCERT EN 50131 Grade 2 CERTIFICATION**

1105130   EWEB WIFI

Wi-Fi network card and web server

The EWEB Wi-Fi communication interface is for connecting the Capture/ Xtream control panels to the available Wi-Fi network - Same features and functions as the EWEB Plus model - Wi-Fi compatibility: 2.4 GHz 802.11 g/n

APP   MY AVS ALARM

App Mobile for Smartphone and tablet

The features offered by MYAVSALARM according to the type of activation are the following:	Light Version (Free)	Premium Version
Verification Control Panel Status		X
Push notifications based on the events - Login/Logoff Control panel - Alarm - Sw on/Sw off Partitions - Inclusion/Exclusion Zone - Fails - Activation/Deactivation Functions - Access	Limited	Complete
Enable/Disable Functions	X	X
Enable/Disable Zone		X
ON/OFF Sectors		X
Connection wheather stations NetAtmo®	X	X
Consultation Events Log	X	X
Diagnostic consultation		X
Scenarios managing		X
Display TVCC ONVIF/MJPEG/RTSP		X
Quick Actions		X
Dynamic DNS		X
Number of devices with authorized access	10	2 Premium + 10 Light
Verification of the dynamic IP		X
ADV Banner	X	
Updates	X	X
Updates new functions		X

1104108   ELM

Centralization software with graphical maps

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

1104110   LIC-ELMXLB

Full user licence for ELM software

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

COMMUNICATION SOFTWARE AND PERIPHERALS

WEB SERVER, MOBILE APPLICATION, GATEWAY ETH TCP-IP, GRAPHICAL MAPS

Code	Item - Features

1105124 **XLINK WS**

Serial PCB RS 232

Management of the XLINK protocol for integration with other systems - Integrated management with the ELM software - Communication port: RS 232 serial port - Connection to the control unit: RS485 serial port - Compatibility: XTREAM and ADVANCE control units, XWIN and ELM software

GATEWAY MODULES FOR BUILDING AUTOMATION

9088106 **XGATE**

IP gateway module for KNX/EIB - MODBus

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

9088104 **LIC-XGATE PLUS**

User licence for XGATE PLUS

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

Comparison chart XGATE e XGATE PLUS

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

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

9099123 **LIC PLUGIN GSC**

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

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

COMMUNICATION SOFTWARE AND PERIPHERALS

POWER 5Q

Code	Item - Features

1120117 **POWER 3Q**

Power supply unit in metal housing - serial connection RS485

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

1120119 **POWER 5Q**

Power supply unit in metal housing - serial connection RS485

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

1120116 **POWER 3**

Power supply unit - PCB only version

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

1120118 **POWER 5**

Power supply unit - PCB only version

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

1180144 **PW1**

Switching power supply unit 13,8 Vdc 1A

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

1180156 **PW1,7**

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

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

1180145 **PW3**

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

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

1180149 **PW5**

Switching power supply unit 13,8 Vdc 5A

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

1180169 **TRCPT**

Transformer for Capture

Input tension: 230 V - Output tension: 13.8 Vac, 20 VA - Compatibility: CAPTURE 8/16/32

1180185 **TRCPT M**

Transformer for Capture

Input tension: 230 V - Output tension: 13.8 Vac, 20 VA - Compatibility: CAPTURE 32M/64M/128M

POWER SUPPLY UNITS

BOXES FOR EXTENSION MODULES AND POWER SUPPLY UNITS

CONT SX

Code	Item - Features

1183108   **CONT SX**

Compact containers for extension modules

Container with metal base and ABS cover - Dimensions (LxHxW): 164 x 110 x 36 mm - Compatibility: XSAT2, XSAT8, STARLINK2, XGSM485

1183109   **CONT SX Metal**

Compact containers for extension modules

Container with metal base and cover - **IMQ-INCERT EN50131 CERTIFICATION**

1122102   **CONT SAT W**

Containers for extension modules

ABS container for extension cards - Dimensions (LxHxW): 210 x 210 x 70 mm - Compatibility expansions: XSAT36, XGSM485 and STARLINK2

CONT XTREAM

1122103   **CONT SAT WX**

Containers for extension modules

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

1180147   **CONT XTREAM**

Polyvalent metal containers

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

CONT XTREAM S

1180155   **CONT XTREAM S**

Polyvalent metal containers

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

1188102   **DCP**

Wall spacers for containers, control panels, power unit

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

DCP

SERIAL AMPLIFIER - POWER SUPPLY PARTITOR - RELAY MODULES

1143116   **AMPLIBUS**

Insulator and serial RS485 amplifier

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

1122106   **PWOUT**

Power lines partitor

2 Vdc inputs and 5 outputs protected with fuses - Fuses control LED - Dimensions (LxH): 80 x 55 x 20 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 - **IMQ-INCERT EN 50131 Grade 2 CERTIFICATION**

1120103   **MR 4**

4 Relais module

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

Code	Item - Features

1120104   MR 8

8 Relais module

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

1134111   MC01

Analysis module for switch alarms

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

REMOTE MANAGEMENT AND C.M.S. SOFTWARE

1104101   WINREC

Remote management and C.M.S. software

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

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

1104116   LIC-WINREC

User licence to activate events reception on WINREC

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

1105114   XM 40 PLUS

Modem for remote connection and events reception

Connection to PC: RS232 - Protocols: SIA, SIA HAYES, FAST - Features: events reception and programming - Housing dimensions (LxHxD): 223 x 190 x 65 mm - Compatibility with software: WINREC

XM40

PROGRAMMING SOFTWARE FOR CAPTURE/XTREAM/RAPTOR

1104102   XWIN

Programming software for Xtream/Capture/Raptor with Wizard Included

Features: XTREAM programming software - Local programming via USB or remote via PSTN line, with standard modem V.90 or GSM modem and TCP-IP - 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

EASY PROGRAMMABLE
WIZARD included

Control panels and accessories

PRODUCTS	XTREAM 6	XTREAM 32	XTREAM 64	XTREAM 640	CAPTURE 8	CAPTURE 16	CAPTURE 32	CAPTURE 64	CAPTURE 128
KEYPADS									
A300 - A300 PLUS	•	•	•	•					
A600	•	•	•	•					
A600 Plus	•	•	•	•					
A500 - A500 Plus	•	•	•	•	•	•	•	•	•
ICE	•	•	•	•	•	•	•	•	•
WIRELESS AND WIRED EXTENSION MODULE									
C8					•	•	•	•	•
XEXP 8	•	•	•	•					
XSAT 2	•	•	•	•	•	•	•	•	•
XSAT 8	•	•	•	•	•	•	•	•	•
XSAT 36	•	•	•	•	•	•	•	•	•
XSAT MINI	•	•	•	•	•	•	•	•	•
XSAT HP MINI	•	•	•	•	•	•	•	•	•
XSAT HP	•	•	•	•	•	•	•	•	•
XSAT WS4	•	•	•	•	•	•	•	•	•
VOCAL MODULES									
DIGIVOC					•	•	•	•	•
XSINT	•	•	•						
PSTN / GSM MODULES									
XGSM - XGSM485	•	•	•	•	•	•	•	•	•
RS485 PSU									
XSATPW 3/5/Q	•	•	•	•	•	•	•	•	•
POWER 3/5/Q	•	•	•	•	•	•	•	•	•
PWCPT					•	•	•	•	•
PWCPTM					•	•	•		•
PROXIMITY READERS									
RS	•	•	•	•					
TOUCH	•	•	•	•					
TOY L/T/C	ICE A500 Plus	ICE A500 Plus	ICE A500 Plus	ICE A500 Plus	ICE A500 Plus	ICE A500 Plus	ICE A500 Plus	ICE A500 Plus	ICE A500 Plus
TCP - IP MODULES - RS232 - WEB SERVER - MOBILE APP - GATEWAY									
EWEB	•	•	•	•	•	•	•	•	•
EWEB PLUS	•	•	•	•	•	•	•	•	•
EWEB WIFI	•	•	•	•	•	•	•	•	•
XLINK WS	•	•	•	•					
XGATE	•	•	•	•	•	•	•	•	•
REMOTE MANAGEMENT AND C.M.S. SOFTWARE									
XM40PLUS	ONLY FOR EVENTS RECEPTIONS								
WINREC									
XWIN	•	•	•	•	•	•	•	•	•
ELM	•	•	•	•	•	•	•	•	•

ATTENTION: The list is only indicative and may change without prior notice.

For details contact AVS Electronic Service Dept.: support@avselectronics.it

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

BIDIRECTIONAL
WIRELESS
868 FM MHZ

The AVS wireless, with its high-performance, is a recognized leader in the security field.

REMOTE CONTROLS

Code	Item - Features

1112124 — BIP 4
8-channel remote control - 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 - Colour: Ivory - Dimensions (LxH): 85 x 35 mm - Compatibility: RAPTOR control panel, XSATWS4

1112125 — BIP 4 C
8-channel remote control - carbon look

Same as BIP4 with carbon plastic housing

1112122 — BIP 4 PLUS
Bidirectional 8-channel remote control - white housing

8-channel transmitter - 5 activation keys - TX functions: controls for arming/disarming, activation of outputs - RX functions: multi-coloured 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 - Colour: Ivory - Dimensions (LxH): 85 x 35 mm - Compatibility: RAPTOR Control panel, XSATWS4

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

Same as BIP4 PLUS with carbon plastic housing

1112108 — CLIP
BIP 4 remote control support

BIP4 remote controls support for wall mounting - Colour: Ivory

BIP 4 PLUS

BIP 4 PLUS C

DETECTORS, TRANSMITTER, CONTACTS

1131134 — JET PA WS 4
Bidirectional wireless passive infrared detector with antimasking

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

ACCESSORIES FOR JET PA WS PAGE 34

1131133 — JET DT WS 4
Bidirectional wireless double technology detector with antimasking

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

ACCESSORIES FOR JET DT WS PAGE 34

PET IMMUNITY

WIRELESS PRODUCTS

Code	Item - Features

1131131 WIC4

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

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

1131132 WIC4 B

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

Same as WIC4 with brown plastic housing

1131129 WIC4 PLUS

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

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

1131130 WIC4 PLUS B

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

Same as WIC4 plus with brown plastic housing

1131138 JET 360 WS 4

Bidirectional wireless 360° ceiling infrared detector

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

1136109 SD4 WS

Bidirectional wireless optical smoke detector

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

WIRELESS PRODUCTS

DETECTORS, TRANSMITTER, CONTACTS

Code	Item - Features

1131135   WING4 WS

Bidirectional wireless curtain passive infrared detector - white housing

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

WING4 WS
WING4 MWS

1131136   WING4 WS B

Bidirectional wireless curtain passive infrared detector - brown housing

Same as WING 4 WS with brown plastic housing

1131137   WING4 MWS

Bidirectional wireless curtain passive infrared detector with antimasking - white housing

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

WING4 WS B

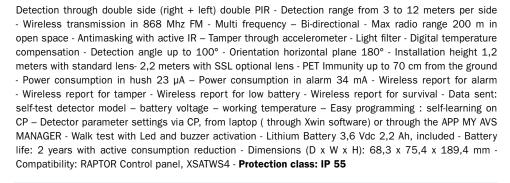## WIRELESS OUTDOOR PIR PASSIVE INFRARED DETECTORS

1132144   ONE PA WS 4

Bidirectional wireless outdoor curtain detector

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

1132146   SPECTRUM PA WS WALL 4

Bidirectional wireless double side double PIR outdoor detector

Detection through double side (right + left) double PIR - Detection range from 3 to 12 meters per side - Wireless transmission in 868 Mhz FM - Multi frequency – Bi-directional - Max radio range 200 m in open space - 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 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 - Compatibility: RAPTOR Control panel, XSATWS4 - **Protection class: IP 55**

1132147   SPECTRUM PA WS WALL AM 4

Bidirectional wireless double side double PIR outdoor detector with antimasking

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

Spectrum Wall

WIRELESS OUTDOOR PIR PASSIVE INFRARED DETECTORS

Code	Item - Features

1132148   OUTSPIDER PA WS 4

Bidirectional wireless outdoor passive infrared detector with antimasking

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

WIRELESS OUTDOOR PIR+MW DUAL TECHNOLOGY DETECTORS

1132145   SPECTRUM DT WS AM 4

Bidirectional wireless outdoor triple technology detector with antimasking

Detection through double PIR and microwave 10.525 GHz - Detection range from 3 to 12 meters - Wireless transmission in 868 MHz FM - multi frequency - bi-directional - max range 200 m - Antimasking with active IR adjustable detection distance - Tamper through accelerometer - Light filter - Digital temperature compensation - Detection angle up to 100° - Orientation horizontal plane 180° - Installation height 1,2 meters with standard lens - 2,2 meters with SSL optional lens - PET Immunity up to 70 cm from the ground - Power consumption in hush 23 µA - Power consumption in alarm 34 mA - Wireless report for alarm - Wireless report for antimasking - Wireless report for tamper – Wireless report for low battery - Wireless report for survival - Data sent: detector model – battery voltage – working temperature – Easy programming : self-learning on CP - Detector parameter settings via CP, from laptop (through Xwin software) or through the APP MY AVS MANAGER - Walk test with Led and buzzer activation - Lithium battery 3,6 Vdc 2,2 Ah, included - Battery life: 2 years with active consumption reduction - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm - Compatibility: RAPTOR Control panel, XSATWS4 - **Protection class: IP 55**

1132149   OUTSPIDER DT WS 4

Bidirectional wireless outdoor dual technology detector with antimasking

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

WIRELESS PRODUCTS

WIRELESS EXTERNAL SIRENS AND ACCESSORIES

Code	Item - Features

1164107   CITY WS 4

Bidirectional wireless self-powered siren

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

1164108   CITY WS 4 C

Carbon look bidirectional wireless self-powered siren

Same as CITY WS4 with carbon plastic housing

1164110   ALCITYWS 4

Power supply unit for wireless bidirectional siren

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

WIRELESS REPEATER

1121111   RPT WS 4

Bi-Directional wireless repeater

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

UNIVERSAL WIRELESS OUTDOOR PIR PASSIVE INFRARED DETECTORS

1132134   SPECTRUM PA WS WALL STD

Universal wireless double side double Pir outdoor detector

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

1132137   SPECTRUM PA WS WALL STD AM

Universal wireless double side double Pir outdoor detector with antimasking

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

SpectrumWall

UNIVERSAL WIRELESS OUTDOOR PIR PASSIVE INFRARED DETECTORS

Code   Item - Features

1132111   **OUTSPIDER PA WS UB**

Wireless outdoor passive infrared detector with antimasking

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

1132112   **OUTSPIDER PA WS U**

Wireless outdoor passive infrared detector with antimasking

Same as OUTSPIDER PA WS UB - lithium battery NOT INCLUDED

UNIVERSAL WIRELESS OUTDOOR PIR+MW DUAL TECHNOLOGY DETECTORS

1132133   **SPECTRUM DT WS STD AM**

Wireless universal outdoor triple technology detector with antimasking

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

1132113   **OUTSPIDER DT WS UB**

Wireless outdoor dual technology detector with antimasking

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

1132114   **OUTSPIDER DT WS U**

Wireless outdoor dual technology detector with antimasking

Same as OUTSPIDER DT WS UB - lithium battery NOT INCLUDED

ACCESSORIES FOR OUTDOOR DETECTORS

SSC

SSD

SSL

KB
KBT

Code	Item - Features
1135110	**SSC**
	Rain protection cap for Spectrum

Frontal sunshield for rain protection

1135111	**SSD**
	Spacer for Spectrum

47 mm spacer, included by default for STD series

1135109	**SSL**
	Optional lens for Spectrum

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

1135112	**STA**
	Tamper for Spectrum

Mechanical optional tamper

1134109	**KB**
	Bracket

Orientation bracket for SPECTRUM when installed at 2,2 meters with SSl lens - not available wall series
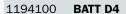
1134110	**KBT**
	Bracket with antipulling tamper

Same characteristics as KB with tamper
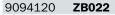
SPARE PARTS BATTERIES FOR WIRELESS PRODUCTS

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

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

9094120	**ZB022**
	Lithium battery for detectors SPECTRUM WS/JET WS/WIC WS/A500 WS

Replacement battery for SPIDER PA WS II series , SPECTRUM WS, JET WS, WIC 4 WS, - 3,6 Vdc - 2,2 A

9094124	**ZB20105**
	Lithium battery for wireless detectors SPECTRUM WS and OUTSPIDER WS

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

9094121	**ZBCR2032**
	Lithium battery for remote controls BIP

Replacement battery for remote controls BIP, BIP2, BIP4 series

9094119	**ZBDL123A**
	Lithium battery for wireless detectors JET 360 WS4/WING 4 WS/WIC 4 WS

Replacement battery for SD WS, SPY360 WS, JET 360 WS, SPY WS, WING2 WS - 3,0 Vdc - 1,1 A

9094123	**ZBSL760**
	Lithium battery for wireless detectors ONE PAWS 4

Replacement battery for ONE PAWS, WIC2 WS- 3,6 Vdc -2,2 A

There's no line? You have the autonomy of the GSM STARLINK.

1170123 STARLINK 2
GSM Telephone dialler and interface

Communication protocols: voice and SMS messages - Sending and receiving of SMS messages - Connection: universal - Double SIM CARD - GSM/GPRS module - Speech synthesis: optional - DIGIVOC model with a digital library of over 300 pre-recorded and personalisable 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 - Simulation and control of PSTN line - 3 terminals that can be configured as OC logic outputs or inputs - Power consumption: max 320mA - Dimensions of card (LxHxW): 75 x 121 x 25 mm - Compatibility: UNIVERSAL - PCB only version with antenna
TELEPHONE DIALLER FUNCTION: with enabling of the DIGIVOC and sending of voice messages to a max of 8 telephone numbers

1170124 STARLINK 2B
GSM Telephone dialler and interface

Same features as the STARLINK 2, with these differences: - Provided in a metal container with antenna - Dimensions of container (LxHxW): 164 x 110 x 36 mm - Compatibility: Universal - PCB only version with antenna

1107125 DIGIVOC
Speech synthesis for STARLINK 2

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

1183108 CONT SX
Compact container for modules and PCB

Optional container for STARLINK 2

1122102 CONT SAT W
Container for modules and PCB

ABS container for cards and modules - Dimensions of container (LxHxW): 210 x 210 x 70 mm - Compatibility: expansions XSAT 36, XGSM 485 and STARLINK 2

1172108 KP5
GSM antenna extension cable

Length of extension cable: 5 m - Compatibility: GSM PLUS, XGSM, STARLINK 2, KIT TEL

STARLINK 2B

DIGIVOC

CONT SX

CONT SAT W

KP5

GSM TELEPHONE DIALLERS

Home, my security home.

jet

Nothing better to back home, comfortable and safe, supervised by a reliable products that fit harmoniously into the house.

Code	Item - Features

1130133   **JET PA**

Passive infrared detector

Range: 15 m - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics - Mirror look down for anti-masking cover - Selectable line balancing elements 1-2, 2-4, 7-10 kohm - Selectable PET Immunity 0-12-24 kg - Thermal compensation - Alarm LED - Power supply and power consumption: 13.8 Vdc - 4 mA - Height of installation: max 2.70 m - Dimensions (LxHxW): 65 x 120 x 39 mm
Compliance: 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 - 42 mA - Height of installation: max 2.70 m - Dimensions (LxHxW): 65 x 120 x 39 mm
Compliance: EN 50131 - Grade 2 - Class 2

1130135   **JET DT AM**

IR + MW dual technology detector with antimasking

Range: 15 m. - Aspherical lens: coverage 90° 7 levels and 41 sectors with sealed optics - Mirror look down for anti-masking lens - ANTIMASKING with active IR- Operation: AND, OR/SECURITY (IR integration) - Selectable line balancing elements 1-2, 2-4, 7-10 kohm - Selectable PET Immunity 0-12-24 kg - Thermal compensation - Microwave frequency: 10.525 GHz - Alarm, infrared and microwave LED - Power supply and power consumption: 13.8 Vdc - 42 mA - Height of installation: max 2.70 m - Dimensions (LxHxW): 65 x 120 x 39 mm - **Compliance: EN 50131 - Grade 3 - Class 2**

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 mts - PET Immunity - Fresnel lens coverage: 90° with look down mirror - optional lens (mod. CLI) for curtain protection 15 mts on 5° - Connection: RS485 - Microwave function: ANTIMASKING and fail control - Active test function of PIR with fail signalling - Security function: automatic with IR or MW fail - Control and monitoring with oscilloscope function and parameters setting via XWIN software - Alarm setting: AND/OR/SECURITY - Microwave frequency: 10,525 GHz - Memory events with date/hour/temperature/IR and MW signals - Accelerometer for cover opening, wall removal, position changing - Aux input for anti-wall removal protection - Programmable LEDs - Power supply and power consumption: 13.8 Vdc - 60 mA max - Environmental condition: -20°C + 55°C - Dimensions (LxHxD): 65 x 120 x 39 mm

1130143   **JET DT HP**

Digital dual technology detector RS485

Dual tech PIR + microwave - Detection range: 15 meters - Fresnel lens coverage: 90° with look down mirror - PET Immunity - optional lens (mod. CLI) for curtain protection 15 mts on 5° - Connection: RS485 - Monitoring with oscilloscope function and parameters setting via XWIN software - Alarm setting: AND
- Microwave frequency: 10,525 GHz - Aux input for anti-wall removal protection - Programmable LEDs - Power supply and power consumption: 13.8 Vdc - 60 mA max - Environmental condition: -25°C + 55°C - Dimensions (LxHxD): 65 x 120 x 39 mm

SPY M - INDOOR MICROWAVE DETECTORS

Code	Item - Features
1130116	**SPY M2**

Double microwave detector

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

INDOOR DETECTORS ACCESSORIES

CLI

1130142	**CLI**

Curtain lens for JET detectors

Aspherical curtain lens with coverage of 15 m - 5°

K21

1130136	**K21**

Wall and ceiling bracket for JET detectors

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

K21T

1130137	**K21T**

Wall and ceiling bracket for JET detectors

Same functional features as model K21 T - without tamper

1134109	**KB**

Wall bracket for detectors SPY/ONE/SPECTRUM

Same functional features as model KBT - with tamper

KB
KBT

1134110	**KBT**

Wall bracket with tamper for detectors SPY/ONE/SPECTRUM

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

Where does your security start?

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

ONE - DIGITAL CURTAIN DETECTORS FOR OUTDOOR PROTECTION

Code   Item - Features

1132115   ONE DT

Outdoor dual technology curtain detector

Dual technology IR+MW 24Ghz with curtain coverage - Coverage of 12 m max with maximum opening of 2 m - Height of installation between 1.9 and 2.2 m - Dual ANTI-MASKING with ACTIVE IR and microwave - ACCELEROMETER device for anti-tear signalling function - Digital thermal compensation - PET Immunity with optical lens filter - Protection tamper device for signalling opening - Power supply: 13.8Vdc - Dimensions (WxLxH): 44 x 40 x 123 mm - Universal connection with relay outputs and OC logics - Fixing on wall with supports and 90° adapters provided as standard - **Protection class: IP 54**

1132116   ONE DT HP

Outdoor dual technology detector with RS485 Bus

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

1132118   ONE PA

Outdoor infrared curtain detector

Passive infrared curtain sensor with Fresnel lens - Coverage of 8 m max with maximum opening of 1.8 m - Height of installation between 1.9 m and 2.2 m - ANTI MASKING function with ACTIVE IR - PET Immunity with optional lens filter - Anti-opening tamper device - Accelerometer device for anti-tear signalling function - Digital thermal compensation - Dimensions (WxLxH): 44 x 40 x 123 mm - Universal connection with relay outputs and OC logics - **Protection class: IP 54**

1132119   ONE PA HP

Outdoor infrared curtain detector with RS485 Bus

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

1135113   OSC

Protection cap for detector ONE

Frontal cap for rain protection for detector ONE

OSC

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/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 a 15 Vdc - Power consumption in hush 21mA - Power consumption in alarm 25 mA - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm
Protection class: IP 55

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 a 15 Vdc - Power consumption in hush 21mA - Power consumption in alarm 25 mA - Dimensions (D x W x H): 68,3 x 75,4 x 189,4 mm
Protection class: IP 55

Code	Item - Features

1132135   SPECTRUM PA WALL AM

Double side double Pir outdoor detector with antimasking

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

1135110   SSC

Front cap

Front cap to increase the protection against rain

1135111   SSD

Bottom spacer

47 mm spacer, included by default for STD series

1135109   SSL

2,2 meters lens

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

1135112   STA

Antipulling tamper

Optional antipulling tamper when accelerometer disable

1134109   KB

Wall bracket for detectors SPY/ONE/SPECTRUM

Same functional features as model KBT - with tamper

1134110   KBT

Wall bracket with tamper for detectors SPY/ONE/SPECTRUM

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

SSC

SSD

SSL

KB
KBT

OUTSPIDER - DIGITAL DETECTOR FOR OUTDOOR PROTECTION

1132108   OUTSPIDER DT

Outdoor dual technology detector with antimasking

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

1132107   OUTSPIDER PA

Outdoor dual PIR detector with antimasking

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

DIGITAL OUTDOOR PERIMETER PROTECTION

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 - Alarms memory - False alarm filter - Consumption: 130 mA (TX + RX) - Supplying: 13,8 Vdc - Dimensions (LxHxD): 111 x 152 x 196 mm - Housing: plastic box with inside calibration

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

1141157   **BM 200 HP**

Digital outdoor dual technology detector IR+MW 200 meters

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

BM HP - DIGITAL MICROWAVE BARRIERS SUPPLY VOLTAGE 220 VAC

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

1141161   **BM 60 HP VAC**

Digital outdoor microwave barrier 60 meters range

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

1141162   **BM 120 HP VAC**

Digital outdoor microwave barrier 120 meters range

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

1141163   **BM 200 HP VAC**

Digital outdoor microwave barrier 200 meters range

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

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: 130 mA (TX + RX) - Supplying: 13,8 Vdc - Dimensions (LxHxD): 111 x 152 x 196 mm - Housing: plastic box with inside adjustment

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

DIGITAL OUTDOOR PERIMETER PROTECTION

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

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

DISPONIBILE
24 GHz
AVAILABLE

Code	Item - Features

1141176   BM 60 HP 24G VAC

Digital outdoor microwave barrier 60 meters range - 24 GHz

MW range: up to 60 meters - Frequency 24 GHz - Separate outputs for alarm, disqualification and tamper - Additional input for outdoor detectors - RS485 connection to XTREAM and XSATHP - USB connection directly to PC - Complete management by PC via HPWIN software - Alarms memory - False alarm filter - Consumption: 130 mA (TX + RX) - Supplying: 230 Vac , battery not included - Dimensions (LxHxD): 136 x 225 x 225 mm - Housing: plastic box with inside calibration

1141177   BM 120 HP 24G VAC

Digital outdoor microwave barrier 120 meters range - 24 GHz

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

ACCESSORIES FOR DIGITAL OUTDOOR DETECTORS AND BM HP BARRIERS

1143118   BATT BM HP VAC

Battery for microwave barriers

Lead acid sealed battery 12 Vdc 0,8 A

1135105   USB-OUT

USB cable adapter

USB cable adapter for OUTSPIDER detector - Compatibility with OUTSPIDER range
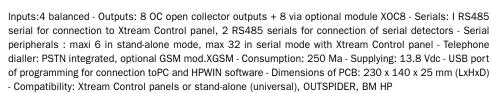
1143113   XOC8

Outputs extension module

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

1143112   XSATHP

Extension PCB for dgital detectors RS485 Bus

Inputs:4 balanced - Outputs: 8 OC open collector outputs + 8 via optional module XOC8 - Serials: I RS485 serial for connection to Xtream Control panel, 2 RS485 serials for connection of serial detectors - Serial peripherals : maxi 6 in stand-alone mode, max 32 in serial mode with Xtream Control panel - Telephone dialler: PSTN integrated, optional GSM mod.XGSM - Consumption: 250 Ma - Supplying: 13.8 Vdc - USB port of programming for connection toPC and HPWIN software - Dimensions of PCB: 230 x 140 x 25 mm (LxHxD) - Compatibility: Xtream Control panels or stand-alone (universal), OUTSPIDER, BM HP

1104111   HPWIN

Programming software for digital peripherals

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

1171103   XGSM

GSM Telephone dialler - PLUG-IN

XGSM allows remote reprogramming by XWIN - Connection: PLUG-IN on the control panels' main board - Consumption: 13.8 Vdc, 320 mA - Dimensions (LxHxW): 75 x 121 x 25 mm - Compatibility: XTREAM 6/32/64/640, CAPTURE - XSAT HP
R&TTE CERTIFICATION

DIGITAL OUTDOOR PERIMETER PROTECTION

WING2 - INFRARED AND DUAL TECHNOLOGY DETECTORS

Code	Item - Features

1130119   WING2

Curtain infrared detector

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

1130120   WING2 B

Curtain infrared detector

As above WING2 with brown colour

1130121   WING2 DT

Dual technology curtain detector PIR+MW

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

WING2 PLUS

1130127   WING2 PLUS

Curtain infrared detector with door (window) opening

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

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

1140116   SBH 50

Slim active infrared barrier 2 beams

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

1140100   SBH 100

Slim active infrared barrier 4 beams

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

1140104   SBH 150

Slim active infrared barrier 6 beams

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

1140110   SBH 200
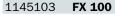
Slim active infrared barrier 8 beams

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

1145113   FX 50

Pair of flush mounting guide-rail for Silver

Compatible with SBH 50

1145103   FX 100

Compatible with SBH 100

1145105   FX 150

Compatible with SBH 150

1145107   FX 200

Compatible with SBH 200

OUTDOOR PERIMETER PROTECTION

BM60 M

BM120 M
BM200 M

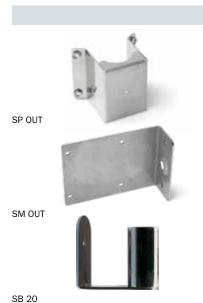| Code	Item - Features
1141147	**BM 60 M**

Microwave barrier 60 meters range

Detection range MW: up to 60 mts - Bus connection: RS485 for remote control - Modulation frequencies: 5 selectable by DIP - Supply voltage: 13,8 Vdc - Current consumption tx + rx: 100 Ma - Dimensions (LxHxD): 111x I52x 196 mm - Housing: ABS with internal inclination adjustment

| **1141100** | **BM 120 M** |

Microwave barrier 120 meters range

Detection range MW: up to 120 mts - Bus connection: RS485 for remote control - Modulation frequencies: 5 selectable by DIP - Supply voltage: 13,8 Vdc - Current consumption tx + rx: 100 Ma - Dimensions (LxHxD): 136 x 225 x 225 mm - Housing:ABS with internai inclination adjustment

| **1141113** | **BM 200 M** |

Microwave barrier 200 meters range

Detection range MW: up to 200 mts - Bus connection: RS485 for remote control - Modulation frequencies: 5 selectable by DIP - Supply voltage: 13,8 Vdc - Current consumption tx + rx: 100 mA - Dimensions (LxHxD): 136 x 225 x 225 mm - Housing: ABS with internai inclination adjustment

BRACKETS AND POLES FOR OUTDOOR BARRIERS

SP OUT

SM OUT

SB 20

SB 60

SB 120   SB 130

TERM 1

| **1135101** | **KIT SP** |

Inox bracket for pole mounting Spectrum

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

| **1135106** | **SP-OUT** |

Pole mounting bracket for Outspider

Pole diameter : 40 mm - Compatibility: OUTSPIDER range

| **1135107** | **SM-OUT** |

Bracket for wall 90° mounting Outspider

Support in steel at 90° - Compatibility: OUTSPIDER range

| **1135108** | **ST-OUT** |

Bracket for pipe PLUG-IN Outspider

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

| **1143107** | **SB 20** |

Wall bracket 20 Cm

Cold galvanizing - Compatibility with: BM M, BM HP

| **1143108** | **SB 60** |

Wall bracket 60 Cm

Cold galvanizing - Compatibility with: BM M, BM HP

| **1143105** | **SB 120** |

Floor standing pole 120 Cm

Cold galvanizing - Compatibility with: BM M, BM HP

| **1143106** | **SB 130** |

Buried pole 130 Cm

Cold galvanizing - Compatibility with: BM M, BM HP

| **1143102** | **TERM 1** |

Heating kit

1 piece - Compatibility with: BM M, BM HP

ANALOG OUTDOOR PERIMETER PROTECTION

BRACKETS AND POLES FOR OUTDOOR BARRIERS

AMP

BR 100

LCDW

Code	Item - Features

1143100	**AMP**
	Anti-removal kit

1 piece - Compatibility with: BM M, BM HP

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

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

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

Signal level measurement electronic BM M - Compatibility with BR 100

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

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

INDOOR SIRENS

Code   Item - Features

1160100   **TS 22 B**

Indoor siren

Sound level: 2 - Power supply: 13,8 Vdc - Colour white - Current consumption: adjustable (200 - 600 mA) - Dimensions (LxHxD): 150 x 10 x 50 mm

1160102   **TS 22 LST**

Loud speaker

TS 22

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

CITY LED RANGE - OUTDOOR SELF-POWERED SIRENS

1161140   **CITY LED**

Outdoor LED siren - Ivory Abs

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

CITY LED

1161128   **CITY LED PLUS**

Outdoor Led siren - Ivory Abs

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

NOTE: COLOR RANGE AT PAGE 46

ALARM 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 - Container: base and cover in ABS, second internal cover in painted steel, Ivory Classic look finishing - Dimensions (HxLxW): 290 x 235 x 110 mm - Power consumption: max 2.5 A in alarm mode, 100 mA with current limiter - Power supply: 13.8 Vdc and 12 Vdc 2.1 A battery
APPROVAL: INCERT, EN50131 GRADE 3 CLASS 4

1161134	**TS 85V LED PLUS**

Outdoor Led siren - Ivory Metal

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

1161136	**TS 85X LED PLUS**
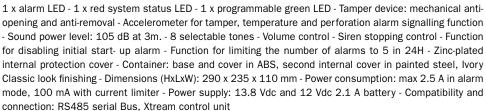
Outdoor Led siren - Stainless Steel

Same features as the TS85 P LED PLUS with: - Container: base in ABS, external cover and second internal cover in painted steel, Stainless Steel look finishing
APPROVAL: 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 - Container: base and cover in ABS, second internal cover in painted steel, Ivory Classic look finishing - Dimensions (HxLxW): 290 x 235 x 110 mm - Power consumption: max 2.5 A in alarm mode, 100 mA with current limiter - Power supply: 13.8 Vdc and 12 Vdc 2.1 A battery - Compatibility and connection: RS485 serial Bus, Xtream control unit
APPROVAL: INCERT, EN50131 GRADE 3 CLASS 4

1161135	**TS 85V LED HP**

Outdoor Led siren on RS485 Bus - Ivory Metal

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

1161137	**TS 85X LED HP**

Outdoor Led siren on RS485 Bus - Stainless Steel

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

ALARM SIRENS

Price list class

CITY LED - COLOR RANGE

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

TS85 LED - COLOR RANGE

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

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

ALARM SIRENS

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

ALARM SIRENS

ACCESSORIES AND SPARE PARTS FOR SIRENS

CF SIREN FLASH COVER WITH DIFFERENT
TRANSPARENT COLOURS

Code	Item - Features

9088101 S85

Optical anti-foam module for Led/Plus sirens

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

1184161 CFB

Light blue cover flash

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

1184147 CFO

Orange flash cover

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

1184172 CFR

Red flash cover

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

1184160 CFT

Transparent flash cover

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

1165141 MOD CITY LED

Spare electronic module for CITY LED siren

Compatibility: CITY LED

1165140 MOD TS85 LED

Spare electronic module for CITY/TS85 LED PLUS

Compatibility: CITY LED PLUS, TS85 LED PLUS

1165142 MOD SIR HP

Spare electronic module for CITY HP and TS85 HP siren

Compatibility: CITY LED HP, TS85 LED HP

1184162 COS LED

Loud speaker for LED range sirens

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

1184113 TAMPER CITY LED

Spare tamper

Compatibility: CITY LED

1184157 TAMPER CITY LED PLUS/HP

Spare tamper

Compatibility: CITY LED PLUS /HP

1184158 TAMPER TS85 LED/HP

Spare tamper

Compatibility: TS 85 LED /HP

ACTIVE IR FIRE BEAM
BF100

OPTICAL SMOKE BARRIER

Code	Item - Features

BF100 A

1142101 BF 100 A
Optical smoke barrier

Detection range: max 100 mts - Functions: active infrared (TX + RX) - Features: microprocessor with serial RS485 output - Visualization: LCDW module (included) + 3 leds - Relay outputs: alarm, fault (separate) - Current consumption: 90 mA (TX+RX) - Dimensions (LxHxD): 159 x 21 I x 96 mm
Certification: VdS EN54-I2, 0786 CPD 20924

1142105 BF 100 R
Reflecting smoke barrier

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

BF100 R   BFS

1144101 BFS
Additional reflecting kit

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

BR 100

1144105 BR100
Metal housing for remote control PCB
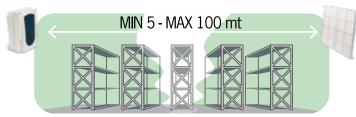
Connection: Serial Bus RS485 - Up to 4 units, BM M, BF 100R, BF 100A - Compatibility with max 4 modules LCDW
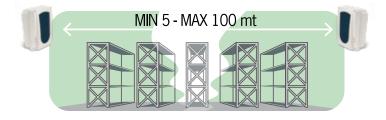
1144104 BF TEST
Filter testing kit for BF I00A/R

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

BF TEST

MIN 5 - MAX 100 mt

EXAMPLE OF APPLICATION BF100 R

MIN 5 - MAX 100 mt

EXAMPLE OF APPLICATION BF100 A

VdS

Foggy

NO TOXIC

NO ODOUR

NO WASTE

And if "fog" became finally the solution?

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

FOG GENERATOR

Code	Item - Features

1176113 — FOGGY 30W
Fogging protection system, ideal for areas of about 100 m²

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

1176114 — FOGGY 30G
Fogging protection system, ideal for areas of about 100 m²

Same features as Foggy 30W with grey box

1176115 — FOGGY 30A
Fogging protection system, ideal for areas of about 100 m²

Same features as Foggy 30W with anthracite-grey box

1176100 — FOGGY 50W
Fogging protection system, ideal for areas of about 250 m²

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

1176101 — FOGGY 50G
Fogging protection system, ideal for areas of about 250 m²

Same features as Foggy 50W with grey box

1176102 — FOGGY 50A
Fogging protection system, ideal for areas of about 250 m²

Same features as Foggy 50W with anthracite-grey box
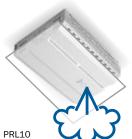
Code	Item - Features

1176103   ER160

Single-jets nozzle opening at 60°

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

ER 160

1176105   ER360

Three-jets nozzle opening at 60°

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

1176104   ER390

Three-jets nozzle opening at 90°

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

1176106   PRL10

Foggy 10 cm extension for nozzle

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

1176112   KEY ER

Socket wrench for nozzle

Socket wrench for an easy nozzle remove

1176107   SRB15

Additional tank 1,5 Liters

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

1176116   SRB10

Additional tank 1 Liters

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

1176111   RIC15

Recharge of fogging liquid 1,5 Liters

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

1176117   RIC10

Recharge of fogging liquid 1 Liters

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

PRL10

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

1,3 Lt   **1** Lt

1176108   LFT

Pulley Kit for installation to the ceiling

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

RIC 15
RIC 10

1104112   FWIN

Software

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

1176110   FDEMO

Foggy 50 System - demonstration kit

1176118   FDEMO30

Foggy 30 System - demonstration kit

LBL

AVS Electronics - *Reference guide:* v2

FOGGING PROTECTION SYSTEM

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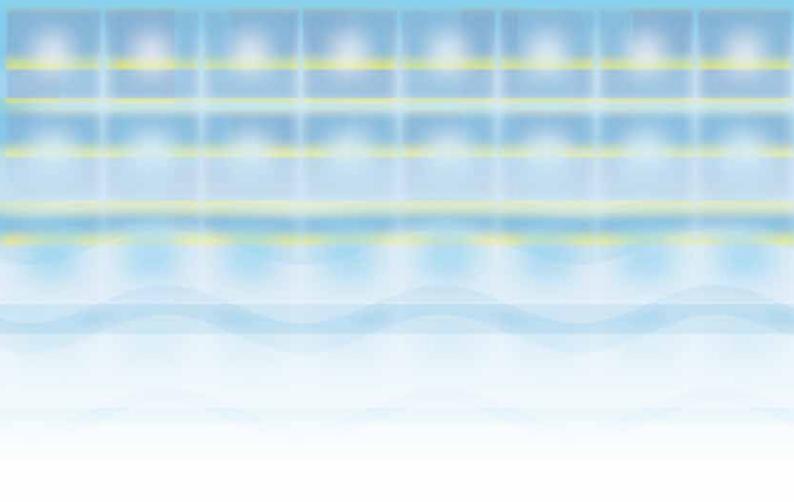|	
1 INTRODUCTION	Present general sales conditions apply entirely to any order with the exception of written different conditions. In case of disagreement the general sales conditions prevail on the purchase conditions of the customer. The suppliers reserves the right to bring the products possible esthetical/ functional modifications in size and structure due to technical reasons, without prior notice.
2 PRICES	The prices shown can be varied to the customers without prior notice, whenever the costs of the Supplier/Manufacturer increased as a consequence of the relation with foreign currency and/or for any other reason. The last price-list issued is intended as in force and will replace the previous ones. Prices do not include VAT, transport costs and other accessories.
3 PAYMENT CONDITIONS	Except where otherwise written, the payment must be done directly at Supplier premises according to the form and conditions agreed. In case of delayed payment , the interests will be calculated as provided and regulated by art. 3,4,5 and 6 of the Law by Decree D.lgs. n.231/02. In this case the Supplier will have the right to stop the deliveries, to suspend immediately and without any formality the deliveries concerning all open orders of the customer even if depending on other contracts, to issue a draft for the amount of the invoices due and to demand immediate and entire payment of the credit or to have a guaranty for it. As per the terms and effects of the art. 1462 of the Civil Law, any possible dispute of one or more lots of goods do not authorize the customer to suspend the payment.
4 CANCELLATION OF THE SUPPLYING CONTRACT	Whenever protests of cheques or bills are served on the Purchaser or the Purchaser is subject to executive procedures of any type or to complicity proceedings (assignment of properties to creditors or bankrupts) the supplying agreement is intended as cancelled by default, and the Supplier will anyway have right to the payment of the goods provided.
5 CARRIAGE	The goods are delivered carriage forward from the warehouse of the Supplier , via Valsugana 63, 35010 Curtarolo (Pd) Italy
6 DELIVERY TERMS	The contract delivery terms are indicative and thus conditioned by either the production possibility of the Supplier and events of "force majeure" such as strike of the personnel of the Supplier, of the Manufacturers, of the Authorities, of the Forwarders or due to natural calamities etc. In no case direct or indirect damages due to delayed delivery can be on charge of the Supplier. Delay in delivery does not authorize the Purchaser to cancel the contract partially or totally. In case the Purchaser needs a goods delivery within a certain date, the Supplier reserves the right to accept or refuse the order. In this case, the term of delivery is intended as satisfied when the goods are delivered to the Forwarder or Transport Company.
7 SHIPMENT	The goods travel on account and complete risk of the Purchaser, even if the Forwarder has been chosen by the Supplier. Even if, as an exception, the transport has been agreed as paid, the goods always travel on the account and complete risk of the Purchaser. Claims concerning the goods supplied must become to the Supplier in written form within 15 days form the arrival of the goods and anyway within 30 days from the shipment from the Supplier warehouse, otherwise the claim will decade.
8. WARRANTY	The Supplier grants the products from manufacturing hidden defects for a period of 36 months since the date of delivery to the Purchaser, with the exception of GSM products, IP modules, switching power supply units, that are covered for a period of 24 months, since the date of delivery to the Purchaser. The warranty does not cover batteries and the products resulting to be tampered, repaired by third parties or used not in conformity to the use conditions provided for. The products questioned, resulting defective according the unobjectionable judgment of the Supplier, will be repaired or replaced with no responsibility for the Supplier for any damage of any nature possibly suffered by the customer for this reason. The claims will have to reach the Supplier according to warranty conditions, in written form, indicating the assumed defective fond on the product. The warranty is given exclusively at the company address of the Supplier -via Valsugana 63 - 35010 Curtarolo (Pd) Italy. The deliveries of the products sent to the Supplier according to this Warranty as well as any additional cost for packaging or for accessories are at the charge of the Purchaser and the goods travel in conformity of the previous paragraph n. 7.
9 RESPONSIBILITY TOWARDS THIRD PARTIES	The Purchaser - by the order - takes the responsibility of respecting the law norms and the security norms concerning the products supplied, as well as the engagement of being aware of all Law limitations.
10 PURSUANCE OF THE LAW	As per the terms and effects of the Law by Decree D.lgs 06.09.2005 n. 206 (Consumer Law) the contract subject to present General Conditions is not subject to the decrees provided for, in the above mentioned norms, being the contractors physical or juridical people acting in the exercise of their commercial, artisanal or professional activity or as intermediate.

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ITALIAN SECURITY MANUFACTURER

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