

 **Safe**
intruder alarm | Comelit



MONITOR, MANAGE
AND WATCH, FOR
TOTAL SECURITY.
COMELIT.

 **Comelit**[®]
Passion and Innovation





Security systems and technologies form an integral part of Comelit's experience. Over the course of its history, Comelit has attained the highest levels of know-how in a range of fields that fall cohesively within the scope of facility monitoring and personal and property security, with particular reference to home automation, CCTV, access control and video door entry systems. Dedicating specific, state-of-the-art, high-performance, user-friendly technologies to the field of anti-intrusion, is therefore the logical evolution of a commitment that combines innovation, versatility and quality.

COMELIT ANTI-INTRUSION: FAMILY VALUE



Comelit anti-intrusion systems are the result of ceaseless Research & Development conducted in-house by highly qualified professionals. Every solution is developed in Italy and every product derives from the Company's ability to innovate, in synergy with the experience-based know-how of a worldwide organisation. The same engine

that drives our research, also brings dynamism and efficiency to our technical service, which oversees the testing of new solutions.

Our far-reaching sales and technical support network constitutes a real guarantee for everyone we interface with, from professional installers, to businesses, to householders.



COMELIT R&D, THE DRIVING FORCE BEHIND OUR INNOVATION



Anti-intrusion

Simple Safe is a comprehensive system capable of meeting a full range of security requirements, with hard-wired or radio systems, to bring you top-flight performance, from detection, to signalling, to integration with other system, all at the service of the user.



Video surveillance

Simple CCTV, a comprehensive range of products for video surveillance. Analogue, IP, HD-SDI, offering top performance for your security.



Access control

Proximity keys and readers with Mifare technology, for managing entrances, exits and scenarios.

INTEGRATION OF COMELIT SYSTEMS

The number of complementary fields covered by Comelit and the breadth of its product range, give rise to an offering that takes the concept of “integration” to a new level. The new Simple Safe anti-intrusion range also owes its development to this principle, and includes solutions that communicate with each other so as to ensure not only top-level functionality, but also new, enhanced levels of security both in terms of monitoring and management of feed-back: alerting, data implementation, activation and deactivation of individual devices.



Home automation

Simple Home: the home automation system for the control of lights, roller shutters, irrigation and consumption.

Total control of your habitat for the benefit of your comfort and security, that can also be used to simulate occupation.



Door entry monitors

Simple Video is not just a simple door entry monitor, but a unique object, capable of meeting all the requirements of the home, from home automation to video monitoring, access control and anti-intrusion.



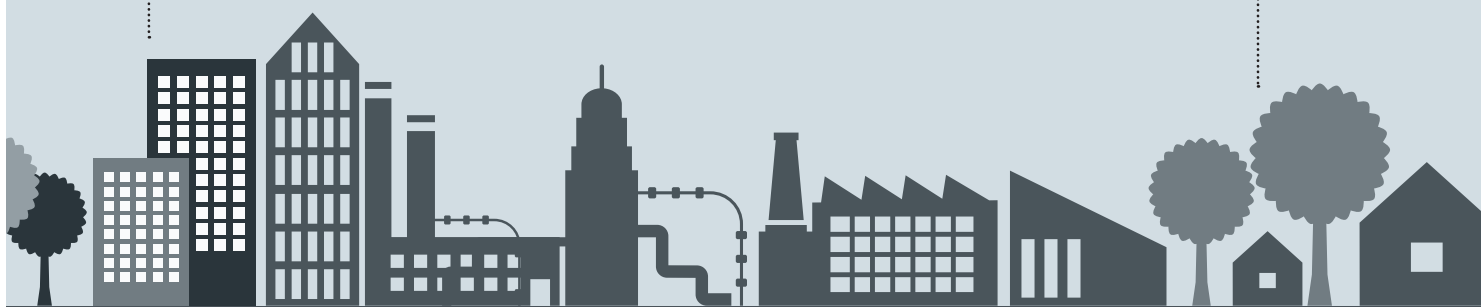
COMELIT APPLICATIONS

Commercial/Public

The increasing security requirements of multi-purpose complexes, outlets and shopping malls find effective, versatile and highly reliable solutions in Comelit technologies.

Residential

From villas to large residential complexes, the capacity of Comelit's technology to combine design, high performance and ease of use makes it a strategic choice for every architectural project.



VEDO
CONTROL PANELS

Page 36

SOUNDERS

Page 44

MAGNETIC CONTACTS

Page 46

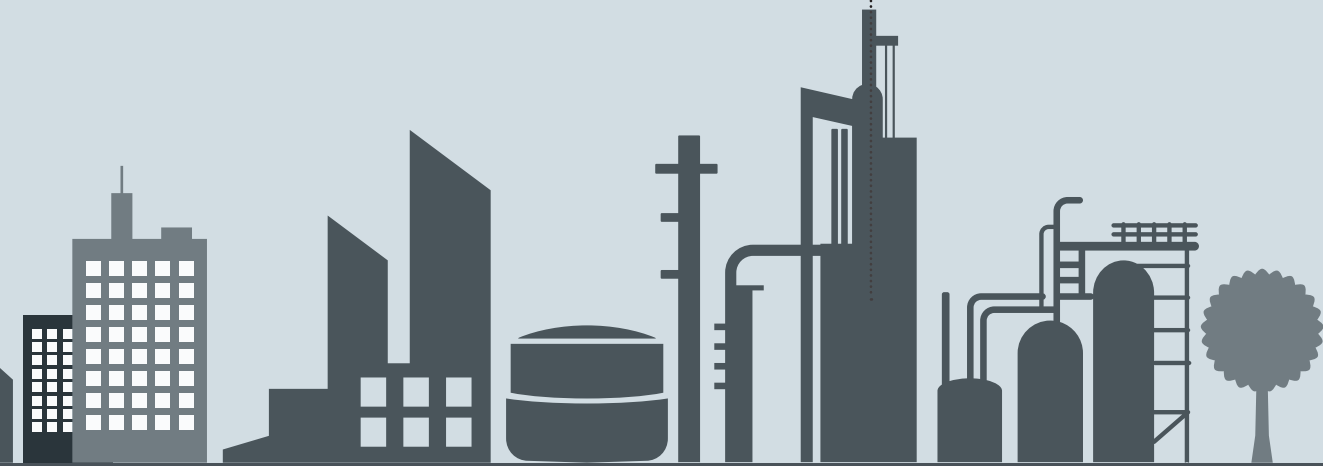
INDOOR VOLUMETRIC SENSORS

Page 50

For Comelit, anti-intrusion means providing totally dependable responses on various levels, that can be coordinated with each other, to meet the many, wide-ranging needs and technical/application requirements of the market. By means of integration between technologies and the communication that can be set up between the various devices using specific ICT networks, you can erect impassable, active barriers for protection and alert signalling. Top-level security, without sacrificing the ease of use of the devices and system as a whole.

Industrial

Comelit anti-intrusion technologies assure the best monitoring of large areas made up of different environments, each with different requirements: from staff entrances, to work islands, to warehouses and storage areas.



OUTDOOR VOLUMETRIC SENSORS

Page 56

BARRIERS

Page 60

TECHNOLOGICAL DETECTORS

Page 78

BATTERIES CABLES

Page 82



VEDO: COMELIT'S NEW CONTROL PANELS



A COMPREHENSIVE RANGE TO MEET EVERY REQUIREMENT.

Comelit's range of control panels and technological devices offers a vast choice of ratings, types and styles. Solutions capable of satisfying any functional or aesthetic requirements with a tailor-made solution. They are available with steel or technical plastic enclosures, or for flush

mounting. The versatility of the range makes it possible to create highly compact units for small size interiors, where space is at a premium, or systems integrated with other Comelit lines and systems. The size may change, but the quality remains the same: all panels are EN50131 compliant.



THE HEART OF THE SYSTEM



VEDO10: 30001008



VEDO34: 30001034

Part Number	Additional Module
30003101	• 8 in/out free expansion module
30003201	• Radio receiver
30001303	• Text-to-speech audio module
30001301	• GSM module
30002401	• TCP/IP module
30001445	• PAL/IP module
30006104	• Proximity activator
30006001	• SafeTouch keypads
30006002	• SafeKey keypads
30006003	• SafeKey keypad with proxy
20034607	• MiniTouch home automation supervisor
20034801	• Home automation supervisor Planux Manager

- Control panel inputs
- Maximum number of zones with double function
- Control panel outputs
- Maximum number of outputs
- Areas
- Number of radio zones
- User code
- Balance type
- Partial activations
- Activation programmes (scenarios)
- Auto-activation models (Public holidays + Schedules)
- Text-to-speech audio messages
- Central programming
- Power supply unit
- Input Output Expansion
- Keypads and activators
- Radio receiver
- Alarm MiniTouch
- Planux Manager / MiniTouch
- PAL IP video module



VEDO34M: 30001034M



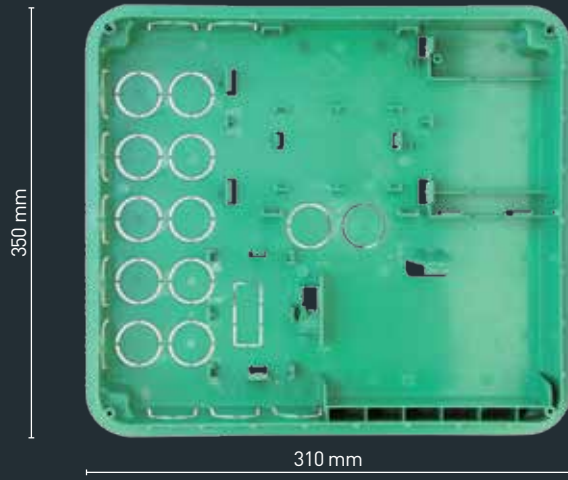
VEDO68: 30001068



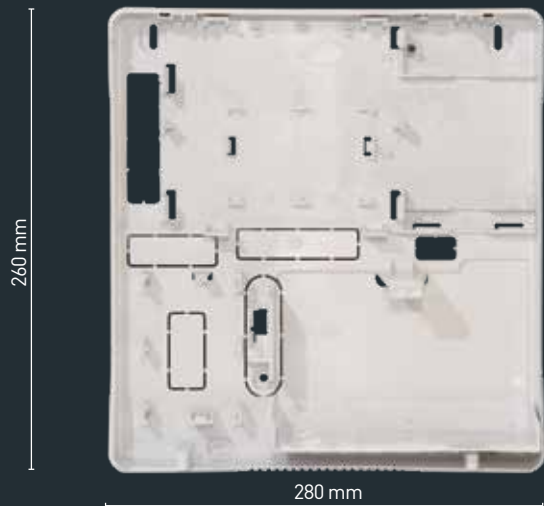
VEDO68M: 30001068M

30001008	30001034	30001034M	30001068	30001068M
8 In exp to 18*	8 Inputs expandable to 34		8 Inputs expandable to 68	
	68	68	136	136
3: 1Relay + 20C				
7	36		50	
2	8	8	8	8
16	34	34	68	68
8	32	32	50	50
NA, NC, Single, Double, Triple, double, double EOL				
2	2	2	2	2
2	8	8	16	16
30	30	30	30	30
20	32	32	48	48
USB	USB	USB	USB	USB
1,5A	1,5A	1,5A	1,5A	3A
0	8	8	12	12
2	8	8	8	8
1	2	2	3	3
1	2	2	4	4
1	2	2	3	3
2	2	2	2	2

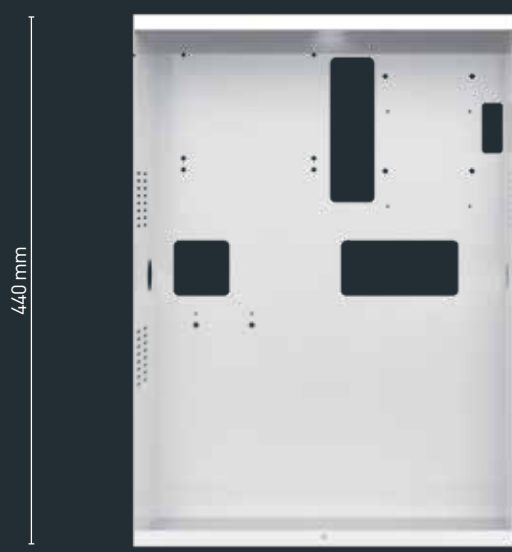
HOUSINGS



PLASTIC FLUSH-MOUNTED HOUSING



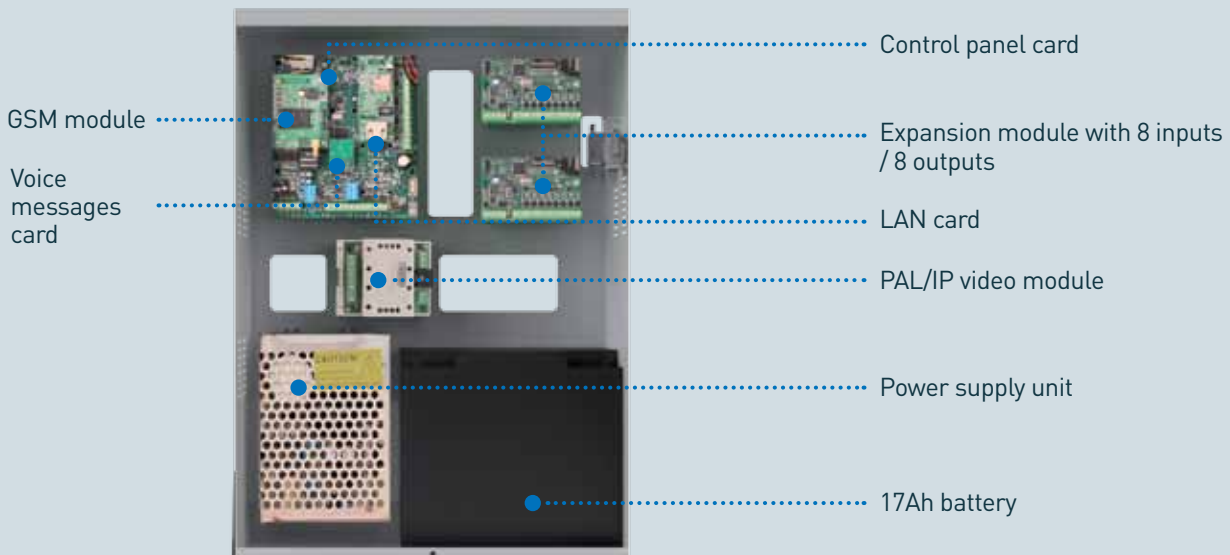
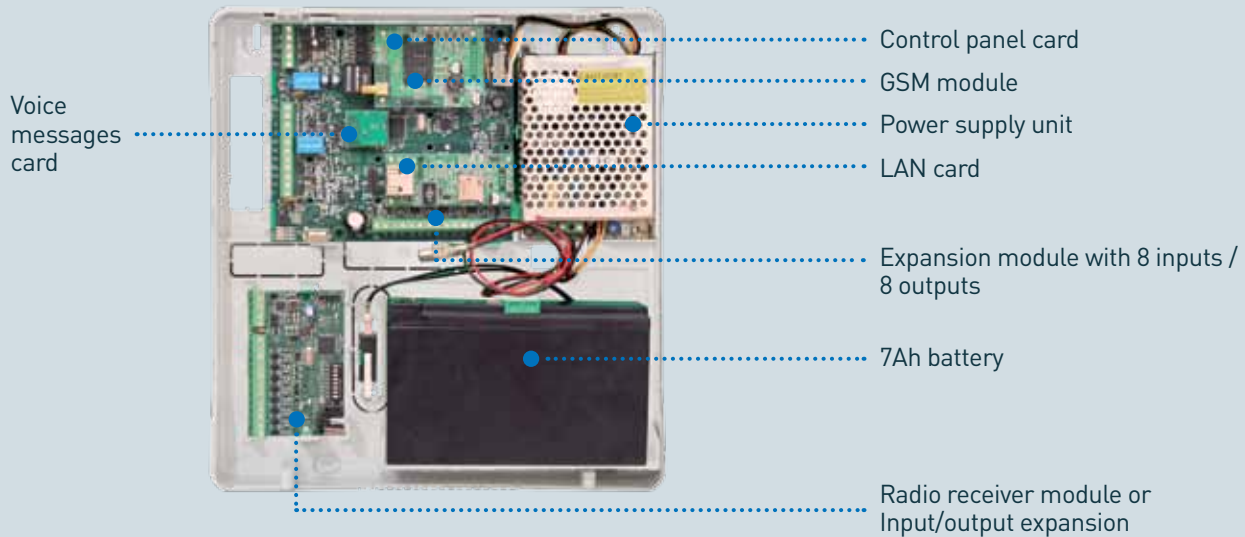
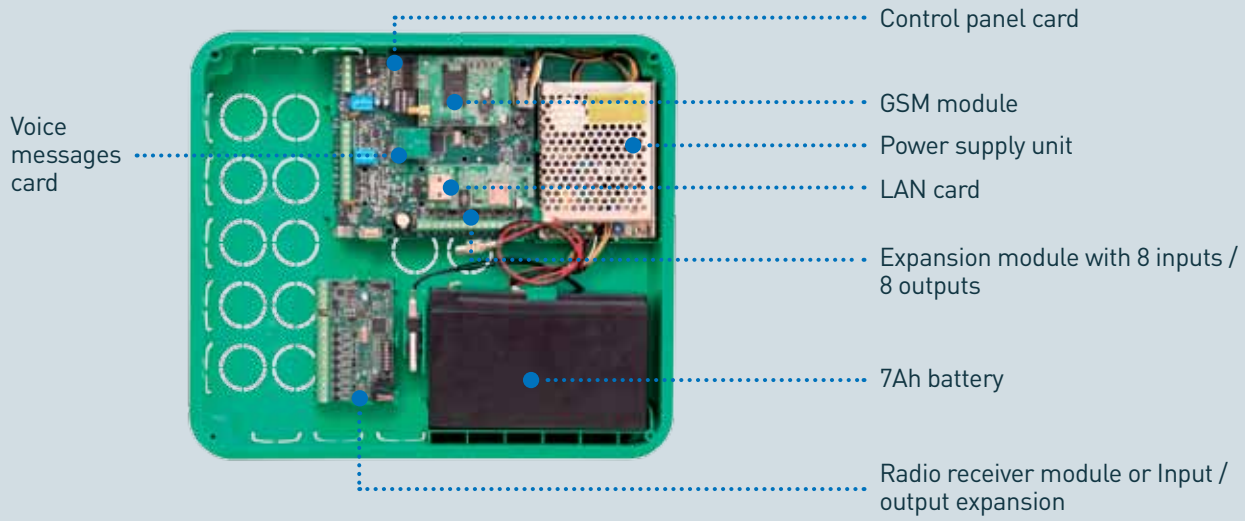
PLASTIC SURFACE-MOUNTED HOUSING



METAL SURFACE-MOUNTED HOUSING



MAXIMUM SIZING OF HOUSINGS





THE STRENGTHS OF COMELIT CONTROL PANELS

.01 Video Alarm Verification;
• MMS - You can view the alarm event immediately by receiving images of the alarm episode via MMS, thus giving you a clear indication of what is happening.

• Video Alarm Memory - When you consult the events log, as well as obtaining the traditional information such as date, time, zone, etc, you get images of the alarm episode, so that you can check what has happened. The video images are saved on the revolutionary SafeTouch. These functions do not require a video recorder but are managed directly by the anti-intrusion devices.

.02 DOUBLE function: doubles the number of inputs, 2 zones per input, each individually recognised.

.03 Free IN/OUT function: possibility of connecting either a siren or a sensor to the same terminal.

.04 RADIO system; a comprehensive range of accessories, integrated with the control panel and capable of meeting the installation requirements of locations where wiring is not an option.



Powerful, flexible and constantly vigilant.

The VEDO series comprises 5 solutions designed to meet every need.

Their strength is based on an extremely robust structure, combined with ease of programming and use.

- .05** Connectivity: SMS, voice messages, web interface, voice control and MMS
- .06** Total integration with all Comelit systems (home automation, CCTV, video door entry systems)
- .07** Universal, NC, NA, single, double and triple balance and double input connection. Input management in AND mode
- .08** Quick setting of audio messages by means of text-to-speech: simplifies message recording on the audio module - compose messages simply by editing them from a computer.
- .09** The direct connection of inertial sensors and cable sensors for roller shutters simplifies wiring and saves the installer the task of buying and installing additional analysis cards.
- .10** Safe Manager Software
- .11** Time-based programming: the flexibility of the control panel allows management by a time-based programmer, for activation/deactivation, users and outputs.
- .12** EN50131: made in compliance with European standards



WITH COMELIT'S NEW VEDO® CONTROL PANELS, YOU CAN GO AWAY WITHOUT BEING AWAY.

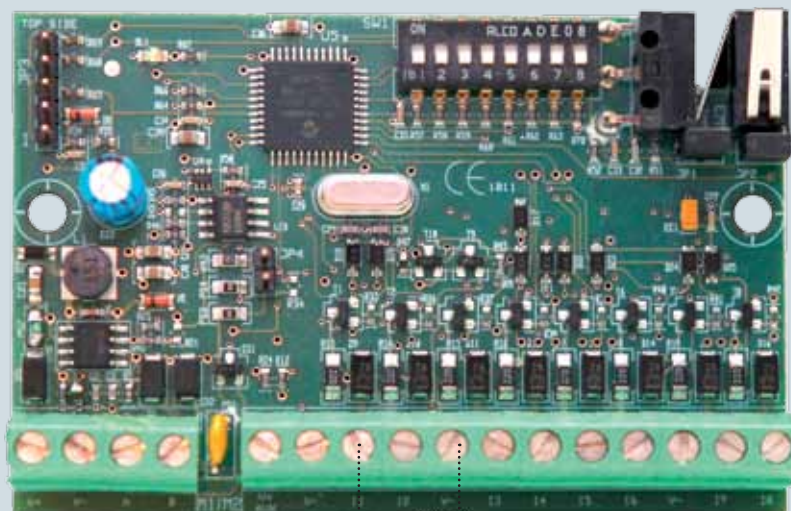


An internet-independent system capable of sending MMSs in response to alarms via the GSM interface for the purpose of alarm checking (Video Verification MMS). You can obtain a snapshot of the alarm situation directly from the control panel, so that you can take the necessary steps.

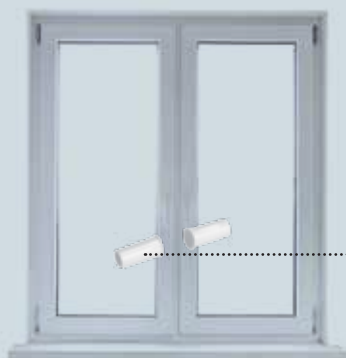




← → DOUBLE

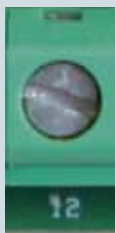
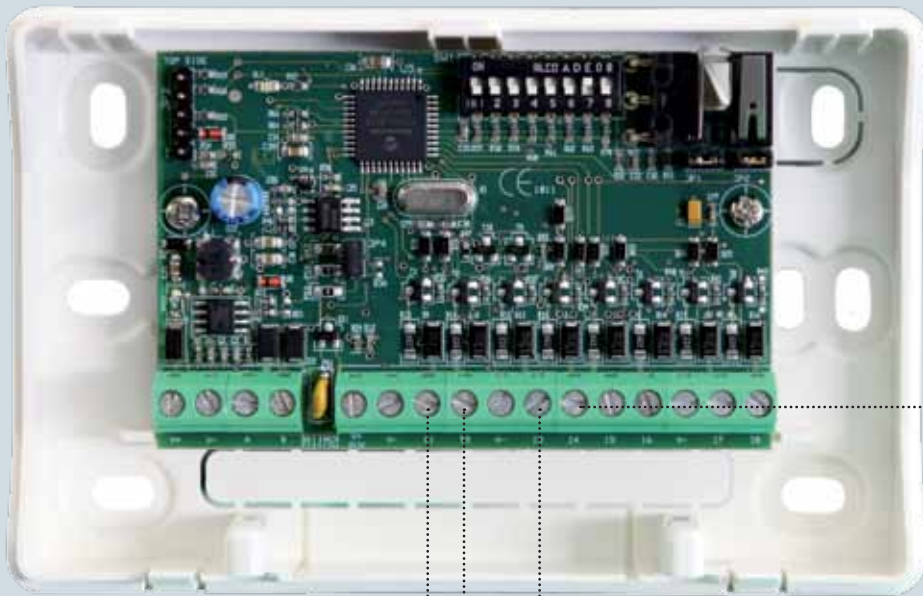


FROM 8 INPUTS
TO 16 INPUTS



DOUBLE FUNCTION: DOUBLES THE INPUTS

- Thanks to double balance, one control panel input can recognise two distinct zones
- Ease of installation and optimisation of expansions
- Two zones connected to the same input, but manageable separately



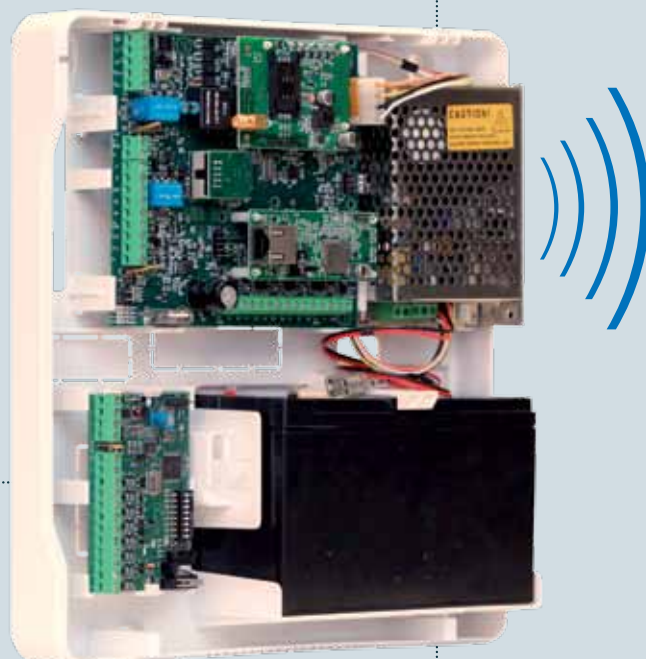
FREE IN/OUT FUNCTION

Each input of the 8I/8O expansion can be freely programmed as an alarm input or as an output. The number of inputs that can be connected to the control panel does not change if you add outputs.



COMELIT CONTROL PANELS: THE RADIO COMPONENTS

The control panel also cohabits happily with full radio detection systems: using an interface that connects to the control panel bus (and which can be fitted in the control panel housing) you can connect radio volumetric sensors, radio contacts and both indoor and outdoor sirens. The battery life of the radio devices is guaranteed for over 5 years in normal conditions of use! The radio devices have on-board memory and are bidirectional, so they communicate with the control panel and operate on a frequency of 868 MHz, but on narrow band and with digital transmission: this yields top quality and reliability, with a transmission range of 500 metres unobstructed.



BIDIRECTIONAL RF SYSTEM

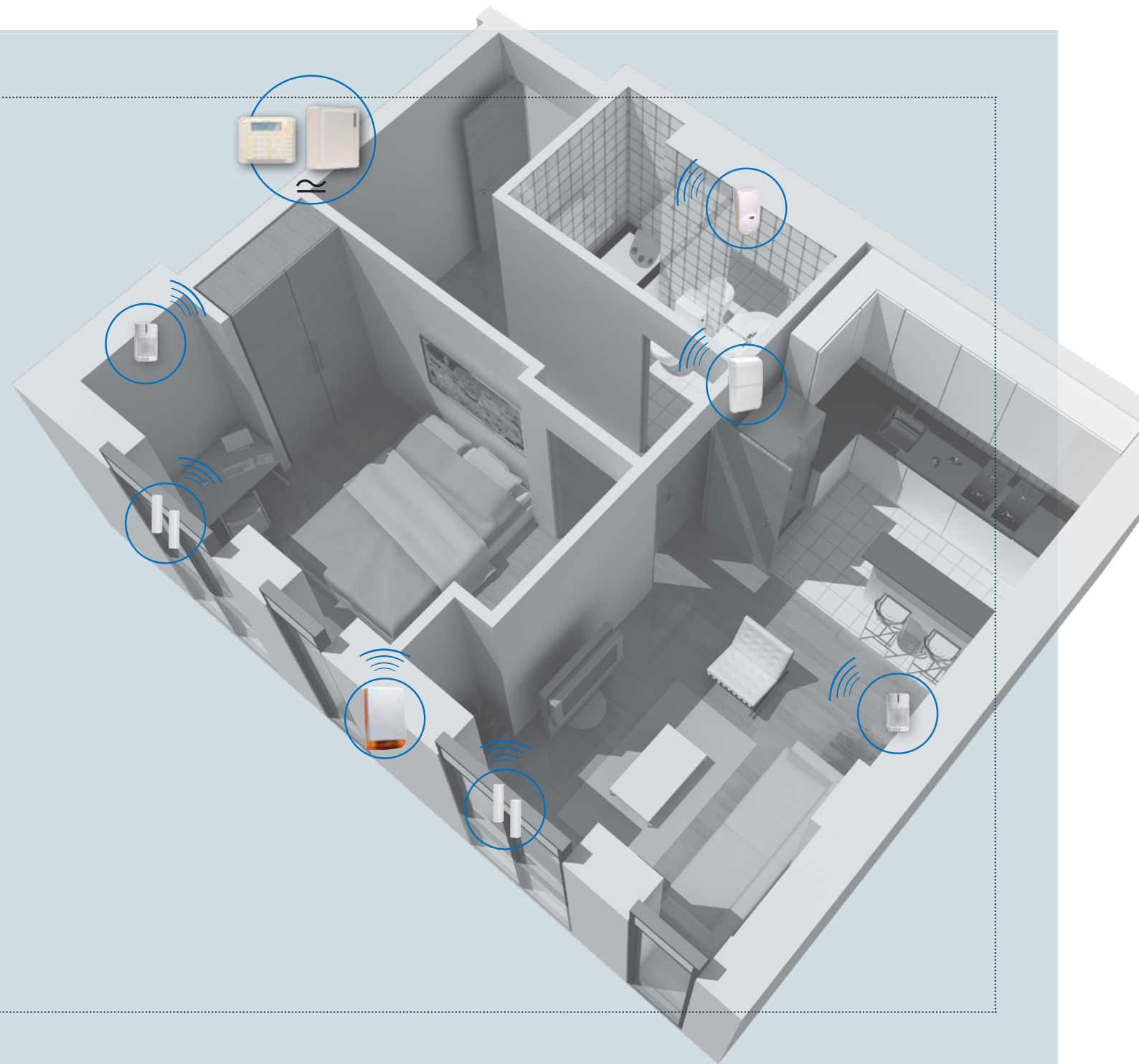
The Comelit radio system is a secure, reliable system, and its bidirectional transmission means that you can check that the event has been received correctly (Smart Message Control). Parameter programming from keypad.

HIGH SECURITY

Encrypted, supervised transmission system, with unique 24-bit identification, designed to acquire a specific address and to respond to that address only.

868MHZ RADIO SYSTEM

Frequency reserved for security. 3V lithium battery. Extended range of up to 500m unobstructed.

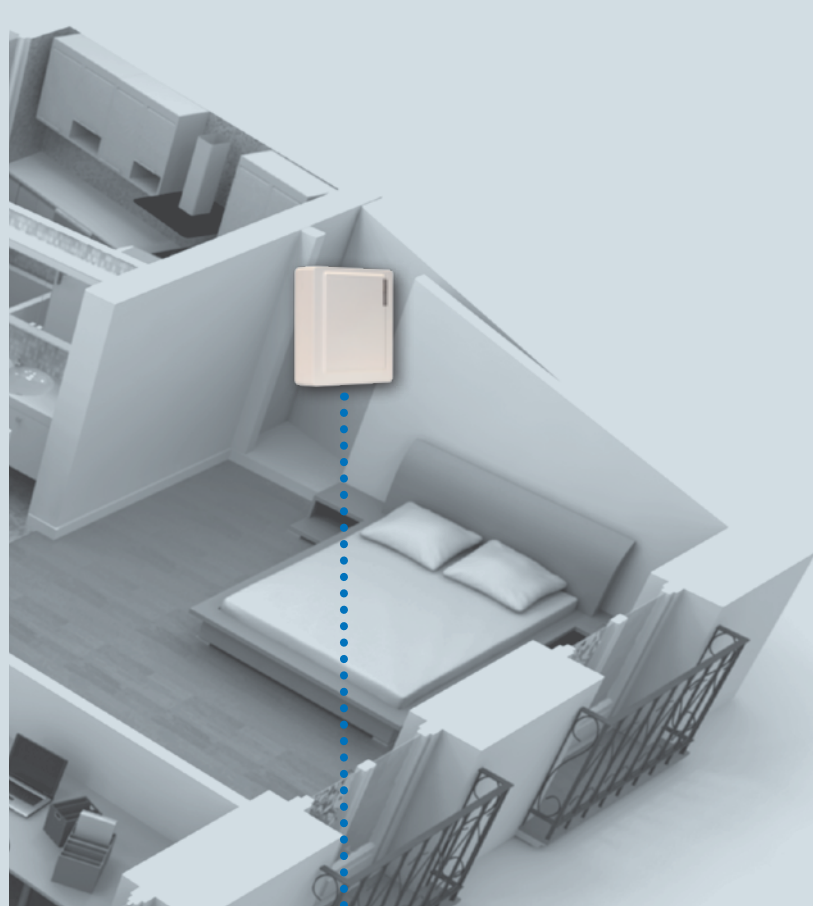


RADIO CONTROL WITH FEEDBACK

Radio control with illuminating feedback



VEDO CONTROL PANELS: REMOTE CONTROL AND MONITORING



Comelit anti-intrusion systems make use of technologies capable of offering a full repertoire of possibilities for system management from a remote location. All pathways originate from the monitoring control panel and create a flexible, bidirectional communication network that is easy to programme and modify, and can be implemented according to new requirements or to the users connected.

→ .01



WEB BROWSER

Web interface for controlling/monitoring the alarm control panel from any point in the network, mobile, tablet or PC.

→ .02



ALARM MMS/SMS/EMAIL

By means of the GSM module, the control panel is capable of sending alarm or diagnostic SMSs or receiving SMS commands from authorised users for remote monitoring of the system. Every control panel event can be sent and identified individually.

→ .03



VOICE CONTROL

Thanks to the voice control module, you can call the control panel directly on a telephone line and be guided by a voice menu as you interact with the control panel, so that you can receive information and send commands

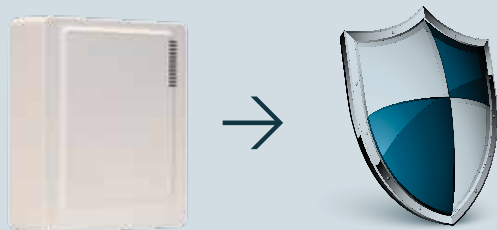
→ .04



VOICE TELEPHONE DIALLER

Thanks to the voice message module and the Text-to-speech protocol, it is simple to edit messages that will be transmitted during alarm or fault events. Simply edit the message from any PC to auto-generate the audio message.

→ .05

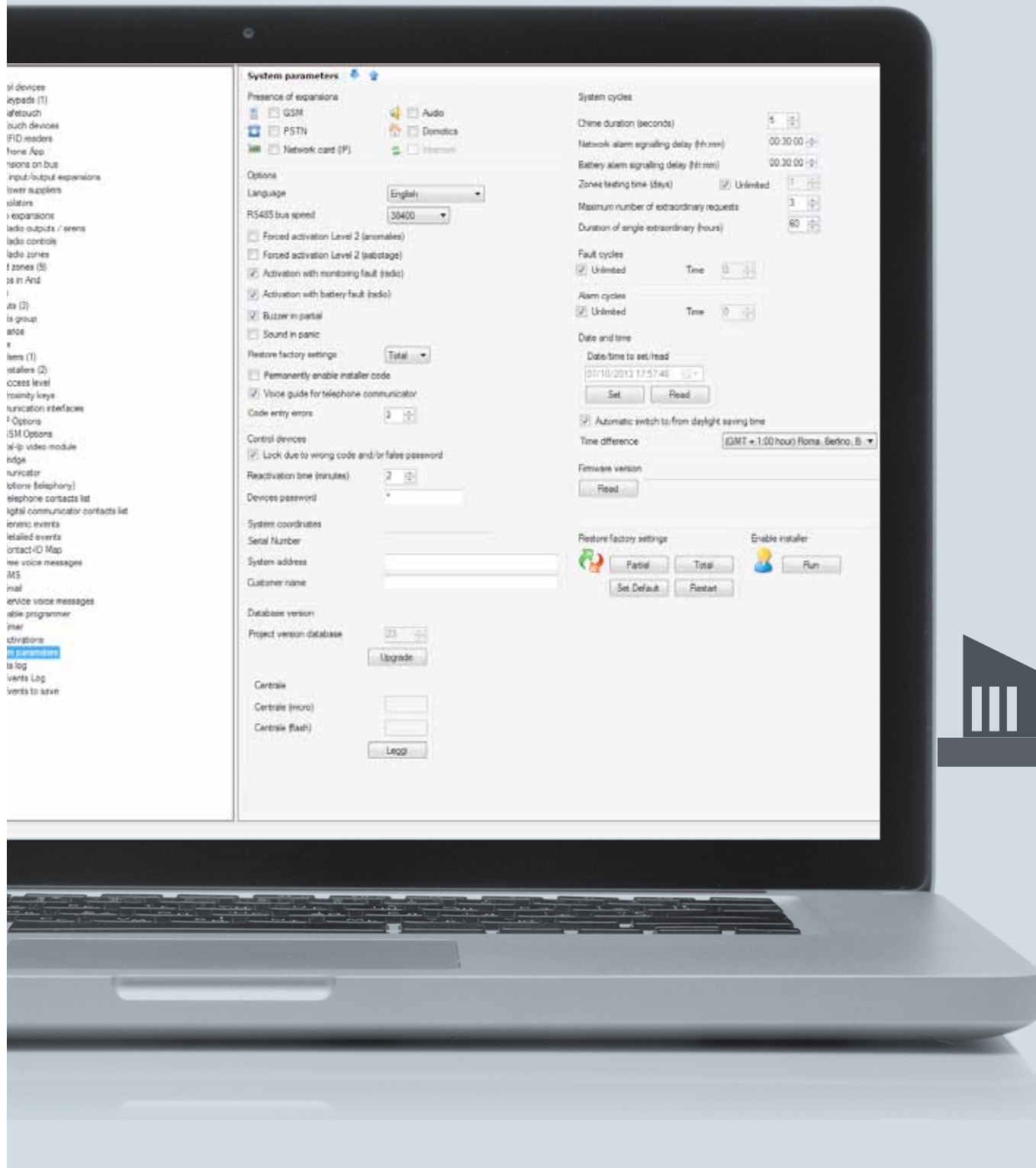


DIGITAL TELEPHONE DIALLER

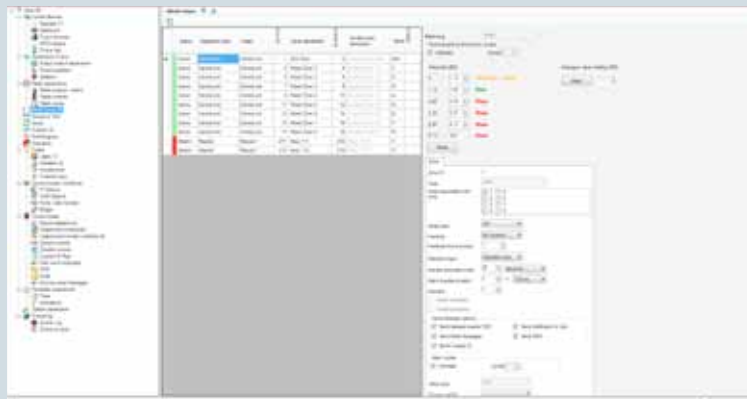
The control panel's built-in digital dialler is capable of transmitting, with Contact ID protocol, any type of message or alert to support centres that use digital receivers with digital protocol.

SAFE MANAGER

MANAGEMENT AND PROGRAMMING SOFTWARE



CONNECTION TO CONTROL
PANEL VIA **USB** PORT OR **TCP/
IP** MODULE



Comelit has developed its own, specific management and programming software for its anti-intrusion systems, which allows constant monitoring of the efficiency of each device and the functionality of the connected ICT devices.

- Easy system programming
- Programming memory download
- Complete, real-time control panel monitoring

KEYPADS

SECURITY SYSTEM





ELEGANT, EASY TO READ, USER-FRIENDLY.

Developed on the back of Comelit's experience in video door entry and home automation systems, Comelit keypads combine unrivalled user-friendliness with technological contents on a par with those of the most powerful and versatile computers. Comelit keypads put the vast potential of

anti-intrusion systems at your disposal in the most accessible form, thanks in particular to the use of graphic icons in place of traditional number keys. Their design enhances every type of environment, with the elegance of a technology that combines function with form.

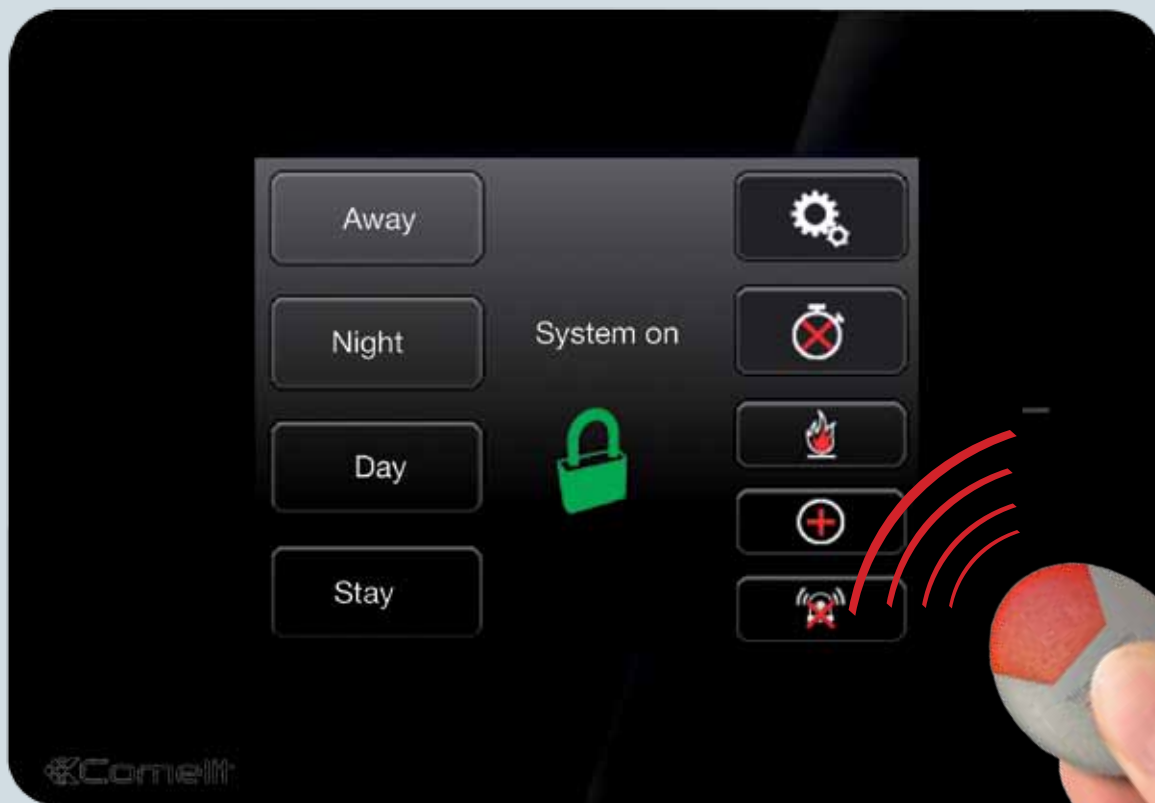
INTEGRATED SYSTEM



MANAGING A SOPHISTICATED ALARM SYSTEM HAS NEVER BEEN SO SIMPLE!

SafeTouch is a graphically attractive, innovative tool derived from in-depth aesthetic and ergonomic research aimed at making it usable and customisable according to the needs of the user.

The user can customise the commands page for increased simplicity and usability.



MAGIC LIGHT INDICATOR
The yellow light indicates a fault and the red one an alarm.

VIDEOVERIFICATION



Retrieving alarm-associated images from the events log is simplicity itself, and enables you to visually check what has actually happened. The images are saved directly to the SafeTouch - a function which is independent and managed directly by the alarm system.



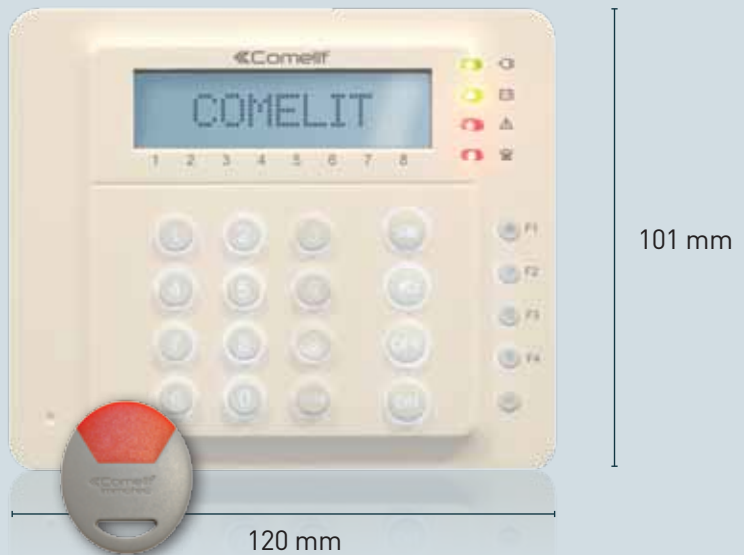
UNIVERSAL PROXIMITY READER

Adaptable to any residential/commercial series, the proximity activator on bus allows full management of the security system using the standard Keystone RJ45 wall plate.



SAFEKEY WITH AND WITHOUT PROXIMITY READER

Small and elegant, the SafeKey keypad offers outstanding readability and ergonomics. Available in two versions: with or without RFID reader. The SafeKey keypads offer the possibility of connecting two freely programmable inputs.



SAFETOUCH

SafeTouch is Comelit's full-touch keypad with advanced Video Verification functions. Allows full control of the alarm control panel. Commands, memory consultation, code creation, complete programming menu. SafeTouch has 3 freely programmable inputs on-board and one relay output, complete with proximity reader.



SUPERVISOR MINITOUCH

The device combines control functions for both anti-intrusion and home automation systems, all in a compact unit with an easy-to-use touch-screen.

85 mm



125 mm

DOOR ENTRY MONITOR AND SUPERVISOR PLANUX MANAGER

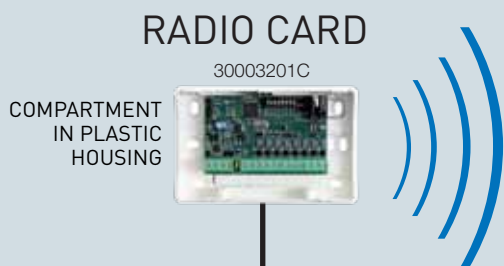
Three devices integrated into a single supervisor: anti-intrusion system management, home automation control panel and colour door entry monitor. A masterpiece of design and elegance, with the practicality of having everything immediately under control.

145 mm



145 mm

COMELIT ANTI-INTRUSION DIAGRAM:



RS485



CONTROL UNIT

+

VOICE CARD



30001303

+

GSM CARD



30001301

plugs into control panel

+

IP CARD

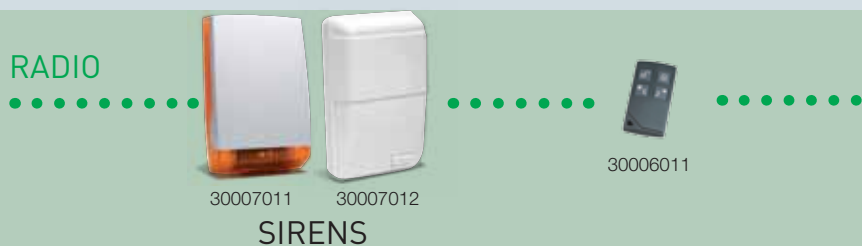


30002401

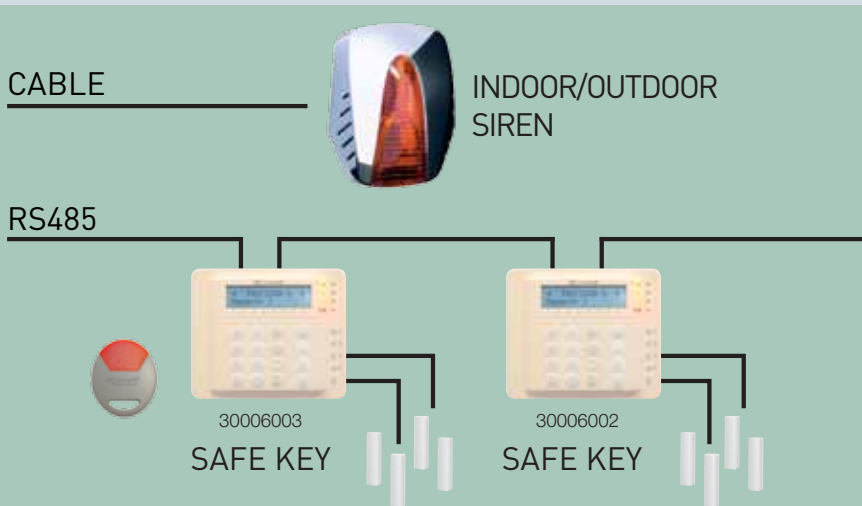
plugs into control panel

USB / TCP / IP

RADIO



CABLE



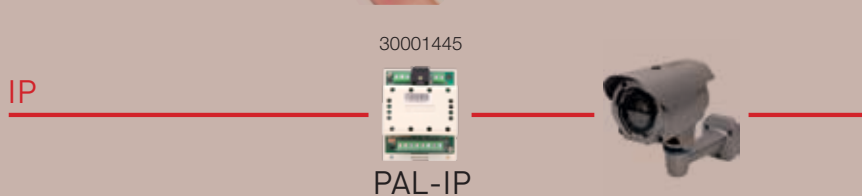
PSTN



GSM



IP





30022611

SAFE MANAGER
PC PROGRAMMING

PROGRAMMING



30008021



30004010C



30004011C

SENSORS



30004019

CABLE SENSOR FOR
ROLLER SHUTTER

CONNECTIONS



30006001

SAFE TOUCH



30006104

RFID
ACTIVATOR



30003101

81/80
EXPANSION



VOICE CONTROL



SECURITY
CONTRACTOR

REMOTE
CONTROL AND
MONITORING



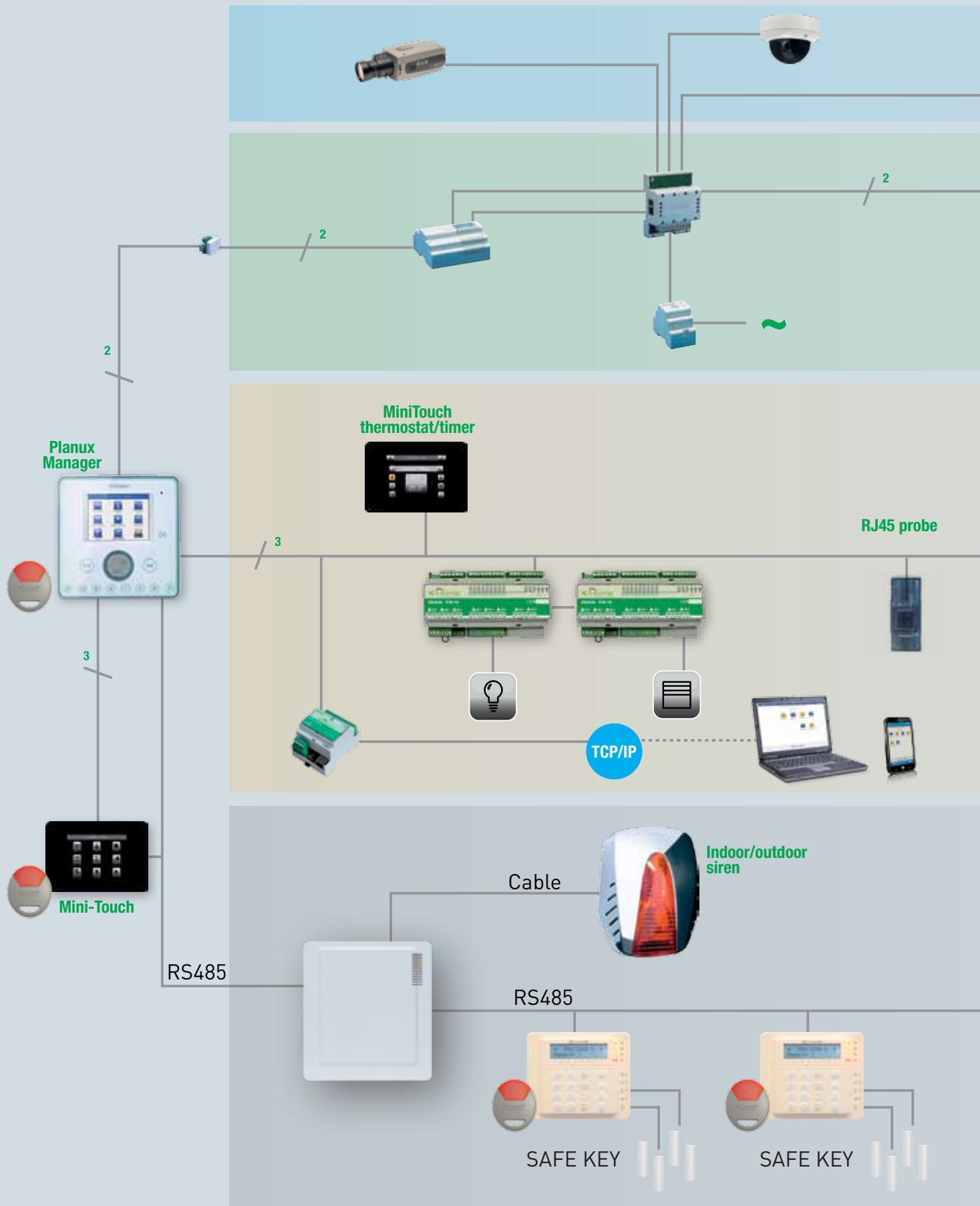
VOICE DIALLER



VOICE CONTROL

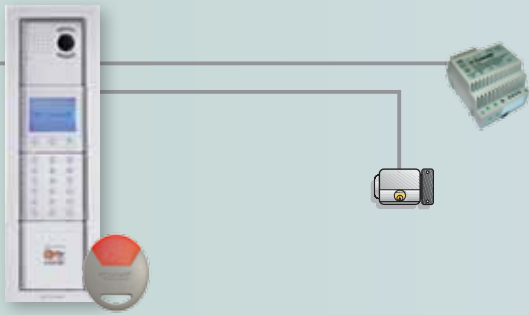


INTEGRATION DIAGRAM COMELIT SYSTEMS

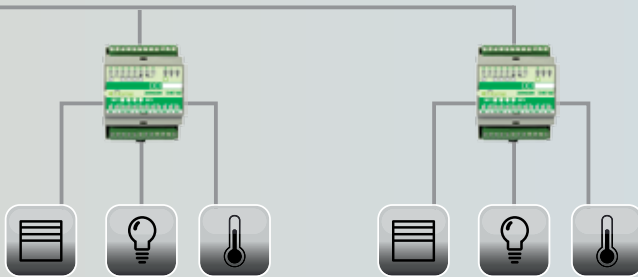




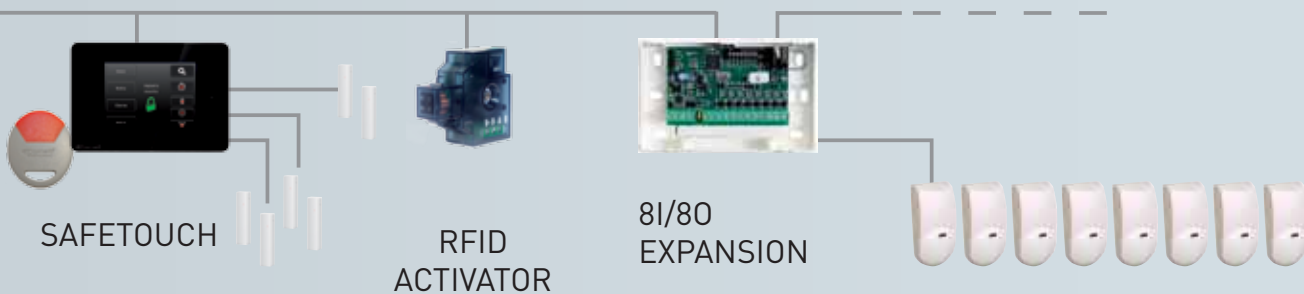
CCTV



VIDEO ENTRY



HOME AUTOMATION



ANTI-INTRUSION

SAFETOUCH

RFID
ACTIVATOR

81/80
EXPANSION



VEDO CONTROL PANELS

30001008EN



VEDO 10 CONTROL PANEL, PLASTIC BOX, 1.5A POWER SUPPLY UNIT

VEDO control panel in wall-mounted, flame-resistant, ABS housing with 1.5A switching power supply unit. Equipped with 8 on-board zones, expandable to 18 (2 keypad zones and 8 radio zones), 1 24-hour zone, integrated PSTN telephone dialler, RS485 serial bus for the connection of additional modules, 1 relay output and 2 open collector outputs. Manages up to 2 areas with 2 different activation programmes (scenarios) and daily timers, 2 proximity readers, 2 Safekey keypads, 1 Safetouch, 1 Planux/Minitouch manager and 1 radio receiver. Self-resettable fuse for the siren power supply output, RS485 serial bus and sensor power supply. Equipped with USB port for connection to the PC with Safe Manager configuration software. All zones are configurable as NC, NO, single, double and triple balance. Dimensions (LxHxD) 260x280x80mm.

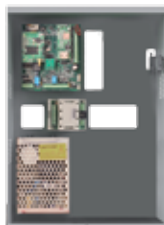
30001034EN



VEDO 34 CONTROL PANEL, PLASTIC BOX, 1.5A POWER SUPPLY UNIT

VEDO control panel in wall-mounted, flame-resistant, ABS housing with 1.5A switching power supply unit. Equipped with 8 on-board zones, expandable to 34 mixed wired/radio zones, 1 24-hour zone, double function for a maximum of 68 zones, integrated PSTN telephone dialler, RS485 serial bus for the connection of additional modules, 1 relay output and 2 open collector outputs. Manages up to 8 areas with 8 different activation programmes (scenarios) and daily timers, 8 IN/OUT expansions, 8 proximity readers, 8 Safekey keypads, 2 Safetouch, 2 Planux/Minitouch manager and 2 radio receivers. Self-resettable fuse for the siren power supply output, RS485 serial bus and sensor power supply. Equipped with USB port for connection to the PC with Safe Manager configuration software. All zones are configurable as NC, NO, single, double and triple balance and as double zone. Dimensions (LxHxD) 260x280x80mm.

30001034MEN



VEDO 34 CONTROL PANEL, METAL BOX, 1.5A POWER SUPPLY UNIT

VEDO alarm control panel in wall-mounted, metal housing with 1.5A switching power supply unit. Equipped with 8 on-board zones, expandable to 34 mixed wired/radio zones, 1 24-hour zone, double function for a maximum of 68 zones, integrated PSTN telephone dialler, RS485 serial bus for the connection of additional modules, 1 relay output and 2 open collector outputs. Manages up to 8 areas with 8 different activation programmes (scenarios) and daily timers, 8 IN/OUT expansions, 8 proximity readers, 8 Safekey keypads, 2 Safetouch, 2 Planux/Minitouch manager and 2 radio receivers. Self-resettable fuse for the siren power supply output, RS485 serial bus and sensor power supply. Equipped with USB port for connection to the PC with Safe Manager configuration software. All zones are configurable as NC, NO, single, double and triple balance and as double zone. Dimensions (LxHxD) 440x315x95 mm.

30001068EN



VEDO 68 CONTROL PANEL, PLASTIC BOX, 1.5A POWER SUPPLY UNIT

VEDO control panel in wall-mounted, flame-resistant, ABS housing with 1.5A switching power supply unit. Equipped with 8 on-board zones, expandable to 68 mixed wired/radio zones, 1 24-hour zone, double function for a maximum of 136 zones, integrated PSTN telephone dialler, RS485 serial bus for the connection of additional modules, 1 relay output and 2 open collector outputs. Manages up to 8 areas with 16 different activation programmes (scenarios) and daily timers, 12 IN/OUT expansions, 8 proximity readers, 8 Safekey keypads, 4 Safetouch, 4 Planux/Minitouch manager and 3 radio receivers. Self-resettable fuse for the siren power supply output, RS485 serial bus and sensor power supply. Equipped with USB port for connection to the PC with Safe Manager configuration software. All zones are configurable as NC, NO, single, double and triple balance and as double zone. Dimensions (LxHxD) 260x280x80mm.

30001068MEN

**VEDO 68 CONTROL PANEL, METAL BOX, 3A POWER SUPPLY UNIT**

VEDO alarm control panel in wall-mounted, metal housing with 3A switching power supply unit. Equipped with 8 on-board zones, expandable to 68 mixed wired/radio zones, 1 24-hour zone, double function for a maximum of 136 zones, integrated PSTN telephone dialler, RS485 serial bus for the connection of additional modules, 1 relay output and 2 open collector outputs. Manages up to 8 areas with 16 different activation programmes (scenarios) and daily timers, 12 IN/OUT expansions, 8 proximity readers, 8 Safekey keypads, 4 Safetouch, 4 Planux/Minitouch manager and 3 radio receivers. Self-resettable fuse for the siren power supply output, RS485 serial bus and sensor power supply. Equipped with USB port for connection to the PC with Safe Manager configuration software. All zones are configurable as NC, NO, single, double and triple balance and as double zone. Dimensions (LxHxD) 440x315x95mm.

KEYPADS AND ACTIVATORS

30006001

**SAFETOUGH KEYPAD W/ RFID READER FOR VEDO SERIES CONTROL PANELS**

SAFETOUGH touch-screen keypad with 3.5" LCD screen and integrated proximity reader for the management and programming of VEDO alarm control panels, equipped with 3 inputs, freely programmable as NC, NO, single, double and triple balance and as double or as outputs, and with 1 relay output. Manages video verification of the alarm by displaying up to 4 images from the associated cameras. Can be fitted in a standard 3-module wall box for residential series. Dimensions: 125x85mm. Protrusion from wall: 10mm. Consumption: 2W.

30006002

**SAFEKEY KEYPAD FOR VEDO SERIES CONTROL PANELS**

SAFEKEY keypad with alphanumeric LCD screen for the management and programming of VEDO alarm control panels. Equipped with 4 indicator LEDs (mains power ON, battery discharged, anomaly and alarm), 2 inputs freely programmable as NC, NO, single, double and triple balance and as double, 4 configurable function keys, anti-tamper and anti-tear device. Colour: RAL9003 white.

30006003

**SAFEKEY KEYPAD W/ RFID READER FOR VEDO SERIES CONTROL PANELS**

SAFEKEY keypad with alphanumeric LCD screen for the management and programming of VEDO alarm control panels with integrated proximity reader. Equipped with 4 indicator LEDs (mains power ON, battery discharged, anomaly and alarm), 2 inputs freely programmable as NC, NO, single, double and triple balance and as double, 4 configurable function keys, anti-tamper and anti-tear device. Colour: RAL9003 white

30006104

**PROXIMITY READER FOR VEDO SERIES CONTROL PANELS**

Proximity reader for VEDO alarm control panels, connectable to BUS. Equipped with LED indicator in 4 colours (red, green, yellow and blue) for indicating system status. For use in conjunction with articles SK9050. , can be fitted to all residential series using the Standard Keystone RJ45 wall plate.

SK9050 STANDARD CARD KEY FOBS (VARIOUS COLOURS)



Proximity key in a range of colours.

SK9050B/A BLUE

SK9050Y/A YELLOW

SK9050O/A ORANGE

SK9050R/A RED

SK9050G/A GREEN

SK9050GB/A GREY - BLUE

SK9050GY/A GREY - YELLOW

SK9050GO/A GREY - ORANGE

SK9050GR/A GREY - RED

SK9050GG/A GREY - GREEN

INTEGRATION-SUPERVISORS

20034607 3.5" MINITOUCH SIMPLEHOME SUPERVISOR



3.5" MiniTouch with supervisor function. To be connected to the SimpleHome BUS for management of automation systems controlling lights, loads, shutters, climate, scenarios and irrigation, and to the SimpleSafe system for display and control of the anti-intrusion system. Built-in temperature sensor, 1 switching relay output, 3 transistor outputs to control a 3-speed fan-coil. Built-in RFID reader for activation of scenarios using transponder art. SK9050. Variable backlighting according to the status of the system climate areas, according to the anti-intrusion system status or with an adjustable colour steplights function. Can be fitted in a standard 3-module wall box for residential series. Dimensions: 125x85mm. Protrusion from wall: 10mm. Consumption: 2W. Colour: Black.

20034801B PLANUX MANAGER 3.5" TOUCH SCREEN SUPERVISOR, BLACK



Planux Manager 3.5" touch screen with integrated SimpleBus TOP video entry function. Colour monitor with 3.5" touch screen. Full-duplex video entry function, audio adjustment, customisable chimes. To be connected to the SimpleHome BUS for management of automation systems such as lights, loads, shutters, climate control, scenarios and irrigation, and to the SimpleSafe system for display and control of the anti-intrusion system. Bracket 6214C not included. Colour: black. Dimensions: 145x145mm. Protrusion when flush-mounted: 8mm. Consumption: 3W.

20034801W PLANUX MANAGER 3.5" TOUCH SCREEN - WHITE SUPERVISOR



Planux Manager 3.5" touch screen with integrated SimpleBus TOP video entry function. Colour monitor with 3.5" touch screen. Full-duplex video entry function, audio adjustment, customisable chimes. To be connected to the SimpleHome BUS for management of automation systems such as lights, loads, shutters, climate control, scenarios and irrigation, and to the SimpleSafe system for display and control of the anti-intrusion system. Bracket 6214C not included. Colour: white. Dimensions: 145x145 mm. Protrusion from the wall when used with flush-mounted box: 8 mm. Consumption: 3W.

6214C SIMPLEBUS COLOR BRACKET FOR PLANUX MEMO AND PLANUX MANAGER



Bracket for Simplebus Color system, required for the Planux Memovideo or Planux Manager monitors. Manages door call function and call repetition as standard. Dimensions: 96x106x17mm. Fitted with branch terminal art. 1214/2C1214/2C.

PERIPHERALS AND EXPANSIONS



30003101 **MODULE WITH 8 INPUTS / 8 LOGIC OUTPUTS, PLASTIC HOUSING**

Expansion for VEDO control panels, 8 inputs, freely configurable as NC, NO, single, double and triple balance and as double, or open collector outputs (100mA max). Housed in a RAL9003 white, flame-resistant, plastic housing complete with anti-opening and anti-tear tamper, which can be disabled. Can also be housed in housings art. 30002501, 30002502 and 30002503. Dimensions (LxHxD)126 x 80 x 32 mm.



30001303 **PLUG-IN GSM VOICE MESSAGE CARD FOR VEDO SERIES CONTROL PANELS**

Plug-in voice message expansion card for VEDO control panels. Adds voice control for remote control panel management and audio messaging functions (alarm and technical messages).



30001301 **PLUG-IN GSM DIALLER CARD FOR VEDO SERIES CONTROL PANELS**

Plug-in GSM dialler expansion card for VEDO control panels. Allows transmission of telephone calls, SMS, MMS and e-mail over the data network. Combined with voice message card art. 30001303, allows remote management of the control panel by SMS and voice dialler.



30003105 **ISOLATOR MODULE ON BUS, PLASTIC HOUSING**

Isolator module on bus, VEDO control panels. Protects against faults and sabotage.



30002401 **PLUG-IN IP COMMUNICATION CARD FOR VEDO SERIES CONTROL PANELS**

Expansion card for communication over plug-in ethernet network for VEDO control panels. Thanks to the integrated web server, it allows remote interaction with the control panel (activation, deactivation, area monitoring and system configuration), management of video images (combined with card art. 30001445) and updating of the firmware of the control panel, keypads, proximity readers and input/output modules.



30001445 **PAL/IP IMAGE CONVERSION MODULE, PLASTIC HOUSING**

A module for the modulation and transmission of the video signal from up to 4 cameras for VEDO control panels. For use in conjunction with art. 30002401 Dimensions: 60x85x35mm (4 DIN modules).

RADIO



30003201C RADIO TRANSCEIVER MODULE, PLASTIC HOUSING V.2

Radio transceiver module for VEDO control panels. Allows the use of up to 32 sensors, 8 sirens and 32 radio remote controls. Manages bidirectional communication with FSK modulation at 868 MHz, and monitoring of radio module status and battery level. Housed in a RAL9003 white, flame-resistant, plastic housing complete with anti-opening and anti-tear tamperers, which can be disabled. Can also be housed in housings art. 30002501, 30002502 and 30002503. Dimensions (LxHxD) 126x80x32 mm.



30004010C MAGNETIC CONTACT SENSOR WITH RADIO TRANSCEIVER V.2

Magnetic contact sensor with radio frequency (RF) transceiver, colour WHITE. Bidirectional wireless transmission, advanced security RF protocol, transmission frequency 868.35 MHz, 868.85 MHz, "monitoring", "tamper open/closed" and "contact open/closed" transmission, battery status indicated at each transmission, range up to 500m in open spaces, unique identification code (ID), front and rear tamper, alarm activation by means of internal reed contact and/or wired contact, wired contact with 8.2k Ohm end-of-line resistor, low energy consumption technology, power supply from single 3V lithium battery. Dimensions (LxHxD) 97x22x21 mm, weight 40g.



30004011C MAGNETIC CONTACT SENSOR WITH RADIO TRANSCEIVER V.2

Magnetic contact sensor with radio frequency (RF) transceiver, colour BROWN. Bidirectional wireless transmission, advanced security RF protocol, transmission frequency 868.35 MHz, 868.85 MHz, "monitoring", "tamper open/closed" and "contact open/closed" transmission, battery status indicated at each transmission, range up to 500 m in open spaces, unique identification code (ID), front and rear tamper, alarm activation by means of internal reed contact and/or wired contact, wired contact with 8.2k Ohm end-of-line resistor, low energy consumption technology, power supply from single 3V lithium battery. Dimensions (LxHxD) 97x22x21mm, weight 40g.



30004001C INFRARED VOLUMETRIC RADIO SENSOR WITH PET IMMUNITY V.2

Volumetric radio sensor with PIR. Bidirectional wireless transmission, advanced security RF protocol, transmission frequency 868.35 MHz, 868.85 MHz, "contact open/closed", "tamper open/closed" and "supervision" transmission, battery status indicated at each transmission, range up to 500m in open spaces, two-colour LED indicators for monitoring, pet immunity up to 15/25 kg (at 8 metres), unique identification code (ID), front and rear tamper, low energy consumption technology, power supply from single 3V lithium battery. Dimensions (LxHxD) 123x62x38mm, weight 120g.



30008002 CURTAIN LENSES KIT FOR SENSORS

Kit comprising a Fresnel lens and plastic frame to fit to the inside of the sensors for a long-range curtain effect. Coverage 20x2m. Compatible with art. 30004001, 30008010, 30008011, 30008012, 30008013, 30008014, 30008020, 30008021



30007012C INDOOR RADIO SIREN V.2

Bidirectional, full-radio indoor siren. Radio-controllable by the anti-intrusion bus system, in addition to the conventional functions, it is also capable of sending supervision, battery low and tamper alarm statuses; powered by 12V DC and/or 3.6V / 1Ah lithium battery. Colour: white. Dimensions (LxHxD) 100x155x48mm, weight 1.2kg.

**30007011C OUTDOOR RADIO SIREN V.2**

Bidirectional, full-radio outdoor siren. Radio-controllable by the anti-intrusion bus system, in addition to the conventional functions, it is also capable of sending monitoring, battery low and tamper alarm statuses; IP43 protection rating, powered by 12V DC and/or 3.6V / 1Ah lithium battery. Colour: white. Dimensions (LxHxD) 205x310x75mm, weight 1.2kg.

**30006011C FOUR-CHANNEL RADIO REMOTE CONTROL V.2**

4-key radio transmitter remote control for transmission to the anti-intrusion bus of 4 separate commands from among possible configurable commands.

**30004019 WIRE INPUT SENSOR FOR SHUTTERS WITH ANALYSIS SYSTEM**

Wired sensor for roller shutters with system for analysing the signal originating from two contacts inside the sensor. Connection with 4-conductor cable (power supply and alarm contact). Also usable with wireless transmitters art. 30004010 and 30004011. NC contact in stand-by and NO in alarm. Supply voltage 2.8-13.8V DC.

SAFE MANAGER

**30022611 SAFE MANAGER PROGRAMMING SOFTWARE**

Configuration software for Windows (XP sp.3, Vista and 7). Allows complete programming of VEDO alarm control panels, respective expansions and accessories and remote updating of device firmware.

REPLACEMENT PARTS AND ACCESSORIES

30001208 VEDO 10 CONTROL PANEL CARD



VEDO alarm control panel card. Equipped with 8 on-board zones, expandable to 18 (2 keypad zones and 8 radio zones), 1 24-hour zone, integrated PSTN telephone dialler, RS485 serial bus for the connection of additional modules, 1 relay output and 2 open collector outputs. Manages up to 2 areas with 2 different activation programmers (scenarios) and daily timers. Self-resettable fuse for the siren power supply output, RS485 serial bus and sensor power supply. Equipped with USB port for connection to the PC with Safe Manager configuration software. All zones are configurable as NC, NO, single, double and triple balance.

30001234 VEDO 34 CONTROL PANEL CARD



VEDO alarm control panel card. Equipped with 8 on-board zones, expandable to 34 mixed wired/radio zones, 1 24-hour zone, double function for a maximum of 68 zones, integrated PSTN telephone dialler, RS485 serial bus for the connection of additional modules, 1 relay output and 2 open collector outputs. Manages up to 8 areas with 8 different activation programmers (scenarios) and daily timers. Self-resettable fuse for the siren power supply output, RS485 serial bus and sensor power supply. Equipped with USB port for connection to the PC with Safe Manager configuration software. All zones are configurable as NC, NO, single, double and triple balance and as double zone.

30001268 VEDO 68 CONTROL PANEL CARD



VEDO alarm control panel card. Equipped with 8 on-board zones, expandable to 68 mixed wired/radio zones, 1 24-hour zone, double function for a maximum of 136 zones, integrated PSTN telephone dialler, RS485 serial bus for the connection of additional modules, 1 relay output and 2 open collector outputs. Manages up to 8 areas with 16 different activation programmers (scenarios) and daily timers. Self-resettable fuse for the siren power supply output, RS485 serial bus and sensor power supply. Equipped with USB port for connection to the PC with Safe Manager configuration software. All zones are configurable as NC, NO, single, double and triple balance and as double zone.

30002501 WALL-MOUNTED PLASTIC HOUSING FOR VEDO CONTROL PANELS



Wall-mounted housing in flame-resistant ABS for VEDO control panel cards art. 30001208, 30001234 and 30001268. Colour: White RAL 9003. Designed to accommodate a 7Ah battery, power supply unit art. 30076101 and a maximum of 2 expansion cards on bus. Dimensions (LxHxD) 280x260x80mm.

30002502 WALL-MOUNTED METAL HOUSING FOR VEDO CONTROL PANELS



Wall-mounted metal housing for VEDO control panel cards art. 30001208, 30001234 and 30001268. Designed to accommodate 7Ah or 15Ah batteries, power supply units art. 30076101, 30076102 or 30076103, 2 expansion cards on bus, and anti-tear and anti-open tamper. Dimensions (LxHxD) 440x315x100mm.

30002503 FLUSH-MOUNTED PLASTIC HOUSING FOR VEDO CONTROL PANELS



Flush-mounted housing in flame-resistant plastic for VEDO control panel cards art. 30001208, 30001234 and 30001268. Cover colour: White RAL 9003. Designed to accommodate a 7Ah battery, power supply unit art. 30076101 and a maximum of 2 expansion cards on bus. Dimensions (LxHxD) 310x350x75mm.





30032101 INDOOR PIEZO SIREN

Dual-tone indoor piezo siren in plastic housing. Supply voltage 12V DC. Dimensions (LxHxD) 110x110x55mm.



21047125 BATTERY-POWERED OUTDOOR SIREN; COLOUR: WHITE

Battery-powered outdoor siren with flashing light memory, anti-foam protection and battery monitoring; programmable time settings, test and ON/OFF inputs; battery: 12V 2.0Ah (not included); colour: white. Dimensions: 240x130x290mm.



21047125C BATTERY-POWERED OUTDOOR SIREN; COLOUR: CHROME

Battery-powered outdoor siren with flashing light memory, anti-foam protection and battery monitoring; programmable time settings, test and ON/OFF inputs; battery: 12V 2.0Ah (not included); colour: chrome. Dimensions: 240x130x290mm.



21047125G BATTERY-POWERED OUTDOOR SIREN; COLOUR: GREY

Battery-powered outdoor siren with flashing light memory, anti-foam protection and battery monitoring; programmable time settings, test and ON/OFF inputs; battery: 12V 2.0Ah (not included); colour: grey. Dimensions: 240x130x290mm.



21047129 OUTDOOR DUMMY SIREN

Outdoor dummy siren, with plastic casing only. Colour: WHITE.



MAGNETIC CONTACTS

	30087001	FLUSH-MOUNTED, CYLINDRICAL MAGNETIC CONTACT, WHITE PLASTIC Plastic, flush-mounted, cylindrical magnetic contact, not suitable for fitting in metal door/window frames. Colour: White. Dimensions: 25x12x12mm.
	30007001	FLUSH-MOUNTED, CYLINDRICAL MAGNETIC CONTACT, BROWN PLASTIC Plastic, flush-mounted, cylindrical magnetic contact, not suitable for fitting in metal door/window frames. Colour: Brown. Dimensions: 25x12x12mm.
	30087002	FLUSH-MOUNTED, CYLINDRICAL MAGNETIC CONTACT, BRASS Brass, flush-mounted, cylindrical magnetic contact, not suitable for fitting in metal door/window frames. Dimensions: 30x10x10mm.
	30087003	FLUSH-MOUNTED, CYLIND. MAGNET. CONTACT, WHITE PLASTIC, SHORT Short, plastic, flush-mounted, cylindrical magnetic contact, not suitable for fitting in metal door/window frames. Colour: White. Dimensions: 18x11x11mm.
	30007003	FLUSH-MOUNTED, CYLIND. MAGNET. CONTACT, BROWN PLASTIC, SHORT Short, plastic, flush-mounted, cylindrical magnetic contact, not suitable for fitting in metal door/window frames. Colour: Brown. Dimensions: 18x11x11mm.
	30087004	FLUSH MAGNETIC CONTACT, WHITE PLASTIC, METAL FRAMES Plastic, flush-mounted magnetic contact, suitable for fitting in metal door/window frames. Colour: White. Dimensions: 25x24x24mm.
	30087005	SURFACE MAGNETIC CONTACT, WHITE PLASTIC WITH TERMINALS Surface-mounted magnetic contact, white plastic housing, with terminals. Dimensions: 33x63x12mm.
	30087006	SURFACE MAGNETIC CONTACT, BROWN PLASTIC WITH TERMINALS Surface-mounted magnetic contact, brown plastic housing, with terminals. Dimensions: 33x63x12mm.
	30087007	SURFACE MAGNETIC CONTACT, WHITE PLASTIC WITH TERMINALS Surface-mounted magnetic contact, plastic housing, with terminals, C-NC,NO. Dimensions: 33x63x12mm.
	30087008	SURFACE MAGNETIC CONTACT, WHITE PLASTIC WITH WIRE Surface-mounted magnetic contact, plastic housing, with terminals, small. Dimensions: 20x50x9mm.
	30087009	SURFACE MAGNETIC CONTACT, WHITE PLASTIC WITH CABLE Surface-mounted magnetic contact, plastic housing, wire terminals, small. Dimensions: 26x27x9mm.
	30087010	SURFACE MAGNETIC POWER CONTACT, ALUMINIUM WITH CABLE Surface-mounted magnetic power contact, die-cast aluminium housing, with output cable, small. Dimensions: 30x31x8mm.
	30087011	SURFACE MAGNETIC POWER CONTACT, ALUMINIUM WITH CABLE Surface-mounted magnetic power contact, die-cast aluminium housing, with output cable. Dimensions: 48x35x10mm.



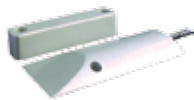
- 30087012 SURFACE MAGNETIC POWER CONTACT, ALUMINIUM WITH CABLE**
Surface-mounted magnetic power contact, die-cast aluminium housing, with output cable, bevelled. Dimensions: 49x50x15mm.



- 30087013 SURFACE MAGNETIC POWER CONTACT, ALUMINIUM WITH CABLE**
Surface-mounted magnetic power contact, die-cast aluminium housing, with output cable, flat bevelled. Dimensions: 60x50x10mm.



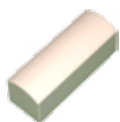
- 30087014 SURFACE MAGNETIC POWER CONTACT, ALUMINIUM WITH CABLE**
Surface-mounted magnetic power contact, die-cast aluminium housing, with output cable, large. Dimensions: 104x30x16mm.



- 30087015 MAGNETIC CONTACT FOR UP-AND-OVER DOORS, ALUMINIUM**
Magnetic contact for up-and-over doors, die-cast aluminium housing, with output cable protected with metal sheath. Dimensions: 62x105x20mm.



- 30087101 WIRED SENSOR FOR ROLLER SHUTTER**
Wired contact in plastic for roller shutters. The contact must be connected to "high-speed" inputs of the 8-input expansion module (art. 30052202).



- 30087201 HIGH-SENSITIVITY, PLASTIC INERTIAL SENSOR**
High-sensitivity plastic inertial sensor. The contact must be connected to "high-speed" inputs of the 8-input expansion module (art. 30052202). Dimensions: 60x22x22mm.



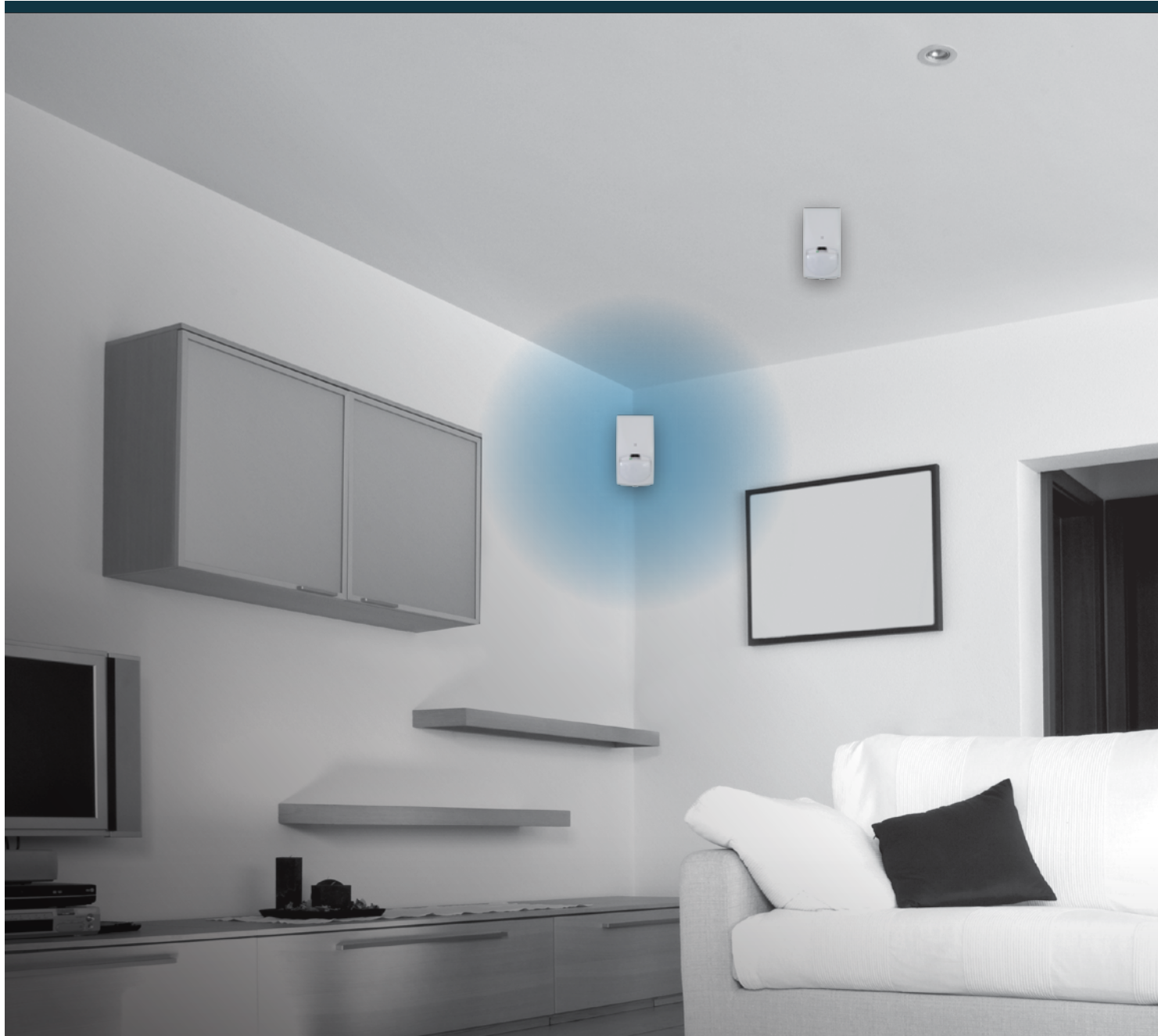
- 30087301 MICROPHONE GLASS BREAK SENSOR**
Microphone glass break sensor. Selectable range 9/5m. Uses a microchip to process the sounds detected by a high-precision microphone and sends the alarm signal to the control panel. Anti-removal tamper protection. Current consumption during normal operation 15mA. Dimensions: 92x59x27mm. Weight 100g.



- 30087401 PULSE COUNTER CARD FOR WIRED SENSOR FOR ROLLER SHUTTER**
Pulse counter card for high-speed inputs. Power supp. 10-15V DC, consumption 45mA, NC contact, adjustable pulses (1 to 8), speed and sensitivity. Dimensions: 65x90 mm.



- 30087402 PULSE COUNTER CARD FOR HIGH-SENSITIVITY INERTIAL SENSOR**
Pulse counter card for the connection of 2 independent inertial sensors for monitoring window panes, doors or walls. Equipped with a trimmer for individual adjustment of the sensitivity threshold of each sensor connected. Designed to detect very fast pulses (inertial sensors), it is also suitable for pulses with a duration of 3 to 30ms. Complete with a LED for visually indicating reception of the pulse from the connected sensors, and with a relay with free contact for relaying the pulse to the control panel, thereby alarming the control panel concerned.



**DUAL TECHNOLOGY
ANTI-MASKING
INFRARED WITH BUILT-IN
SEISMIC SENSOR, BUILT-IN
CAMERA
AND END-OF-LINE RESISTORS
THE SMALLEST INFRARED
DETECTOR ON THE MARKET,
WITH MIRROR TECHNOLOGY**

INDOOR VOLUMETRIC SENSORS



PIR with camera

Combines the typical functionality of a volumetric sensor with the potential for surveillance and video-monitoring, thanks to the presence of a camera.

Pet immunity

The technology used in this sensor effectively prevents nuisance triggering of alarms by pets.



The smallest in the world with mirror optic

The ideal solution for preventing problems deriving from direct sunlight, which could trigger the alarm. Also offers the benefit of exceptionally compact dimensions.



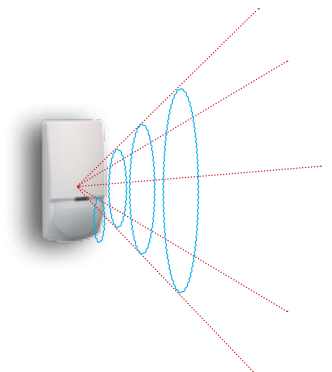
Swivel joints

The support structure is equipped with swivel joints so that you can orient the sensor according to the shape of the rooms or the presence of corners.



Dual technology (infrared+microwave)

The synergy of the two technologies makes the device particularly sensitive and effective in all conditions of use and alert signalling.



Anti-masking

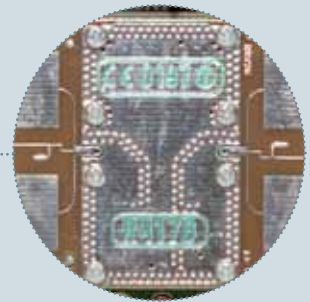
This sensor adopts a technology that activates an anti-masking function so that the device cannot be neutralised.



Dedicated terminals with resistors

Built-in EOL resistors (art. 30008020 30008021)

10,525 GHz MW with aluminium cavity and planar antenna

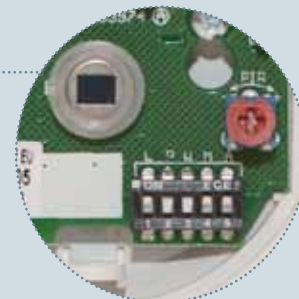


Indicators comprising 3 inhibitible LEDs



Quad PIR

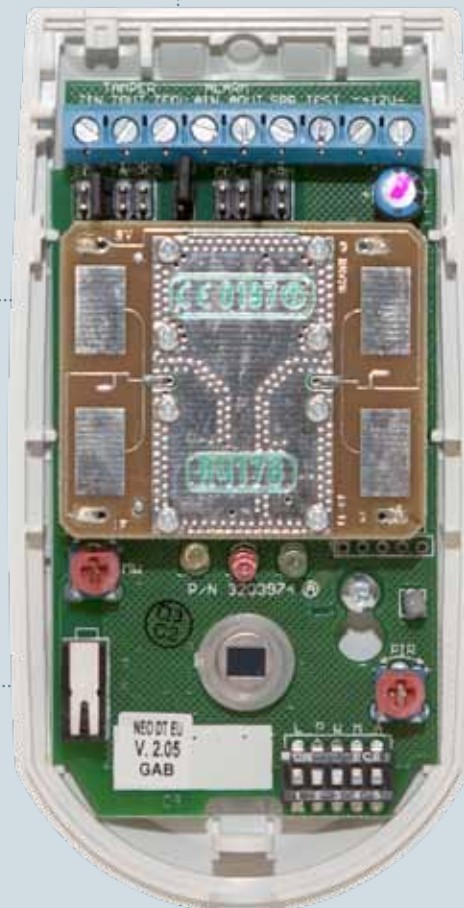
Separate control of PIR and MW range



DIP switch for setting pet immunity AND/OR mode - 15 kg or 25 kg pulse counter - separate MW and PIR

Bolt with anti-drop nut

Silicone gasket protecting the PIR



INDOOR VOLUMETRIC SENSORS



30008001 JOINT KIT WITH CABLE DUCT

Joint kit with integrated cable duct for wall, corner and ceiling sensor mounting.



30008002 CURTAIN LENSES KIT FOR SENSORS

Kit comprising a Fresnel lens and plastic frame to fit to the inside of the sensors for a long-range curtain effect. Coverage 20x2m. Compatible with art. 30004001, 30008010, 30008011, 30008012, 30008013, 30008014, 30008020, 30008021



30008010 INFRARED VOLUMETRIC SENSOR WITH PET IMMUNITY

Detector with quad element pyroelectric sensor and pet immunity. Uses a special volumetric lens and a new electronic system based on ASIC technology, optimised to eliminate false alarms triggered by pets (Quad Linear Imaging Technology for accurate analysis of body dimensions and differentiation from background and pets of up to 25kg), high degree of immunity to visible light, range of 15 m with 90° aperture, temperature compensation, selectable pulse counter; installation height 1.8 m to 2.4m with no need for calibration, operating temperature -10°C to +50°C, dimensions 92x59x37 mm, weight 40g.



30008011 DUAL-TECHNOLOGY SENSOR

Dual-technology detector, quad element pyroelectric sensor, MW radar based on Doppler concept. The internal ASIC circuit analyses the PIR and MW signals for the purpose of drastically reducing false alarms triggered by small pets; quad element pyroelectric sensor and rigid lens for high-performance detection, microwave detection based on Doppler concept, motion sensor module with microstrip antenna, Quad Linear Imaging Technology for accurate analysis of body dimensions and differentiation from background and pets, advanced electronic system based on ASIC technology; installation height 1.8m to 2.4m with no need for calibration, range 15m, easy to install with or without joint, PIR sensitivity control, MW sensitivity control, bidirectional temperature compensation, immune to environmental factors, immune to animals up to 25kg; operating temperature -10°C to +50°C, dimensions 123x62x38 mm, weight 120g.



30008012 DUAL-TECHNOLOGY, ANTI-MASKING SENSOR

Dual-technology quad PIR and 10 Ghz Microwave sensor with strip antenna, anti-masking, ASIC electronics and technology for the intelligent analysis of body dimensions, pet immunity with 15kg or 25kg settings, PIR and MW sensitivity adjustment, immunity to white light, installation height from 1.8 to 2.4 metres with no calibration required, supply voltage 8.2 to 16V DC, range 18m with 90° aperture, NC alarm and tamper output with 10 Ohm protection resistance, operating temperature from -10 to +50°C, dimensions 123x62x38 mm, weight 120g.



30008013 INTEGRATED INFRARED AND SEISMIC SENSOR

Quad PIR and integrated seismic sensor with dielectric condenser microphone allowing shock and glass breakage detection, ASIC electronics and technology for the intelligent analysis of body dimensions, pet immunity with 15kg or 25kg settings, range 18 metres at 90° and 10 metres for Glass 90°, PIR and Shock and Glass sensor sensitivity adjustment, pulse counter, immunity to white light, installation height from 1.8 to 2.4 metres with no calibration required, supply voltage 8.2 to 16V DC, maximum consumption of PIR-Shock-Glass 22mA, warm-up time 1 minute, range 15m, separate alarm output for PIR and Shock-Glass and NC tamper with 10 Ohm protection resistance, operating temperature from -10 to +50°C, dimensions 123x62x38 mm, weight 110g.



30008014 **INFRARED SENSOR WITH COLOUR CAMERA**

PIR quad sensor and PAL 420 TVL colour camera with Pin Hole lens and integrated audio, ASIC electronic system and technology for smart analysis of body size, anti-masking PIR, immune to animals of up to 25kg, temperature compensation, sensitivity control and pulse counter, installation height 1.8 to 2.4 metres with no need for calibration, range 18 m with 90° aperture, supply voltage 8.2 to 16V DC, maximum consumption with LEDs ON 10mA, warm-up time 120 sec., alarm output and NC tamper with 10 Ohm protection resistor and audio and video outputs, operating temperature -10 to +50°C, dimensions 123x62x38mm, weight 135g.



30008020 **INFRARED VOLUMETRIC SENSOR WITH PET IMMUNITY AND EOL**

Detector with quad element pyroelectric sensor, pet immune, with integrated EOL (End Of Line) resistors. Uses a special volumetric lens and a new electronic system based on ASIC technology, optimised to eliminate false alarms triggered by pets (Quad Linear Imaging Technology for accurate analysis of body dimensions and differentiation from background and pets of up to 25kg), integrated balance resistors which can be selected by means of jumpers for simplified installation, high degree of immunity to visible light, range of 15m with 90° aperture, temperature compensation, selectable pulse counter; installation height 1.8m to 2.4m with no need for calibration, operating temperature -10°C to +55°C, dimensions 116x59x37mm, weight 75g.



30008021 **DUAL-TECHNOLOGY VOLUMETRIC SENSOR WITH PET IMMUNITY AND EOL**

Detector with quad element pyroelectric and microwave sensor, pet immune, with integrated EOL (End Of Line) resistors. Uses a special volumetric lens with a PIR Quad sensor, a planar microwave lens that uses the Doppler effect, and a new electronic system based on ASIC technology, optimised to eliminate false alarms triggered by pets (Quad Linear Imaging Technology for accurate analysis of body dimensions and differentiation from background and pets of up to 25kg), selectable AND/OR operation, integrated balance resistors which can be selected by means of jumpers for simplified installation, high degree of immunity to visible light, range of 15m with 90° aperture, temperature compensation, selectable pulse counter, installation height 1.8m to 2.4m with no need for calibration, operating temperature -10°C to +55°C, dimensions 117x60x37 mm, weight 105g.



30008031 **INFRARED VOLUMETRIC SENSOR WITH MIRROR OPTIC, CURTAIN EFFECT**

Detector with dual element pyroelectric sensor and curtain-effect mirror optic. Uses a special spherical mirror lens with variable focus capable for forming 8 dense zones (16 beams) diffused with an angle of 90° on 8 levels; offers a high degree of immunity to visible light, range 8m with 8° aperture, temperature compensation, installation height with no need for calibration, operating temperature -20°C to +5°C, dimensions 70x35x36 mm, weight 26g.



30088009 **DUAL-TECHNOLOGY CURTAIN LENS SENSOR, WHITE**

Dual-technology IR and MW curtain lens sensor, for installation in the centre of doors and windows, adjustable range to maximum of 5 metres, 90° aperture PIR with 2 elements and MW at 2.45 GHz, lens with 5 bands on 1 level, supply voltage 9 to 15V DC, maximum consumption 22mA, protection rating IP42, white ABS container, NC alarm and tamper relay, operating temperature from -20 to +55°C, dimensions 145x37x30mm.

INDOOR VOLUMETRIC SENSORS

30088009M



DUAL-TECHNOLOGY CURTAIN LENS SENSOR, BROWN

Dual technology IR and MW curtain lens sensor, for installation in the centre of doors and windows, adjustable range to maximum of 5 metres, 90° aperture PIR with 2 elements and MW at 2.45 GHz, lens with 5 bands on 1 level, supply voltage 9 to 15V DC, maximum consumption 22mA, protection rating IP42, brown ABS container, NC alarm and tamper relay, operating temperature from -20 to +55°C, dimensions 145x37x30mm.

30088005



CEILING-MOUNTED PASSIVE INFRARED SENSOR

Ceiling-mounted passive infrared sensor, installation height 3.6m, range 8m, coverage angle 360°, supply voltage 9-16V DC, consumption 25mA, dimensions 64x120x48mm.

30088008



FLUSH-MOUNT. PASSIVE INFRARED SENSOR, 1 RESIDEN. SERIES MOD.

Flush-mounted passive infrared sensor in 3-module (residential series) box, range 10m, horizontal coverage angle 140°, max consumption 9mA, supply voltage 10-15V DC, dimensions 1 residential series module (specify series when ordering). • XA = BT Axolute. silver • XN = BT Axolute black • LI = BT Living Internat.(black) • LG = BT Light (white) • LT = BT Light Tech (silver) • MG = BT Magic (white) • LV = BT Living (black) • TM = BT Matix (white) • TT = BT Magic TT (light beige) • TU = BT Luna (white) • TK = BT Tekne (dark beige) • AD = Ave Dom. (white) • AL = Ave Lif. (black) • AQ = Ave Banquise (white) • AB = Ave Blanc (light beige) • AN = Ave Noir (black) • AH = Ave Habitat (dark beige) • AR = Ave Ral (ice white) • GP = Gew. Play Bus (black) GW = Gew. System (white) • GN = Gew. System Black • BE = ABB Elos (black) • GA = Gew. Chorus Titanio (silver) • GB = Gew. Chorus Bianco • GC = Gew. Chorus Nero • VN = Vim. Idea Nero • VB = Vim. Idea Bianco • VP = Vim. Plana (white) • VS = Vim. Plana Silver • VE = Vim. Eikon (black) • VA = Vimar Eikon bianca • VX = Vim. Eikon Next (silver) • LC = Legr. Cross (white) • LE = Legr. Ergo (black) • LN = Legr. Vela Nero • LB = Legr. Vela Bianco • LS = Legr Vela Silver. For example, to purchase the residential series sensor BT Axolute silver, order article 30088008XA.



**DUAL PIR OUTDOOR
SENSORS WITH
LONG-RANGE CURTAIN
DUAL TECHNOLOGY
CURTAIN DETECTOR
DUAL PIR DETECTOR
WITH MICROWAVE**

OUTDOOR VOLUMETRIC SENSORS

Infrared filter for interference from white light (sunlight)

The filter function prevents sunlight from causing anomalous interference and triggering the alarm, and is therefore ideal even if located in full sunlight.



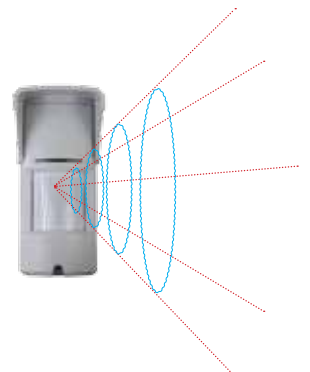
Water ingress protection rating IP65

The high level of weather-protection ensures constant, correct operation even in the event of rain and storms.

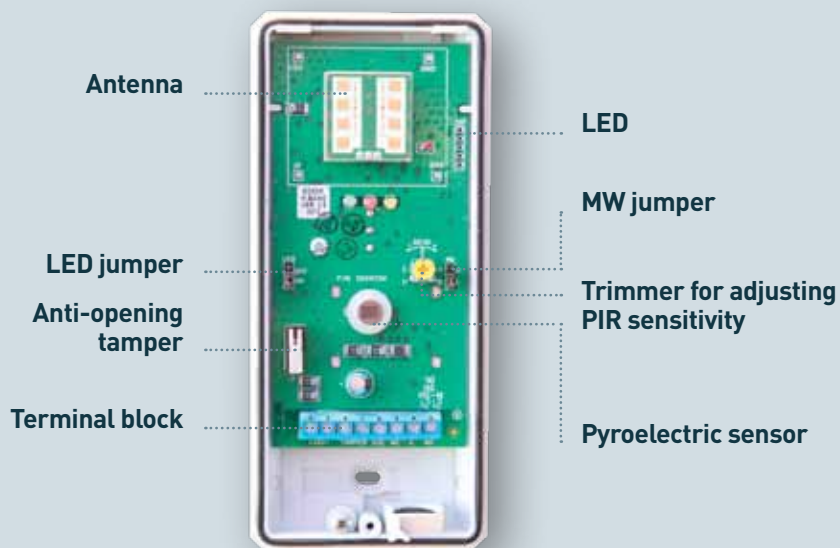


K-band microwave (a very precise detection frequency)

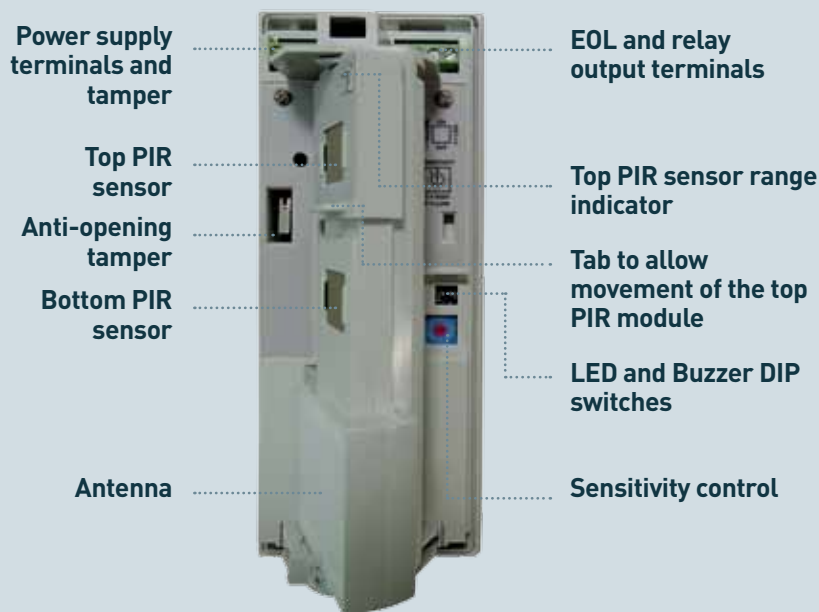
The use of a particularly precise detection frequency ensures a high level of protection and alert signalling.



Art. **30008074** is equipped with a highly advanced technology that combines the detection capacity of a PIR sensor with that of a microwave motion sensor in "AND" logic. Digital processing of the signals ensures accurate analysis of body dimensions and differentiation from background and pets.



Art. **30008071** is a modern, reliable detector for outdoor use with dual PIR and microwave in band K made for applications requiring high security and operating stability. Resistant to adverse weather, insects, dust, wind (up to 30 m/s), sunlight and other outdoor disturbances, and capable of eliminating false alarms caused by animals.



OUTDOOR VOLUMETRIC SENSORS



30008077 OUTDOOR WIDE-ANGLE DUAL INFRARED SENSOR

Outdoor dual-technology, dual-element wide-angle PIR, using ASIC technology for precise analysis to eliminate false alarms, power supply 9.6 to 16V DC, consumption 18mA in standby, 8mA in alarm, coverage 16m with 110° aperture, operating temperature from -25 to +55°C, protection rating IP65, NC alarm and tamper output.



30008078 OUTDOOR CURTAIN-LENS DUAL INFRARED SENSOR

Outdoor dual-technology PIR with dual-element curtain lens, using ASIC technology for precise analysis to eliminate false alarms, supply voltage 9.6 to 16V DC, consumption 18mA in standby, 8mA in alarm status, coverage 20 metres with width 2 metres, operating temperature from -25 to +55°C, protection rating IP65, NC alarm and tamper output.



30008079 OUTDOOR LONG-RANGE DUAL INFRARED SENSOR

Outdoor, dual-technology, dual-element, long-range PIR, using ASIC technology for precise analysis to eliminate false alarms, supply voltage 9.6 to 16V DC, consumption 18mA in standby, 8mA in alarm, coverage 30m, operating temperature from -25 to +55°C, protection rating IP65, NC alarm and tamper output.



30008074 OUTDOOR DUAL-TECHNOLOGY SENSOR

Outdoor dual-technology detector complete with joint, resistant to storms, insects, dust, wind up to 30 m/s, sunlight and electromagnetic interference, MW in K 24 Ghz band Doppler effect, installation height from 1.8 to 2.4 metres, coverage 15m, aperture 90°, pet immunity up to 35kg, PIR and MW adjustment, waterproof case with IP64 cover, supply voltage 9.6 to 16V DC, consumption 21mA in standby, 24mA in alarm, automatic bi-directional temperature balancing, operating temperature from -25 to +55°C, dimensions 175x70x45mm, weight 210g.



30008075 OUTDOOR DUAL-TECHNOLOGY, CURTAIN-LENS SENSOR

Outdoor dual-technology, curtain-lens detector complete with joint, resistant to storms, insects, dust, wind up to 30 m/s, sunlight and electromagnetic interference, MW in K 24 Ghz band Doppler effect, installation height from 1.8 to 2.4 metres, coverage 20m with width 2m, pet immunity up to 35kg, PIR and MW adjustment, waterproof case with IP64 cover, supply voltage 9.6 to 16V DC, consumption 21mA in standby, 24mA in alarm, automatic bi-directional temperature balancing, operating temperature from -25 to +55°C, dimensions 175x70x45mm, weight 210g.



30008071 OUTDOOR DUAL-TECHNOLOGY SENSOR

Outdoor dual-technology detector (PIR and Microwave), resistant to storms, insects, dust, wind up to 30 m/s, sunlight and electromagnetic interference, MW in K 24 Ghz band Doppler effect, installation height from 1.2 metres, coverage 18m, aperture 90°, pet immunity up to 35kg, PIR and MW adjustment, protection rating IP55, consumption 21mA in standby, 30mA in alarm, automatic bi-directional temperature balancing, operating temperature from -25 to +55°C, dimensions 200x86x80mm, weight 500g.

INFRARED BARRIERS FOR WINDOW PROTECTION PARALLEL OR CROSSED BEAM INFRARED BARRIERS MICROWAVE BARRIERS DUAL-TECHNOLOGY BARRIERS



PHOTOELECTRIC BARRIERS



30088301 **INDOOR/OUTDOOR DUAL-BEAM PHOTOELECTRIC SENSOR, 30/90M**

Pair of dual-beam photoelectric sensors for indoor or outdoor use. Supply voltage 12-24V DC. Current consumption during normal operation 14mA. Vertical alignment angle 20° Range 90m (indoor), 30m (outdoor). Horizontal alignment angle 180°



30088302 **INDOOR/OUTDOOR DUAL-BEAM PHOTOELECTRIC SENSOR, 60/180M**

Pair of dual-beam photoelectric SENSORS for indoor or outdoor use. Supply voltage 12-24V DC. Current consumption during normal operation 18mA. Vertical alignment angle 20° Range 180m (indoor), 60m (outdoor). Horizontal alignment angle 180°



30088303 **INDOOR/OUTDOOR DUAL-BEAM PHOTOELECTRIC SENSOR, 100/300M**

Pair of dual-beam photoelectric sensors for indoor or outdoor use. Supply voltage 12-24V DC. Current consumption during normal operation 22mA. Vertical alignment angle 20° Range 300m (indoor), 100m (outdoor). Horizontal alignment angle 180°

INDOOR/OUTDOOR INFRARED BARRIERS



30088401 **INFRARED BARRIER WITH 3 DUAL BEAMS, HEIGHT 1M, BLACK**

Pair of infrared barriers, 3 dual beams, for indoor or outdoor use, height 1m. Range 20m (indoor), 10m (outdoor). Supply voltage 12V DC, consumption 0.6W, protection rating IP54. Dimensions (LxHxD) 25x1000x22mm; colour: black. NOTE: Available white stocks of art. 30088401 last.



30088402 **4-BEAM INFRARED BARRIER, HEIGHT 1.05M, WHITE**

Pair of infrared barriers for indoor or outdoor use. 4 beams. Height 105cm. Range 16m (indoor), 8m (outdoor). Supply voltage 10-24V DC. Dimensions: 35x30x1050mm. Colour: white.



30088402 **INFRARED BARRIER WITH 3 DUAL BEAMS, HEIGHT 1M, WHITE**

Pair of infrared barriers, 3 dual beams, for indoor or outdoor use, height 1m. Range 20m (indoor), 10m (outdoor). Supply voltage 12V DC, consumption 0.6W, protection rating IP54. Dimensions (LxHxD) 25x1000x22mm; colour: white. NOTE: Available white stocks of art. 30088402 last.



30088403 **6-BEAM INFRARED BARRIER, HEIGHT 1.53M, BLACK**

Pair of infrared barriers for indoor or outdoor use. 6 beams. Height 153cm. Range 16m (indoor), 8m (outdoor). Supply voltage 10-24V DC. Dimensions: 35x30x1530mm. Colour: black.



30088403 **INFRARED BARRIER WITH 4 DUAL BEAMS, HEIGHT 1.5M, BLACK**

Pair of infrared barriers, 4 dual beams, for indoor or outdoor use, height 1.5m. Range 20m (indoor), 10m (outdoor). Supply voltage 12V DC, consumption 0.6W, protection rating IP54. Dimensions (LxHxD) 25x1500x22mm; colour: white.



- 30008404 INFRARED BARRIER WITH 4 DUAL BEAMS, HEIGHT 1.5M, WHITE**
Pair of infrared barriers, 4 dual beams, for indoor or outdoor use, height 1.5m. Range 20m (indoor), 10m (outdoor). Supply voltage 12V DC, consumption 0.6W, protection rating IP54. Dimensions (LxHxD) 25x1500x22mm; colour: white.
-



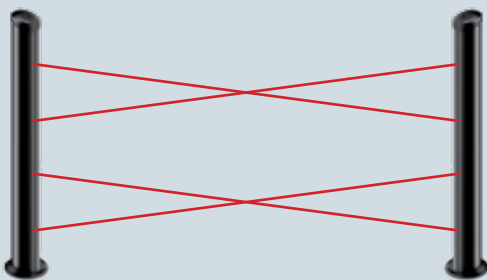
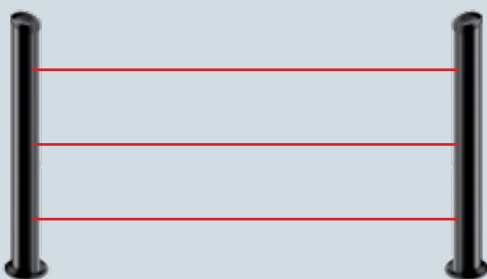
- 30008405 INFRARED BARRIER WITH 6 DUAL BEAMS, HEIGHT 2M, BLACK**
Pair of infrared barriers, 6 dual beams, for indoor or outdoor use, height 2m. Range 20m (indoor), 10m (outdoor). Supply voltage 12V DC, consumption 0.96W, protection rating IP54. Dimensions (LxHxD) 25x2000x22mm; colour: black.
-



- 30008406 INFRARED BARRIER WITH 6 DUAL BEAMS, HEIGHT 2M, WHITE**
Pair of infrared barriers, 6 dual beams, for indoor or outdoor use, height 2m. Range 20m (indoor), 10m (outdoor). Supply voltage 12V DC, consumption 0.96W, protection rating IP54. Dimensions (LxHxD) 25x2000x22mm; colour: white.

X Series

The new barrier designed for outdoor protection of large sites. According to installation requirements and the required degree of security, can be composed and configured as microwave only, active infrared only or dual technology. Each section has an independent alarm output, which can be managed in AND or OR directly from the alarm control panel. Robust structure in aluminium with protective screen in polycarbonate fastened to a based predisposed for floor-, wall- or pocket installation (optional accessories).



PERFORMANCE

- Random delay
- Parallel or crossed beams
- Fog disqualification with OC signalling
- Random AND-OR or first two beams
- Exclusion of beam 1 or first 2
- Cable synchronisation
- Anti-mask with OC signalling
- Anti-crawl
- Adjustable crossing time
- 4 optical synchronisation channels
- LED inhibition
- Activation of RS485 communication



Buzzer

High-intensity LEDs visible from 500m

Thermostat-controlled heaters

Terminal block with RS485 output

230V AC input power supply unit

7AH BATTERY SPACE

X1 SERIES INFRARED BARRIERS



30088511 SINGLE INFRARED BARRIER WITH 2 DUAL BEAMS, HEIGHT 1M
 Single infrared barrier with 2 TX beams and 2 RX beams, in container for mounting on the ground or in pocket art. 30008533, height 1 metre, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with 13.8V DC / 2.5A internal power supply unit and compartment for battery up to 7Ah, consumption 150mA, TX and RX cable synchronisation required, LED system for alignment and calibration, wiring accessories for IP54 waterproof outdoor installation, operating temperature -25 to +65°C with 45W 24V AC thermostat control, output relay for alarm, tampering and exclusion.



30088512 SINGLE INFRARED BARRIER WITH 3 DUAL BEAMS, HEIGHT 1.5M
 Single infrared barrier with 3 TX beams and 3 RX beams, in container for mounting on the ground or in pocket art. 30008533, height 1.5 metres, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with 13.8V DC / 2.5A internal power supply unit and compartment for battery up to 7Ah, consumption 150mA, TX and RX cable synchronisation required, LED system for alignment and calibration, wiring accessories for IP54 waterproof outdoor installation, operating temperature -25 to +65°C with 45W 24V AC thermostat control, output relay for alarm, tampering and exclusion.



30088513 SINGLE INFRARED BARRIER WITH 4 DUAL BEAMS, HEIGHT 2M
 Single infrared barrier with 4 TX beams and 4 RX beams, in container for mounting on the ground or in pocket art. 30008533, height 2 metres, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with 13.8V DC / 2.5A internal power supply unit and compartment for battery up to 7Ah, consumption 150mA, TX and RX cable synchronisation required, LED system for alignment and calibration, wiring accessories for IP54 waterproof outdoor installation, operating temperature -25 to +65°C with 45W 24V AC thermostat control, output relay for alarm, tampering and exclusion.



30008514 TERMINAL INFRARED BARRIER, 2-BEAM TX, HEIGHT 1M
 Single terminal infrared barrier with 2 TX beams, in container for mounting on the ground or in pocket art. 30008533, height 1 metre, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with 13.8V DC / 2.5A internal power supply unit and compartment for battery up to 7Ah, consumption 150mA, TX and RX cable synchronisation required, LED system for alignment and calibration, wiring accessories for IP54 waterproof outdoor installation, operating temperature -25 to +65°C with 45W 24V AC thermostat control, output relay for alarm, tampering and exclusion.



30008515 TERMINAL INFRARED BARRIER, 3-BEAM TX, HEIGHT 1.5M
 Single terminal infrared barrier with 3 TX beams, in container for positioning on the ground or in pocket art. 30008533, height 1.5 metres, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with 13.8V DC / 2.5A internal power supply unit and compartment for battery up to 7Ah, consumption 150mA, TX and RX cable synchronisation required, LED system for alignment and calibration, wiring accessories for IP54 waterproof outdoor installation, operating temperature -25 to +65°C with 45W 24 VAC thermostat control, output relay for alarm, tampering and exclusion.



30008516 **TERMINAL INFRARED BARRIER, 4-BEAM TX, HEIGHT 2M**

Single terminal infrared barrier with 4 TX beams, in container for mounting on the ground or in pocket art. 30008533, height 2 metres, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with 13.8V DC / 2.5A internal power supply unit and compartment for battery up to 7Ah, consumption 150mA, TX and RX cable synchronisation required, LED system for alignment and calibration, wiring accessories for IP54 waterproof outdoor installation, operating temperature -25 to +65°C with 45W 24V AC thermostat control, output relay for alarm, tampering and exclusion.



30008517 **TERMINAL INFRARED BARRIER, 2-BEAM RX, HEIGHT 1M**

Single terminal infrared barrier with 2 RX beams, in container for positioning on the ground or in pocket art. 30008533, height 1 metre, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with 13.8V DC / 2.5A internal power supply unit and compartment for battery up to 7Ah, consumption 150mA, TX and RX cable synchronisation required, LED system for alignment and calibration, wiring accessories for IP54 waterproof outdoor installation, operating temperature -25 to +65°C with 45W 24V AC thermostat control, output relay for alarm, tampering and exclusion.



30008518 **TERMINAL INFRARED BARRIER, 3-BEAM RX, HEIGHT 1.5M**

Single terminal infrared barrier with 3 RX beams, in container for mounting on the ground or in pocket art. 30008533, height 1.5 metres, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with 13.8V DC / 2.5A internal power supply unit and compartment for battery up to 7Ah, consumption 150mA, TX and RX cable synchronisation required, LED system for alignment and calibration, wiring accessories for IP54 waterproof outdoor installation, operating temperature -25 to +65°C with 45W 24V AC thermostat control, output relay for alarm, tampering and exclusion.



30008519 **TERMINAL INFRARED BARRIER, 4-BEAM RX, HEIGHT 2M**

Single terminal infrared barrier with 4 RX beams, in container for mounting on the ground or in pocket art. 30008533, height 2 metres, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with 13.8V DC / 2.5A internal power supply unit and compartment for battery up to 7Ah, consumption 150mA, TX and RX cable synchronisation required, LED system for alignment and calibration, wiring accessories for IP54 waterproof outdoor installation, operating temperature -25 to +65°C with 45W 24V AC thermostat control, output relay for alarm, tampering and exclusion.

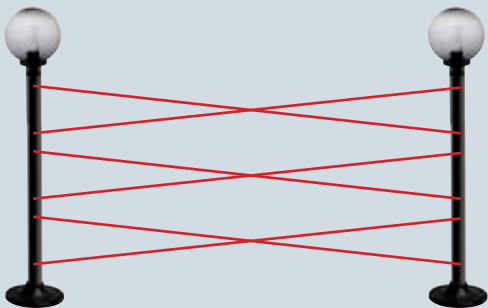
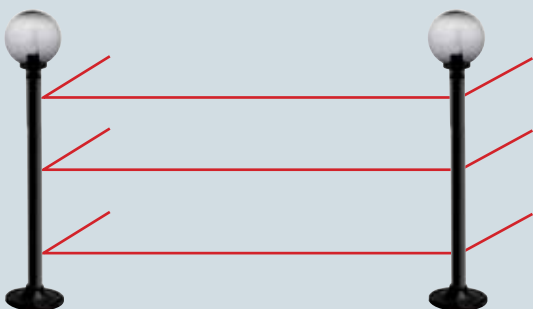


30008533 **POCKET FOR X1, X2, M2, M3 BARRIERS**

Modular pocket for X1, X2, M2 and M3 outdoor barriers with floor adjustment.

X2 Series

An outdoor security system for residential, commercial and industrial environments, which integrates with the garden lighting system with three different lines of products.



New SMA RX optic
New SMA TX optic



10-30V DC supply voltage.

10-30V AC/DC supply voltage.

PERFORMANCE

- Random delay
- Parallel or crossed beams
- Fog disqualification with OC signalling
- Random AND-OR or first two beams
- Exclusion of beam 1 or first 2
- Cable synchronisation
- Anti-mask with OC signalling
- Anti-crawl
- Adjustable crossing time
- 4 optical synchronisation channels
- LED inhibition

X2 SERIES INFRARED BARRIERS



30008542 POST-MOUNT MASKED IR BARRIER WITH 3 DUAL BEAMS, HEIGHT 1.6M
Lamp-post-mounted single masked infrared barrier, with 3 TX beams and 3 RX beams, in container for mounting on the ground or in pocket art. 30008533, height 1.6 metres, lamp fitting diameter 60mm, maximum range 100 metres with unobstructed view, supply voltage 12-16V DC, consumption 135mA, TX and RX cable synchronisation required, wiring accessories for IP65 waterproof outdoor installation, operating temperature -25 to +65°C with thermostat control 50W 24V AC, output relay for alarm, tampering and exclusion.

30008543 POST-MOUNTED MASKED BARRIER WITH 4-DUAL-BEAM TX AND RX
Lamp-post-mounted single masked infrared barrier, with 4 TX beams and 4 RX beams, in container for mounting on the ground or in pocket art. 30008533, height 2 metres, lamp fitting diameter 60mm, maximum range 100 metres with unobstructed view, supply voltage 12-16V DC, consumption 135mA, TX and RX cable synchronisation required, wiring accessories for IP65 waterproof outdoor installation, operating temperature -25 to +65°C with thermostat control 50W 24V AC, output relay for alarm, tampering and exclusion.



30008535 SPHERICAL LUMINAIRE
Spherical luminaire, complete with accessories, for installation on barriers art.30008542 and art.30008543.



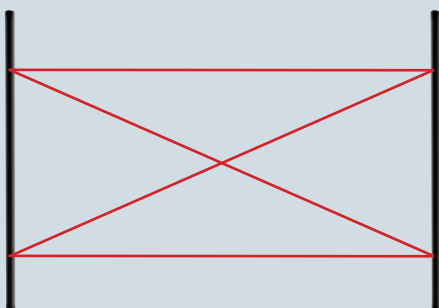
30008533 POCKET FOR X1, X2, M2, M3 BARRIERS
Modular pocket for X1, X2, M2 and M3 outdoor barriers with floor adjustment.



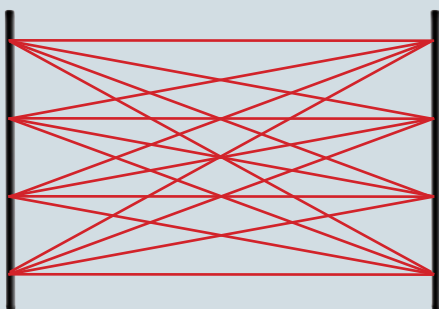
30008534 POWER SUPPLY UNIT FOR BARRIERS, IN METAL ENCLOSURE
Power supply unit/transformer in metal enclosure, 220V AC input, 13.8V DC / 2.5A and 24V AC / 300VA outputs, for batteries max. 17Ah.

X3 Series

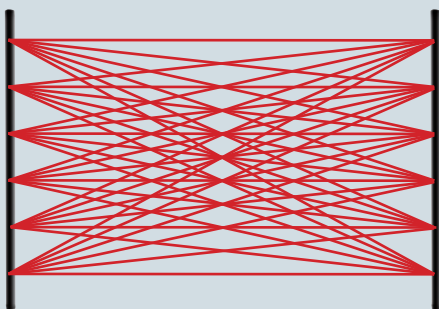
With the new SMA (single man alignment) technology, the beams can be aligned by a single operator, because the extremely high-intensity LEDs and the buzzer on each optic make it possible to attain the highest value of alignment without the use of additional instrumentation. The system is activated simply by pressing a button on each optic.



ref. 30008561



ref. 30008562 - 30008563



ref. 30008564



Double SMA optic

- Optical synchronisation channel selector
- random AND or first 2 optics
- 10-30V DC supply voltage.
- 10-30V AC/DC supply voltage



PERFORMANCE

- Random delay
- Crossed beams
- Fog disqualification
- Random AND-OR or first two beams
- Exclusion of beam 1 or first 2
- Optical synchronisation
- Anti-mask with OC signalling
- Anti-crawl
- Adjustable crossing time
- 4 optical synchronisation channels
- LED inhibition
- RS485 connection

X3 SERIES WALL-MOUNTED INFRARED BARRIERS



30008561 PAIR OF INFRARED BARRIERS WITH 4 CROSS-BEAMS, HEIGHT 0.5M
Pair of columns with 4 beams (2 crossed), maximum range 80 metres and minimum range 15 metres, height 50cm, supply voltage 12V DC, consumption 30mA RX, 30mA TX, thermostat control 10W at 24V AC for both TX and RX, protection rating IP65, operating temperature -25 to +65°C.



30008562 PAIR OF INFRARED BARRIERS WITH 16 CROSS-BEAMS, HEIGHT 1M
Pair of columns with 16 crossed beams, maximum range 80 metres and minimum range 15 metres, height 1 metre, supply voltage 12V DC, consumption 30mA RX, 50mA TX, thermostat control 20W at 24V AC for both TX and RX, protection rating IP65, operating temperature -25 to +65°C.



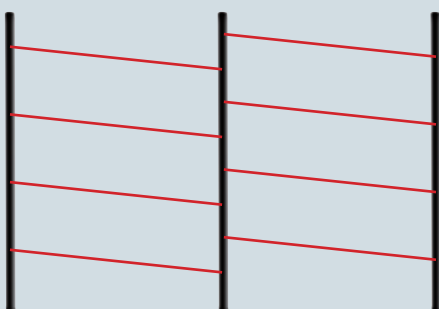
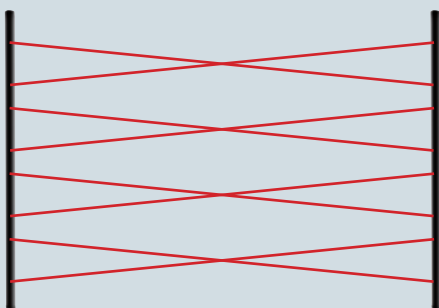
30008563 PAIR OF INFRARED BARRIERS WITH 16 CROSS-BEAMS, HEIGHT 1.5M
Pair of columns with 16 crossed beams, maximum range 80 metres and minimum range 15 metres, height 1.5 metres, supply voltage 12V DC, consumption 30mA RX, 50mA TX, thermostat control 20W at 24V AC for both TX and RX, protection rating IP65, operating temperature -25 to +65°C.



30008564 PAIR OF INFRARED BARRIERS WITH 36 CROSS-BEAMS, HEIGHT 2M
Pair of columns with 36 crossed beams, maximum range 80 metres and minimum range 15 metres, height 2 metres, supply voltage 12V DC, consumption 80mA RX, 80mA TX, thermostat control 30W at 24V AC for both TX and RX, protection rating IP65, operating temperature -25 to +65°C.

X4 Series

With the new SMA (single man alignment) technology, the beams can be aligned by a single operator, because the extremely high-intensity LEDs and the buzzer on each optic make it possible to attain the highest value of alignment without the use of additional instrumentation. The system is activated simply by pressing a button on each optic.



Double SMA optic

- Optical synchronisation channel selector
- random AND or first 2 optics
- 10-30V DC supply voltage.
- 10-30V AC/DC supply voltage.



PERFORMANCE

- Random delay
- Crossed beams
- Fog disqualification
- Random AND-OR or first two beams
- Exclusion of beam 1 or first 2
- Optical synchronisation
- Anti-mask with OC signalling
- Anti-crawl
- Adjustable crossing time
- 4 optical synchronisation channels
- LED inhibition
- RS485 connection

X4 SERIES WALL-MOUNTED INFRARED BARRIERS



30008567 SINGLE INFRARED BARRIER WITH 4 DUAL BEAMS, HEIGHT 1.5M
 Single infrared barrier, with 4 TX beams and 4 RX beams, in housing for floor- or wall mounting with related accessories (not included), height 1.5 metres, maximum range 100 metres with unobstructed view, supply voltage 12-16V DC, consumption 135mA, TX and RX cable synchronisation required, wiring accessories for IP65 waterproof outdoor installation, operating temperature -25 to +65°C with thermostat control 50W 24V AC, output relay for alarm, tampering and exclusion.



30008568 SINGLE INFRARED BARRIER WITH 4 DUAL BEAMS, HEIGHT 2M
 Single infrared barrier, with 4 TX beams and 4 RX beams, in housing for floor- or wall mounting with related accessories (not included), height 2 metres, maximum range 100 metres with unobstructed view, supply voltage 12-16V DC, consumption 135mA, TX and RX cable synchronisation required, wiring accessories for IP65 waterproof outdoor installation, operating temperature -25 to +65°C with thermostat control 50W 24V AC, output relay for alarm, tampering and exclusion.



30008546 SINGLE INFRARED BARRIER WITH 4 TX BEAMS, HEIGHT 1.5M
 Single terminal infrared barrier, with 4 TX beams, in housing for floor- or wall mounting with related accessories (not included), height 1.5 metres, maximum range 100 metres with unobstructed view, supply voltage 12-16V DC, consumption 135mA, TX and RX cable synchronisation required, wiring accessories for IP65 waterproof outdoor installation, operating temperature -25 to +65°C with thermostat control 50W 24V AC, output relay for alarm, tampering and exclusion.



30008547 SINGLE INFRARED BARRIER WITH 4 RX BEAMS, HEIGHT 1.5M
 Single terminal infrared barrier, with 4 RX beams, in housing for floor- or wall mounting with related accessories (not included), height 1.5 metres, maximum range 100 metres with unobstructed view, supply voltage 12-16V DC, consumption 135mA, TX and RX cable synchronisation required, wiring accessories for IP65 waterproof outdoor installation, operating temperature -25 to +65°C with thermostat control 50W 24V AC, output relay for alarm, tampering and exclusion.



30008548 SINGLE INFRARED BARRIER WITH 4 TX BEAMS, HEIGHT 2M
 Single terminal infrared barrier, with 4 TX beams, in housing for floor- or wall mounting with related accessories (not included), height 2 metres, maximum range 100 metres with unobstructed view, supply voltage 12-16V DC, consumption 135mA, TX and RX cable synchronisation required, wiring accessories for IP65 waterproof outdoor installation, operating temperature -25 to +65°C with thermostat control 50W 24V AC, output relay for alarm, tampering and exclusion.



30008549 SINGLE INFRARED BARRIER WITH 4 RX BEAMS, HEIGHT 2M
 Single terminal infrared barrier, with 4 RX beams, in housing for floor- or wall mounting with related accessories (not included), height 2 metres, maximum range 100 metres with unobstructed view, supply voltage 12-16V DC, consumption 135mA, TX and RX cable synchronisation required, wiring accessories for IP65 waterproof outdoor installation, operating temperature -25 to +65°C with thermostat control 50W 24V AC, output relay for alarm, tampering and exclusion.

MOUNTINGS AND ACCESSORIES, SERIES X3 AND X4



30008531 POST-MOUNTING BRACKET FOR BARRIERS

Post-mounting bracket for barriers, art. 30008561, 30008562, 30008563, 30008564, 30008567, 30008568, 30008546, 30008547, 30008548 and 30008549.



30008532 WALL-MOUNTING BRACKET FOR BARRIERS

Wall-mounting bracket for barriers, art. 30008561, 30008562, 30008563, 30008564, 30008567, 30008568, 30008546, 30008547, 30008548 and 30008549 (pack of 2).



30008538 BARRIER MOUNTING-POST, HEIGHT 1M

Floor-anchored post, height 1 metre, for mounting barriers art. 30008561, 30008562, 30008563, 30008564, 30008567, 30008568, 30008546, 30008547, 30008548 and 30008549.



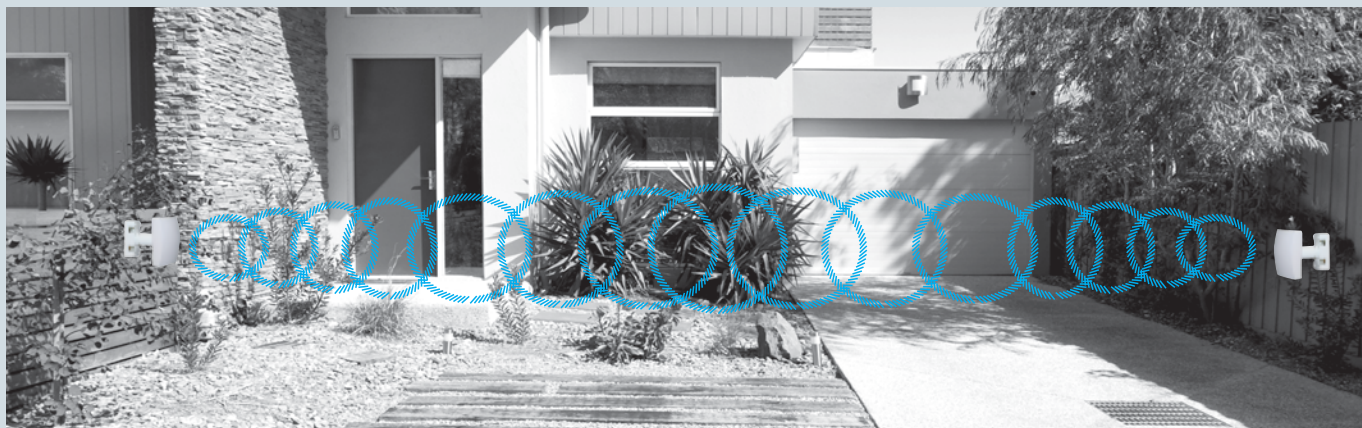
30008539 BARRIER MOUNTING-POST, HEIGHT 2M

Floor-anchored post, height 2 metres, for mounting barriers art. 30008561, 30008562, 30008563, 30008564, 30008567, 30008568, 30008546, 30008547, 30008548 and 30008549.



30008534 POWER SUPPLY UNIT FOR BARRIERS, IN METAL ENCLOSURE

Power supply unit/transformer in metal enclosure, 220V AC input, 13.8V DC / 2.5A and 24V AC / 300VA outputs, for batteries max. 17Ah.



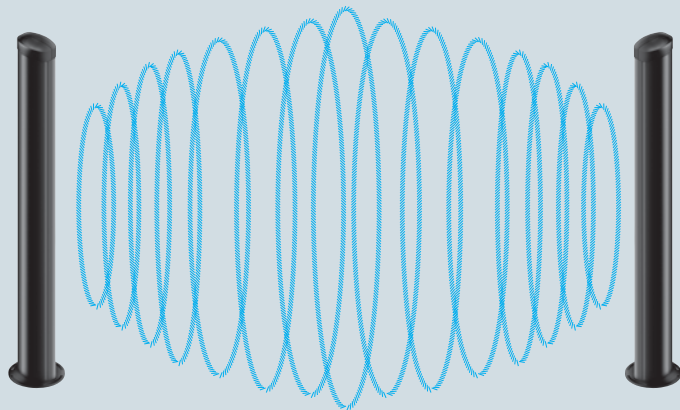
M1 SERIES MICROWAVE BARRIERS



- 30008051 PAIR OF 10,525 GHZ MICROWAVE BARRIERS**
Pair of Microwave barriers formed by TX and RX 10,525 GHz modulated to 1 KHz, in housing for pole/wall mounting complete with support and joint, selectable range from 30 to 200 metres with unobstructed view, supply voltage 12 to 30V DC, consumption RX 20mA @ 12V DC, TX 20mA @ 12V DC, wiring accessories for IP64 waterproof outdoor installation, operating temperature -40 to +60°C, output relay for alarm and tampering, dimensions 260x210x85mm without identical supports for both TX and RX, weight per unit 2kg.



- 30008052 BARRIER PAIR CALIBRATION TOOL**
Digitool for alignment and on-site calibration of MW barrier pair art. 30008051.



M2 SERIES MICROWAVE BARRIERS



30008501 PAIR OF MICROWAVE BARRIERS, HEIGHT 1M

Pair of Microwave barriers formed by TX and RX in Band K at 24 GHz with 4 selectable channels, in container for mounting on the ground or in pocket art. 30008533, height 1 metre, width 250mm, depth 200 mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with internal 13.8V DC / 2.5A power supply unit and compartment for battery up to 7Ah, consumption 200mA RX, 200mA TX, completely wired and with an internal tool for on-site alignment and adjustment of sensitivity and continuous delay, wiring accessories for IP54 waterproof external installation, operating temperature -25 to +50°C, output relay for alarm and tampering.



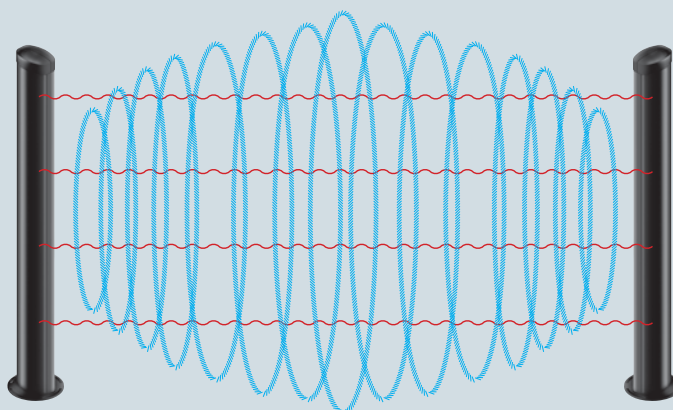
30008502 PAIR OF MICROWAVE BARRIERS, HEIGHT 1.5M

Pair of Microwave barriers formed by TX and RX in Band K at 24 GHz with 4 selectable channels, in container for mounting on the ground or in pocket art. 30008533, height 1.5 metres, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with internal 13.8V DC / 2.5A power supply unit and compartment for battery up to 7Ah, consumption 200mA RX, 200mA TX, completely wired and with an internal tool for on-site alignment and adjustment of sensitivity and continuous delay, wiring accessories for IP54 waterproof external installation, operating temperature -25 to +50°C, output relay for alarm and tampering.



30008503 PAIR OF MICROWAVE BARRIERS, HEIGHT 2M

Pair of Microwave barriers formed by TX and RX in Band K at 24 GHz with 4 selectable channels, in container for mounting on the ground or in pocket art. 30008533, height 2 metres, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with internal 13.8V DC / 2.5A power supply unit and compartment for battery up to 7Ah, consumption 200mA RX, 200mA TX, completely wired and with an internal tool for on-site alignment and adjustment of sensitivity and continuous delay, wiring accessories for IP54 waterproof external installation, operating temperature -25 to +50°C, output relay for alarm and tampering.



M3 SERIES DUAL-TECHNOLOGY BARRIERS



30008522 PAIR OF DUAL-TECHNOLOGY BARRIERS, HEIGHT 1.5M

Pair of dual technology barriers, containing Microwave barrier formed by TX and RX in Band K at 24 GHz with 4 selectable channels and an infrared barrier, with 3 TX beams and 3 RX beams, in container for mounting on the ground or in pocket art. 30008533, height 1.5 metres, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with internal 13.8V DC / 2.5A power supply unit and compartment for battery up to 7Ah, consumption 300mA RX, 300mA TX, TX and RX cable synchronisation required for the infrared part, completely wired and with an internal tool for on-site alignment for both Microwave and Infrared parts with adjustment of sensitivity and continuous delay, wiring accessories for IP54 waterproof external installation, operating temperature from -25 to +50°C with thermostat control 45W 24V AC, separate MW and IR alarm output relay, tampering and exclusion for IR.



30008523 PAIR OF DUAL-TECHNOLOGY BARRIERS, HEIGHT 2M

Pair of dual technology barriers, containing Microwave barrier formed by TX and RX in Band K at 24 GHz with 4 selectable channels and an infrared barrier, with 4 TX beams and 4 RX beams, in container for positioning on the ground or in pocket art. 30008533, height 1.5 metres, width 250mm, depth 200mm, maximum range 250 metres with unobstructed view, supply voltage 220V AC with internal 13.8V DC / 2.5A power supply unit and housing for battery up to 7Ah, consumption 300mA RX, 300mA TX, TX and RX cable synchronisation required for the infrared part, completely wired and with an internal tool for on-site alignment for both Microwave and Infrared parts with adjustment of sensitivity and continuous delay, wiring accessories for IP54 waterproof external installation, operating temperature from -25 to +50°C with thermostat control 45W 24V AC, separate MW and IR alarm output relay, tampering and exclusion for IR.



30008533 POCKET FOR X1, X2, M2, M3 BARRIERS

Modular pocket for X1, X2, M2 and M3 outdoor barriers with floor adjustment.



TECHNOLOGICAL DETECTORS



- 30099002 CEILING-MOUNTED PHOTOELECTRIC SMOKE DETECTOR**
Ceiling-mounted photoelectric smoke detector, detection area 20 sq.m, supply voltage 12V DC, consumption 300mA in standby, 30mA in alarm, NO/NC potential-free contact, dimensions 115x115x50mm.



- 30099003 CEILING-MOUNTED TEMPERATURE SENSOR**
Ceiling-mounted temperature sensor, trigger temperature 70°C (5%), supply voltage 12V DC, NO/NC potential-free contact, dimensions 115x115x50mm.



- 30009004 NATURAL GAS DETECTOR**
Natural GAS (methane) detector, combustible gas detection standard GB15322-2003, white ABS enclosure, gas concentration 8% LEL (4000ppm), stability and repeatability +/- 3 LEL, supply voltage 12V DC, consumption 60mA in standby and 100mA in alarm, output relay C/NC/NO, buzzer 75dB at 1 metre, operating temperature from -10 to +55°C, diameter 115mm x depth 51mm.



- 30009006 CARBON MONOXIDE DETECTOR**
Carbon monoxide detector, combustible gas detection standard GB15322-2003, white ABS enclosure, gas concentration 150ppm, gas concentration error +/- 80 ppm, supply voltage 12V DC, consumption 110mA in standby and 150mA in alarm, output relay NC/NO selected via jumper, buzzer 85dB at 1 metre, operating temperature from -10 to +55°C, dimensions 70x115x44mm.



- 30009009 FLOODING DETECTOR**
Flooding detector, white ABS enclosure, supply voltage 12V DC, consumption 20mA in alarm, 15mA in standby, max. length of external terminals 35mm, selectable NC/NO relay output, option of connecting 8 remote sensors at a max. distance of 100 metres, dimensions 60x90x25mm.



- 30009101 PROXIMITY SENSOR**
Proximity sensor, ideal for detecting approaches to protective equipment or structures, adjustable range from 0.3 to 8 metres, detection angle 110°, min. distance between multiple sensors 0.5 metres, warm-up time 2 minutes, reaction time 1 second, supply voltage 9 to 16V DC, consumption 4.5mA in standby and 23mA in alarm, operating temperature from -15 to +60°C, dimensions 55x105x26mm.



- 30009091 3/4" GAS SOLENOID VALVE FOR DOMESTIC USE**
3/4" gas solenoid valve for domestic use, max. pressure 50kPa/7psi, explosion resistance Exmb T4, activation voltage from 9 to 12V DC, pulse or manual activation, activation time less than 1 second, manual reset, cable length 0.4 metres, brass and plastic enclosure, NBR gasket, operating temperature from -10 to +50°C.

- 30009092 1/2" GAS SOLENOID VALVE FOR DOMESTIC USE**
1/2" gas solenoid valve for domestic use, max. pressure 50kPa/7psi, explosion resistance Exmb T4, activation voltage from 9 to 12V DC, pulse or manual activation, activation time less than 1 second, manual reset, cable length 0.4 metres, brass and plastic enclosure, NBR gasket, operating temperature from -10 to +50°C.



- 30008534 POWER SUPPLY UNIT FOR BARRIERS, IN METAL ENCLOSURE**
Power supply unit/transformer in metal enclosure, 220V AC input, 13.8V DC / 2.5A and 24V AC / 300 VA outputs, for batteries max. 17Ah.



- 21022508 PSU 4-MODULE DIN RAIL MOUNTING FOR ALARM CONTROL PANEL**
Power supply unit for DIN-rail mounting (4 modules) for alarm control panel art.21047234, parallelable, self-protected, 12V DC / 2A, each PSU is capable of supplying up to 2A, equipped with output relay contact for signalling malfunctions, dimensions 71x90x58mm (4 modules).



- 21022510 13.8V DC / 2A PSU, SMALL METAL ENCLOSURE**
Metal enclosure complete with 230V AC/13.8V DC - 2.0A power supply and compartment for max 7Ah battery, with anti-opening tamper; Dimensions: 300x350x80mm.



- 30002001 13.8V DC / 1.5A POWER SUPPLY UNIT IN METAL ENCLOSURE**
Metal enclosure complete with 230V AC/13.8V DC - 2.0A power supply and compartment for max 7Ah battery, with anti-opening tamper; Dimensions: 300x350x80mm.



- 30002002 13.8V DC / 3A POWER SUPPLY UNIT IN METAL ENCLOSURE**
Metal enclosure complete with power supply unit, input voltage 230V AC, output voltage 13.8V DC, maximum output current 1.5A, with compartment for 7Ah or 15Ah battery, with anti-opening tamper. Dimensions 315x440x95mm.



- 30002003 13.8VDC / 5A POWER SUPPLY UNIT IN METAL CASE**
Metal enclosure complete with power supply unit, input voltage 230V AC, output voltage 13.8V DC, maximum output current 5A, with compartment for 7Ah or 15 Ah battery, with anti-opening tamper. Dimensions 315x440x95mm.



- 30076101 OPEN FRAME SWITCHING POWER SUPPLY UNIT 13.8V DC / 1.5A**
Open Frame switching power supply unit, PB battery charger input 90-260V AC 50/60Hz output 13.8V DC / 1.5A.



- 30076102 OPEN FRAME SWITCHING POWER SUPPLY UNIT 13.8V DC / 3A**
Open Frame switching power supply unit, PB battery charger input 90-260V AC 50/60Hz output 13.8V DC / 3A.



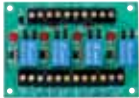
- 30076103 OPEN FRAME SWITCHING POWER SUPPLY UNIT 13.8V DC / 5A**
Open Frame switching power supply unit, PB battery charger input 90-260V AC 50/60Hz output 13.8V DC / 5A.

TECHNOLOGICAL DETECTORS



30002008 **CARD FOR 1 RELAY, LOW CONSUMPTION 1A**

Card for 1 powered at 12V DC, consumption 23mA, free exchange output, independently selectable NC/NO, maximum contact capacity 3A.



30002009 **CARD FOR 4 RELAYS, LOW CONSUMPTION 1A**

Card with 4 relays powered at 12V DC, consumption 23mA, free exchange output, independently selectable NC/NO, maximum contact capacity 3A.

BATTERIES



- 20022202 LITHIUM BATTERY FOR RADIO SENSOR**
CR2477 3V replacement lithium battery for radio sensors art. 21047126, 21047127, 21047128 and 30043305.



- 20022203 RADIO SIREN BATTERY**
Replacement 13.5Ah 7.2V lithium battery for radio siren.



- 20022204 BATTERY FOR BATTERY-POWERED WIRED SIREN**
2.0Ah 12V replacement lead battery for battery-powered siren.



- 30076001 12V DC / 1.1AH LEAD BATTERY**
12V DC / 1.1Ah lead battery



- 30076003 12V DC / 7AH LEAD BATTERY**
12V DC / 7 Ah lead battery



- 30076004 12V DC / 15AH LEAD BATTERY**
12V DC / 15Ah lead battery



30076007 **SHIELDED CABLE 4x0.22SQ.MM**
4x0.22sq.mm shielded cable for anti-intrusion systems 100m coils



30076008 **SHIELDED CABLE 2x0.50 + 2x0.22SQ.MM**
2x0.5 + 2x0.22sq.mm shielded cable for anti-intrusion systems. 100m coils



30076009 **SHIELDED CABLE 2x0.50 + 4x0.22SQ.MM**
2x0.5 + 4x0.22sq.mm shielded cable for anti-intrusion systems. 100m coils



30076010 **SHIELDED CABLE 2x0.50 + 6x0.22SQ.MM**
2x0.5 + 6x0.22sq.mm shielded cable for anti-intrusion systems. 100m coils



30076011 **SHIELDED CABLE 2x0.50 + 8x0.22SQ.MM**
2x0.5 + 8x0.22 sq.mm shielded cable for anti-intrusion systems. 100m coils

CODE	DESCRIPTION	PAGE
20022202	LITHIUM BATTERY FOR RADIO SENSOR	82
20022203	RADIO SIREN BATTERY	82
20022204	BATTERY FOR BATTERY-POWERED WIRED SIREN	82
20034607	3.5" MINITOUCH SIMPLEHOME SUPERVISOR	39
21022508	PSU 4-MODULE DIN RAIL MOUNTING FOR ALARM CONTROL PANEL	80
21022510	13.8V DC / 2A PSU, SMALL METAL ENCLOSURE	80
21047125	BATTERY-POWERED OUTDOOR SIREN; COLOUR: WHITE	45
21047129	OUTDOOR DUMMY SIREN	45
30001208	VEDO 10 CONTROL PANEL CARD	43
30001234	VEDO 34 CONTROL PANEL CARD	43
30001268	VEDO 68 CONTROL PANEL CARD	43
30001301	PLUG-IN GSM DIALLER CARD FOR VEDO SERIES CONTROL PANELS	40
30001303	PLUG-IN GSM VOICE MESSAGE CARD FOR VEDO SERIES CONTROL PANELS	40
30001445	PAL/IP IMAGE CONVERSION MODULE, PLASTIC HOUSING	40
30002001	13.8V DC / 1.5A POWER SUPPLY UNIT IN METAL ENCLOSURE	80
30002002	13.8V DC / 3A POWER SUPPLY UNIT IN METAL ENCLOSURE	80
30002003	13.8VDC / 5A POWER SUPPLY UNIT IN METAL CASE	80
30002008	CARD FOR 1 RELAY, LOW CONSUMPTION 1A	81
30002009	CARD FOR 4 RELAYS, LOW CONSUMPTION 1A	81
30002401	PLUG-IN IP COMMUNICATION CARD FOR VEDO SERIES CONTROL PANELS	40
30002501	WALL-MOUNTED PLASTIC HOUSING FOR VEDO CONTROL PANELS	43
30002502	WALL-MOUNTED METAL HOUSING FOR VEDO CONTROL PANELS	43
30002503	FLUSH-MOUNTED PLASTIC HOUSING FOR VEDO CONTROL PANELS	43
30003101	MODULE WITH 8 INPUTS / 8 LOGIC OUTPUTS, PLASTIC HOUSING	40
30003105	ISOLATOR MODULE ON BUS, PLASTIC HOUSING	40
30004019	WIRE INPUT SENSOR FOR SHUTTERS WITH ANALYSIS SYSTEM	42
30006001	SAFETOUGH KEYPAD W/ RFID READER FOR VEDO SERIES CONTROL PANELS	38
30006002	SAFEKEY KEYPAD FOR VEDO SERIES CONTROL PANELS	38
30006003	SAFEKEY KEYPAD W/ RFID READER FOR VEDO SERIES CONTROL PANELS	38
30006104	PROXIMITY READER FOR VEDO SERIES CONTROL PANELS	38
30007001	FLUSH-MOUNTED, CYLINDRICAL MAGNETIC CONTACT, BROWN PLASTIC	47
30007003	FLUSH-MOUNTED, CYLIND. MAGNET. CONTACT, BROWN PLASTIC, SHORT	47
30008001	JOINT KIT WITH CABLE DUCT	53
30008002	CURTAIN LENSES KIT FOR SENSORS	41 - 53
30008010	INFRARED VOLUMETRIC SENSOR WITH PET IMMUNITY	53
30008011	DUAL-TECHNOLOGY SENSOR	53
30008012	DUAL-TECHNOLOGY, ANTI-MASKING SENSOR	53
30008013	INTEGRATED INFRARED AND SEISMIC SENSOR	53
30008014	INFRARED SENSOR WITH COLOUR CAMERA	54
30008020	INFRARED VOLUMETRIC SENSOR WITH PET IMMUNITY AND EOL	54
30008021	DUAL-TECHNOLOGY VOLUMETRIC SENSOR WITH PET IMMUNITY AND EOL	54
30008031	INFRARED VOLUMETRIC SENSOR WITH MIRROR OPTIC, CURTAIN EFFECT	54
30008051	PAIR OF 10,525 GHZ MICROWAVE BARRIERS	75
30008052	BARRIER PAIR CALIBRATION TOOL	75
30008071	OUTDOOR DUAL-TECHNOLOGY SENSOR	59
30008074	OUTDOOR DUAL-TECHNOLOGY SENSOR	59
30008075	OUTDOOR DUAL-TECHNOLOGY, CURTAIN-LENS SENSOR	59
30008077	OUTDOOR WIDE-ANGLE DUAL INFRARED SENSOR	59
30008078	OUTDOOR CURTAIN-LENS DUAL INFRARED SENSOR	59
30008079	OUTDOOR LONG-RANGE DUAL INFRARED SENSOR	59
30008303	INDOOR/OUTDOOR DUAL-BEAM PHOTOELECTRIC SENSOR, 100/300M	61

INDEX

CODE	DESCRIPTION	PAGE
30008401	INFRARED BARRIER WITH 3 DUAL BEAMS, HEIGHT 1M, BLACK	61
30008402	INFRARED BARRIER WITH 3 DUAL BEAMS, HEIGHT 1M, WHITE	61
30008403	INFRARED BARRIER WITH 4 DUAL BEAMS, HEIGHT 1.5M, BLACK	61
30008404	INFRARED BARRIER WITH 4 DUAL BEAMS, HEIGHT 1.5M, WHITE	62
30008405	INFRARED BARRIER WITH 6 DUAL BEAMS, HEIGHT 2M, BLACK	62
30008406	INFRARED BARRIER WITH 6 DUAL BEAMS, HEIGHT 2M, WHITE	62
30008501	PAIR OF MICROWAVE BARRIERS, HEIGHT 1M	76
30008502	PAIR OF MICROWAVE BARRIERS, HEIGHT 1.5M	76
30008503	PAIR OF MICROWAVE BARRIERS, HEIGHT 2M	76
30008514	TERMINAL INFRARED BARRIER, 2-BEAM TX, HEIGHT 1M	65
30008515	TERMINAL INFRARED BARRIER, 3-BEAM TX, HEIGHT 1.5M	65
30008516	TERMINAL INFRARED BARRIER, 4-BEAM TX, HEIGHT 2M	66
30008517	TERMINAL INFRARED BARRIER, 2-BEAM RX, HEIGHT 1M	66
30008518	TERMINAL INFRARED BARRIER, 3-BEAM RX, HEIGHT 1.5M	66
30008519	TERMINAL INFRARED BARRIER, 4-BEAM RX, HEIGHT 2M	66
30008522	PAIR OF DUAL-TECHNOLOGY BARRIERS, HEIGHT 1.5M	77
30008523	PAIR OF DUAL-TECHNOLOGY BARRIERS, HEIGHT 2M	77
30008531	POST-MOUNTING BRACKET FOR BARRIERS	74
30008532	WALL-MOUNTING BRACKET FOR BARRIERS	74
30008533	POCKET FOR X1, X2, M2, M3 BARRIERS	66 - 69 - 77
30008534	POWER SUPPLY UNIT FOR BARRIERS, IN METAL ENCLOSURE	69 - 74 - 80
30008535	SPHERICAL LUMINAIRE	69
30008538	BARRIER MOUNTING-POST, HEIGHT 1M	74
30008539	BARRIER MOUNTING-POST, HEIGHT 2M	74
30008542	POST-MOUNT MASKED IR BARRIER WITH 3 DUAL BEAMS, HEIGHT 1.6M	69
30008543	POST-MOUNTED MASKED BARRIER WITH 4-DUAL-BEAM TX AND RX	69
30008546	SINGLE INFRARED BARRIER WITH 4 TX BEAMS, HEIGHT 1.5M	73
30008547	SINGLE INFRARED BARRIER WITH 4 RX BEAMS, HEIGHT 1.5M	73
30008548	SINGLE INFRARED BARRIER WITH 4 TX BEAMS, HEIGHT 2M	73
30008549	SINGLE INFRARED BARRIER WITH 4 RX BEAMS, HEIGHT 2M	73
30008561	PAIR OF INFRARED BARRIERS WITH 4 CROSS-BEAMS, HEIGHT 0.5M	71
30008562	PAIR OF INFRARED BARRIERS WITH 16 CROSS-BEAMS, HEIGHT 1M	71
30008563	PAIR OF INFRARED BARRIERS WITH 16 CROSS-BEAMS, HEIGHT 1.5M	71
30008564	PAIR OF INFRARED BARRIERS WITH 36 CROSS-BEAMS, HEIGHT 2M	71
30008567	SINGLE INFRARED BARRIER WITH 4 DUAL BEAMS, HEIGHT 1.5M	73
30008568	SINGLE INFRARED BARRIER WITH 4 DUAL BEAMS, HEIGHT 2M	73
30009004	NATURAL GAS DETECTOR	79
30009006	CARBON MONOXIDE DETECTOR	79
30009009	FLOODING DETECTOR	79
30009091	3/4" GAS SOLENOID VALVE FOR DOMESTIC USE	79
30009092	1/2" GAS SOLENOID VALVE FOR DOMESTIC USE	79
30009101	PROXIMITY SENSOR	79
30022611	SAFE MANAGER PROGRAMMING SOFTWARE	42
30032101	INDOOR PIEZO SIREN	45
30076001	12V DC / 1.1AH LEAD BATTERY	82
30076003	12V DC / 7AH LEAD BATTERY	82
30076004	12V DC / 15AH LEAD BATTERY	82
30076007	SHIELDED CABLE 4X0.22SQ.MM	83
30076008	SHIELDED CABLE 2X0.50 + 2X0.22SQ.MM	83
30076009	SHIELDED CABLE 2X0.50 + 4X0.22SQ.MM	83
30076010	SHIELDED CABLE 2X0.50 + 6X0.22SQ.MM	83

CODE	DESCRIPTION	PAGE
30076011	SHIELDED CABLE 2X0.50 + 8X0.22SQ.MM	83
30076101	OPEN FRAME SWITCHING POWER SUPPLY UNIT 13.8V DC / 1.5A	80
30076102	OPEN FRAME SWITCHING POWER SUPPLY UNIT 13.8V DC / 3A	80
30076103	OPEN FRAME SWITCHING POWER SUPPLY UNIT 13.8V DC / 5A	80
30087001	FLUSH-MOUNTED, CYLINDRICAL MAGNETIC CONTACT, WHITE PLASTIC	47
30087002	FLUSH-MOUNTED, CYLINDRICAL MAGNETIC CONTACT, BRASS	47
30087003	FLUSH-MOUNTED, CYLIND. MAGNET. CONTACT, WHITE PLASTIC, SHORT	47
30087004	FLUSH MAGNETIC CONTACT, WHITE PLASTIC, METAL FRAMES	47
30087005	SURFACE MAGNETIC CONTACT, WHITE PLASTIC WITH TERMINALS	47
30087006	SURFACE MAGNETIC CONTACT, BROWN PLASTIC WITH TERMINALS	47
30087007	SURFACE MAGNETIC CONTACT, WHITE PLASTIC WITH TERMINALS	47
30087008	SURFACE MAGNETIC CONTACT, WHITE PLASTIC WITH WIRE	47
30087009	SURFACE MAGNETIC CONTACT, WHITE PLASTIC WITH CABLE	47
30087010	SURFACE MAGNETIC POWER CONTACT, ALUMINIUM WITH CABLE	47
30087011	SURFACE MAGNETIC POWER CONTACT, ALUMINIUM WITH CABLE	47
30087012	SURFACE MAGNETIC POWER CONTACT, ALUMINIUM WITH CABLE	48
30087013	SURFACE MAGNETIC POWER CONTACT, ALUMINIUM WITH CABLE	48
30087014	SURFACE MAGNETIC POWER CONTACT, ALUMINIUM WITH CABLE	48
30087015	MAGNETIC CONTACT FOR UP-AND-OVER DOORS, ALUMINIUM	48
30087101	WIRED SENSOR FOR ROLLER SHUTTER	48
30087201	HIGH-SENSITIVITY, PLASTIC INERTIAL SENSOR	48
30087301	MICROPHONE GLASS BREAK SENSOR	48
30087401	PULSE COUNTER CARD FOR WIRED SENSOR FOR ROLLER SHUTTER	48
30087402	PULSE COUNTER CARD FOR HIGH-SENSITIVITY INERTIAL SENSOR	48
30088005	CEILING-MOUNTED PASSIVE INFRARED SENSOR	55
30088008	FLUSH-MOUNT. PASSIVE INFRARED SENSOR, 1 RESIDEN. SERIES MOD.	55
30088009	DUAL-TECHNOLOGY CURTAIN LENS SENSOR, WHITE	54
30088301	INDOOR/OUTDOOR DUAL-BEAM PHOTOELECTRIC SENSOR, 30/90M	61
30088302	INDOOR/OUTDOOR DUAL-BEAM PHOTOELECTRIC SENSOR, 60/180M	61
30088402	4-BEAM INFRARED BARRIER, HEIGHT 1.05M, WHITE	61
30088403	6-BEAM INFRARED BARRIER, HEIGHT 1.53M, BLACK	61
30088511	SINGLE INFRARED BARRIER WITH 2 DUAL BEAMS, HEIGHT 1M	65
30088512	SINGLE INFRARED BARRIER WITH 3 DUAL BEAMS, HEIGHT 1.5M	65
30088513	SINGLE INFRARED BARRIER WITH 4 DUAL BEAMS, HEIGHT 2M	65
30099002	CEILING-MOUNTED PHOTOELECTRIC SMOKE DETECTOR	79
30099003	CEILING-MOUNTED TEMPERATURE SENSOR	79
20034801B	PLANUX MANAGER 3.5" TOUCH SCREEN SUPERVISOR, BLACK	39
20034801W	PLANUX MANAGER 3.5" TOUCH SCREEN - WHITE SUPERVISOR	39
21047125C	BATTERY-POWERED OUTDOOR SIREN; COLOUR: CHROME	45
21047125G	BATTERY-POWERED OUTDOOR SIREN; COLOUR: GREY	45
30001008EN	VEDO 10 CONTROL PANEL, PLASTIC BOX, 1.5A POWER SUPPLY UNIT	37
30001034EN	VEDO 34 CONTROL PANEL, PLASTIC BOX, 1.5A POWER SUPPLY UNIT	37
30001034MEN	VEDO 34 CONTROL PANEL, METAL BOX, 1.5A POWER SUPPLY UNIT	37
30001068EN	VEDO 68 CONTROL PANEL, PLASTIC BOX, 1.5A POWER SUPPLY UNIT	37
30001068MEN	VEDO 68 CONTROL PANEL, METAL BOX, 3A POWER SUPPLY UNIT	38
30003201C	RADIO TRANSCEIVER MODULE, PLASTIC HOUSING V.2	41
30004001C	INFRARED VOLUMETRIC RADIO SENSOR WITH PET IMMUNITY V.2	41
30004010C	MAGNETIC CONTACT SENSOR WITH RADIO TRANSCEIVER V.2	41
30004011C	MAGNETIC CONTACT SENSOR WITH RADIO TRANSCEIVER V.2	41
30006011C	FOUR-CHANNEL RADIO REMOTE CONTROL V.2	42
30007011C	OUTDOOR RADIO SIREN V.2	42

INDEX

CODE	DESCRIPTION	PAGE
30007012C	INDOOR RADIO SIREN V.2	41
30088009M	DUAL-TECHNOLOGY CURTAIN LENS SENSOR, BROWN	55
6214C	SIMPLEBUS COLOR BRACKET FOR PLANUX MEMO AND PLANUX MANAGER	39
SK9050	STANDARD CARD KEY FOBS (VARIOUS COLOURS)	39

COMELIT SUPPORT

To respond to market dynamics and installer feedback, anticipating and interpreting users expectations: at Comelit these factors are just as important and strategic as the technological innovation and reliability of our products. That's why Comelit has set up and activated a network of services that confirm our role as a proactive partner capable of going beyond the standard solutions that make up our product range.



UTC

Professional telephone assistance to solve all types of problems.



SATCO

Assisted Programming

Support given to installers for testing and assistance with problem-solving of all kinds. Expert professionals covering different geographical areas and specialising in Comelit products.



Comelit Engineering

Division of Comelit Group S.p.a.

An operative division entirely dedicated to providing customers with ideal solutions for non-standard system requirements. This division develops turnkey projects, primarily for large residential, business and industrial complexes.



WEB

Comelit's website provides a comprehensive resource for consultation with technical and commercial information to assist installers. A point of reference active 24/7 and 365 days a year to obtain practical answers, request assistance, and receive advice.

www.comelitgroup.com



WHAT IS IT?

Comelit Training School is the initiative dedicated to training and refresher courses created by the company, aimed at the constant development of the professional culture within the electrical installation sector.

WHAT DOES IT OFFER?

The Comelit Training School's offering includes:

- Courses, seminars and other activities that combine theoretical content with the practical application thereof, with the following aims:
- Specialising in areas of home automation, video door entry systems, anti-intrusion and video monitoring; extending knowledge of Comelit systems and their applications, and enabling autonomous handling of the design and installation phases -providing information about the latest system solutions for optimising energy saving and adding value to property and buildings.
- Developing sales communication skills for effective handling of customer relations.

WHO IS IT AIMED AT?

Installers, architects, specifiers and electronics professionals.

HOW ARE THE COURSES RUN?

Training activities are grouped into Basic and Advanced courses.

Basic courses largely revolve around theoretical notions and the introduction of Comelit products/systems.

Advanced courses, on the other hand, focus on the practical application of installation/programming methods and exercises for identifying/resolving faults. Advanced courses, for most of their duration, also offer enjoyable occasions for social involvement and relaxation outside course hours.

COMELIT WORLDWIDE

With over fifty years' experience and commitment to constant innovation, Comelit designs and manufactures the world's best video door entry, CCTV, security and home automation systems. Despite its international stature, Comelit retains the entrepreneurial vibrancy and customer focus of a truly glocal business. Comelit products are available in more than 70 countries worldwide via the company's local technical and sales networks, and feature the guaranteed quality resulting from our field-leading technological research, continual process and application optimisation and our hallmark Italian design.



 **United States
of America**

[IT] Comelit Group Spa
Via Don Arrigoni 5
24020 Rovetta S. Lorenzo
Bergamo Italy
Tel. +39 (0) 346 750011
Fax +39 (0) 346 71436
www.comelitgroup.com - info@comelit.it

[BE] Comelit Group Belgium
Doornveld 170
1731 Zellik (Asse)
Tel. +32 24115099
Fax +32 24115097
www.comelit.be - info@comelit.be

**[DE] Comelit Group Spa - Niederlassung
Deutschland**
AM NORDPARK
Konrad-Zuse-Ring 12c
41179 Mönchengladbach
Tel. 02161 / 54 99 98 - 0
Fax 02161 / 54 99 98 - 10

**[ES] Comelit Group Spa
Sucursal en Espana**
Calle Pintor Roig i Soler, 28
08916 - Badalona (Barcelona)
Tel. +34 932 430 376
Fax +34 934 084 683
www.comelit.es - info@comelit.es

[FR] Comelit Immotec
18, rue Séjourné- 94000 CRETEIL CEDEX
Tél. +33 (0) 1 43 53 97 97
Fax +33 (0) 1 43 53 97 87
www.comelit.fr
contact@comelit-immotec.fr



 **Great Britain**

 **Ireland**

 **The Netherlands**

 **Germany**

 **France**


 **Belgium**

 **Spain**

 **Greece**

 **China**

 **United Arab Emirates**

 **Republic of Singapore**

 **Comelit®**
Passion and Innovation

[GR] Comelit Hellas - Telergo Security Ltd
Roumelis, 59
16451 Argiroupoli - Athens Greece
Tel. +30 210 99 68 605-6
Fax +30 210 99 45 560
www.comelit.gr - telergo@otenet.gr

[NL] Comelit The Netherlands BV
Buitendijks 1-3356 LX Papendrecht
Tel. +31 786511201
Fax +31 786170955
www.comelit.nl - info@comelit.nl

[SG] Comelit South East Asia Pte Ltd
Block 1002, Nr. 06-1407
Toa Payoh Industrial Park
Singapore 319074
Tel. +65-6352 3456
Fax +65-6352 8557
office@comelit.sg

[GB] Comelit Group UK Ltd
Unit 4 Mallow Park Watchmead
Welwyn Garden City Herts AL7 1GX
Tel: +44 (0)1707377203
Fax: +44 (0)1707377204
www.comelitgroup.co.uk
info@comelitgroup.co.uk

[IE] Comelit Ireland
Ground Floor
14 Herbert Street - Dublin 2
Tel. +353 (0) 1 619 0204
Fax +353 (0) 1 619 0298
www.comelit.ie - info@comelit.ie

[CN] Comelit (Shanghai) Electronics Co., Ltd
5 Floor No. 4 Building No.30,
Hongcao Road, Hi-Tech Park Caohejing,
Shanghai, China
Tel. +86-21-64519192/9737/3527
Fax +86-21-64517710
www.comelit.com.cn
comelit@comelit.com.cn

[AE] Comelit Group U.A.E. Middle East Office
P.O. Box 54433
Dubai U.A.E.
Tel. +971 4 299 7533
Fax +971 4 299 7534
www.comelit.ae - info@comelit.ae

[US] Comelit Usa
2021 S. Myrtle Avenue
Monrovia, CA 91016
Tel. +1 626 930 0388
Fax +1 626 930 0488
www.comelitusa.com
sales@comelitusa.com







Via Don Arrigoni 5 - 24020 Rovetta S. Lorenzo - Bergamo [Italy]
Tel. +39 (0) 346 750011 - Fax +39 (0) 34671436
www.comelitvedo.com - www.comelitgroup.com - export.department@comelit.it



Doc. 1000259

Cat. 139

8 1023903 266245