



Catalogue
Intrusion detection line

2022

Expertise

We are always at your side, with commitment and experience in the products' design and selection and with the installation, management and maintenance of the system.

Our areas of intervention



Residential



Industrial



Retail



Business

Since 1975 the company has worked at national and international level in the field of security by designing, producing and supplying intrusion prevention, fire prevention, video surveillance and access control systems.



TECHNOLOGICAL INNOVATION: our internal R&D team has created highly innovative products and such tradition has continued in today's new devices.



SYSTEM DESIGN: our System Design team supports you in the project design phase and can offer proposals for supply specifications, bills of quantities, technical reports and operating diagrams.



INTEGRATED SYSTEMS: our lines (intruder alarms, fire alarms, CCTV and access control) are intertwined and the ease of central management is guaranteed by a unified environment of supervision and configuration.



Our certifications: a path to excellence

www.elmospa.com/en/about-us/certifications

EL.MO. firmly believes in the quality of its products and in its working approach. It boasts specific certifications, awarded by distinguished external bodies.

Contents

Wireless control units	5	Infrared linear detectors	58
- Villeggio NG-TRX series two-way wireless control units.....	5	- Outdoor IR linear detectors.....	58
- Hercola wireless control unit.....	8	- Indoor IR linear detectors.....	58
Wired control units	9	- Accessories.....	59
- Pregio control units.....	9	Perimeter protections	61
- Proxima series control units.....	13	- Magnetic contacts.....	61
- Titania series control units.....	16	- Sensors and buttons.....	63
Control devices	18	- Seismic detectors.....	65
- Keypads.....	18	- Trasmittitori perimetrali.....	65
- Key points.....	20	Fog system	69
- Proximity readers.....	20	- NEBULA fog system.....	69
- Additional state indicators.....	22	Devices for sanitation	71
- Adapters for I8, I66, IZENITH, PASSLIGHT readers.....	22	- NEBUCLEAN sanitizing fog systems.....	71
- Proximity keys.....	23	- Accessories for NEBUCLEAN line.....	72
- Remote controls.....	24	- Ozone generator.....	72
- Electronic keys.....	26	Sirens and accessories	73
Concentrators	27	- Wireless outdoor sirens.....	73
- Wired concentrators with TERABUS interface.....	27	- ULTRABUS outdoor sirens.....	73
- Wired concentrators.....	28	- Wired outdoor sirens.....	75
- Wireless concentrators.....	29	- Wired indoor sirens.....	76
- Concentrators for medical alarm and analog values.....	30	- Optical-acoustic device.....	77
- Accessories for concentrators.....	30	- Accessories for sirens.....	77
Modules and interfaces	31	Remote alarms for mobile network	78
- Communication modules.....	31	- Telephone diallers.....	78
- Modules for home & building automation interfacing.....	34	- Sickness signalling kit.....	79
- Serial modules and interfaces.....	34	Power supply	80
- Wireless modules.....	35	- Power supply units.....	80
- Fire detection interface.....	36	- Power supply groups.....	81
- Various circuits.....	36	- Power supply unit cases.....	81
Access control interfaces	37	Software and accessories	82
- Controller.....	37	- GlobalPro.....	82
- MIFARE 13.56 MHz line.....	37	- BrowserOne Enterprise.....	84
- EM 125 kHz line.....	39	- Supervision software.....	85
Intrusion detectors	41	- e-Connect system.....	85
- Wireless detectors.....	41	- Accessories.....	85
- Wired detectors.....	46	Batteries	86
- RS-485 ULTRABUS detectors.....	51	- Batteries for wireless systems.....	86
- Accessories for detectors.....	54	- AGM Batteries.....	87
- Kit for protection against removal.....	55	Compatibility charts	88
Special detectors	56	- Control units vs. devices compatibility.....	88
- Gas, smoke, temperature detectors.....	56	- Detectors vs. accessories compatibility.....	89
- Flood detectors.....	57	Sales conditions	90
		Alphabetical index	94

Please notice that product codes are indicated under commercial codes (please remind to use commercial codes for your orders). For warranty and reparation conditions, please refer to Sales Conditions at the end of this catalogue.

Key to the symbols



IMQ certified product



Product equipped with RS-485 TERABUS interface



Product programmable via PC



Standard wired product



Traditional wireless product



Product compatible with e-Connect



Product equipped with RS-485 ULTRABUS interface



NG-TRX wireless product



INCERT certified product

Wireless control units

Villeggio NG-TRX series two-way wireless control units

Common features

Max. no. of users: 32.

Areas/sectors: 4 areas with 4 sectors each / 2 areas with 8 sectors each / 1 area with 16 sectors.

User interface: Customizable B/W Graphic LCD display 128x65 with RGB backlight; 20-rubber-key backlit keypad; proximity key reader at the centre of the sector keys.

Wireless interface: 3 channels settable via browser for digital transmissions on 868.120 MHz, 868.820 MHz and 869.525 MHz frequencies for LPD devices.

Wireless range: From 400 m to 2000 m with clear line of sight.

History log capacity: 1000 events.

Phone dialler: Phone numbers, 16 numbers for voice calls, 2 numbers for digital calls, 4 numbers for remote assistance, 1 number for switchboard bypass.

Voice synthesis: Voice synthesis module with 64 recordable messages.

Internal buzzer: low-consumption on-board piezo buzzer.

Housing: Plastic housing protected against opening and removal, white colour.

Protection class: IP3X.

Working temperature: -10 / +55°C.

Battery: PACK 1 supplied.

Dimensions: W 268 × H 210 × D 63 mm.

Weight: 0.99 kg with wall mount bracket.

Power supply: 110-240Vac 50Hz from mains (MDPOWER module supplied).

Current draw: 35 mA with armed control unit, 27 mA with disarmed control unit.

Certifications: IMQ-Security Systems EN 50131-3, EN 50131-5-3, EN 50131-6, EN 50131-10 grade 2, environmental class II.

Available models

VIDOMO2K

CWVIL0101900 
 CWVIL0101901 
 CWVIL0101904 
 CWVIL0101905 
 CWVIL0101906 
 CWVIL0101907 



NG-TRX intrusion detection control unit with 64 wired/wireless zones with ULTRABUS interface

Compatibility: NG-TRX wireless devices, traditional wireless devices, wired devices, ULTRABUS devices.

On-board zones: 8 on-board wired zones or 16 zones (with split function, by reducing wireless zones) that can be defined as radio zones or as NO, NC, balanced, split, extended split, triple-balanced zones. Expandable using RIVER concentrators via ULTRABUS.

Max. no. of supported zones: 64 freely configurable as wireless, wired or ULTRABUS zones. Wireless zones can be managed by the on-board radio module and/or by RIVER-RF concentrators or GATEWAY2K via ULTRABUS.

On-board outputs: Connector with 8 outputs for ETRREL modules. Fuse-protected DC12V sensor supply output. Programmable relay alarm output with free-from-potential C-NO-NC contacts with 3A capacity at AC24V.

Number of supported outputs (max): 64.

Compatible optional modules: MDGSMI/MDGSME (GSM/GPRS module), MD4GI/MD-4GE (4G LTE module), MDLAN (LAN module), MDWIFI (Wi-Fi module).

Control devices: 16 control devices on ULTRABUS, of which up to 4 advanced keypads (KARMA/AURA) for each control unit.





Built-in interfaces: 1 × ULTRABUS RS-485 to connect to compatible devices.

Connectors: MINIDIN for programming, remote control (CP8/ SER2 cable required), connection to ETREIB interface via CP8/ SER2 cable to connect to konnex standard systems. MINIUSB for programming, remote control, firmware update in simplified mode. Connector for I66 remote proximity readers.

Functions: Built-in temperature sensor with thermostat function. Optional wireless temperature sensor MDTEMP. Daily/weekly chronothermostat function with boiler block detection. Control of up to 15 wireless sirens and 15 configurable actuators.

Wireless control units

VICOMPACT2K (ONE)

CWVIL0102600 
 CWVIL0102601 
 CWVIL0102604 
 CWVIL0102605 
 CWVIL0102606 
 CWVIL0102607 



NG-TRX intrusion detection control unit with 32 wired/wireless zones with built-in One line GSM/GPRS module and LAN and WI-Fi predisposition

Compatibility: NG-TRX wireless devices, traditional wireless devices, wired devices. **On-board zones:** 2 on-board wired zones (reducing wireless zones), not expandable. The on-board zones can be defined as radio zones or as NO, NC, balanced, triple-balanced zones. **Max. no. of supported zones:** 32 total wireless zones can be managed by the on-board radio module (not expandable). **On-board outputs:** 2 programmable outputs. Connector with 2 outputs for ETRREL4 module. Fuse-protected DC12V sensor supply output. 1 programmable relay alarm output with free-from-potential C-NO-NC contacts with 3A capacity at AC24V. **Connectors:** MINIUSB for programming, remote control, firmware update in simplified mode. Connector for I66 remote proximity readers. **Compatible optional modules:** MDLAN (LAN module), MDWIFI (Wi-Fi module). **Built-in interfaces:** One line GSM/GPRS module for connection to the control unit via GSM, connection to the e-Connect platform, voice transmission and digital transmission with ContactID, Fast Format and SIA IP Reporting (TCP-2007) protocols. **Functions:** Built-in temperature sensor with thermostat function. Optional wireless temperature sensor MDTEMP. Daily/weekly chronothermostat function with boiler block detection.

VICOMPACT2K (4G ONE)

CWVIL0102700



VICOMPACT2K control unit with built-in One line 4G module

Compatible optional modules: MDLAN (LAN module), MDWIFI (Wi-Fi module). **Built-in interfaces:** One line LTE module for connection to the control unit via 4G, connection to the e-Connect system, voice and digital transmission with ContactID, Fast Format and SIA IP Reporting protocols (TCP-2007).

Accessories for Villeggio control units

IBOX

AWMDP0000100



Accessory for flush-mount installation of VILLEGGIO control units on to standard walls (optional)

Weight: 0.42 kg (packed product).

CIBOX

AWMDP0000200



Accessory plastic cover for IBOX. Fixing screws supplied

IBOX10

K1KBP0000100












10-pc kit IBOX

CIBOX10

K1KBP0000200

10-pc kit CIBOX

Compatible modules for Villeggio NG-TRX control units







Accessories	MDPSTN	MDNTP	MDGSMI	MDGSMI (One)	MDGSME	MDGSME (One)
						
	PSTN module	NTP module	GSM/GPRS module with antenna	GSM/GPRS module with antenna	GSM/GPRS module with external antenna (not included)	GSM/GPRS module with external antenna (not included)
VIDOMO2K	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
VICOMPACT2K (One)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	-	-
VICOMPACT2K (4G One)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-	-
Accessories	GSMEXA15	GSMEXA2	MD4GI (One)	MD4GE (One)	ANT4GEXA15	ANT4GEXA2
						
	GSM antenna with 15 m cable	GSM antenna with 2 m cable	4G module with built-in antenna	4G module with external antenna (not included)	4G antenna with 15 m cable	4G antenna with 2 m cable
VIDOMO2K	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
VICOMPACT2K (One)	-	-	-	-	-	-
VICOMPACT2K (4G One)	-	-	<input checked="" type="checkbox"/>	-	-	-
Accessories	MDLAN	MDGPSE	MDANT1	MDANT2	MDPOWER	MDPOWER24
						
	LAN module	GPS module	GPS antenna for MDGPSE module	GPS + GSM antenna that can be connected to MDGPSE and MDGSME modules	Power supply module	DC24V power supply unit
VIDOMO2K	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
VICOMPACT2K (One)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
VICOMPACT2K (4G One)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Accessories	MDWIFI	MDTEMP	PACK1	PACK2		
						
	Wi-Fi module	Wireless temperature sensor	Standard battery pack (2-4 years life)	Standard battery pack (6-8 years life)		
VIDOMO2K	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
VICOMPACT2K (One)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
VICOMPACT2K (4G One)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

For VICOMPACT2K code CWVIL0102600, the GSM 2G module is integrated.

For VICOMPACT2K code CWVIL0102700, the GSM 4G module is integrated.

Hercola wireless control unit

HERCOLA (ONE)




- CWHRC0000500 
- CWHRC0000501 
- CWHRC0000504 
- CWHRC0000505 
- CWHRC0000506 
- CWHRC0000507 



Wireless intrusion detection control unit with 32 wireless zones with built-in One line GSM module and Wi-Fi predisposition

- Compatibility:** traditional wireless devices, wired devices.
- On-board zones:** 2 wired zones, up to 32 wireless zones.
- On-board outputs:** alarm relay outputs with C-NO-NC contacts, 3A@AC24V capacity. Programmable. Detectors 12V power output protected by fuse. Terminals for siren control and powering.
- Max. no. of users:** 32.
- Areas/sectors:** 4 areas with 4 sectors each / 2 areas with 8 sectors each / 1 area with 16 sectors.
- User interface:** B/W Graphic LCD display 128x65 with RGB backlight.
- Remote controls:** it can be managed remotely using ATLANTE remote controls.
- Compatible optional modules:** MDWIFIH (Wi-Fi module).
- Built-in interfaces:** Built-in One line GSM/GPRS module, for connection to the e-Connect system, voice and digital transmission with ContactID, Fast Format and SIA IP Reporting protocols (TCP-2007).
- Connectors:** ETRREL4 and I66; MINIUSB for configuration, remote control and firmware upgrade in simplified mode.
- Wireless interface:** low-consumption receiver with built-in antenna, FM 434.525 MHz, compliant with EN300220 (class 2) and EN50131; low-consumption receiver with built-in antenna, AM 868.300 MHz, compliant with EN300220 and EN50131.
- Wireless range:** Up to 120 m with clear line of sight, subject to limitations due to environmental conditions.
- Event log:** 1000 events.
- Phone dialler:** via built-in One line GSM/GPRS module. 16 numbers for voice calls, 2 numbers for digital calls.
- Voice synthesis:** 64 messages can be recorded using microphone and speaker; programmable via USB. Total time: 8 minutes.
- Internal buzzer:** low-consumption on-board piezo buzzer.
- Functions:** weekly programmer. Integrated chronothermostat function, with boiler block detection and remote control via SMS or e-Connect.
- Housing:** plastic housing protected against opening and removal.
- Protection class:** IP3X.
- Working temperature:** +5 / +40 °C.
- Battery:** DC12V/800mAh Pb battery (supplied).
- Dimensions:** W 237 × H 195 × D 61 mm.
- Weight:** 0.73 kg.
- Power supply:** 110-240Vac 50Hz from mains. 1A power supply unit.
- Current draw:** 34 mA max.
- Standards:** compliant to EN 50131-3 grade 1, environmental class I.

Compatible modules with HERCOLA control units

Accessories	MDWIFIH	MDGSMI (One)	MDTEMP
			
	Wi-Fi module	GSM/GPRS module with antenna	Wireless temperature sensor
HERCOLA (One)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

For HERCOLA with code CWHRC00005, the GSM module is integrated.

Wired control units

Pregio control units

Common features

Compatibility: wired devices, RS-485 ULTRABUS devices, NG-TRX wireless devices (using GATEWAY2K) and traditional wireless devices (using RIVERRF/RIVERRFPLUS).

On-board zones: 8 wired zones (16 with split function) expandable using GATEWAY2K or RIVER series concentrators via ULTRABUS (RS-485).

Areas/sectors: 4 areas with 4 sectors each / 2 areas with 8 sectors each / 1 area with 16 sectors.

Control devices: 16 control devices on serial line choosing among keypads, control points, proximity key readers, additional state indicators among which 4 advanced keypad maximum (KARMA / AURA) for each control unit.

Wireless devices management: using RIVERRF/RIVERRFPLUS (traditional wireless devices) and GATEWAY2K (NG-TRX wireless).

Built-in interfaces: 1 ULTRABUS RS-485 serial line.

Connectors: MiniUSB connector for programming, firmware update and management from PC.

History log capacity: 1000 events.

Voice synthesis: built-in voice synthesis with 4 predefined messages (extended to 64 with MDVOICE64 optional board).

Functions: Interfacing to e-Connect. Internal clock with backup battery and weekly programmer.

Protection class: IP3X.

Working temperature: -10 / +40°C.

Available models

PREGIO2000

CCPRG0100200 
 CCPRG0100201 
 CCPRG0100204 
 CCPRG0100205 
 CCPRG0100206 
 CCPRG0100207 



Hybrid wired/wireless control unit with 104 zones in metal case

Max. no. of supported zones: 104.

On-board outputs: 1 programmable output (max 100mA). 12V fuse-protected power output for detectors. 1 programmable relay alarm output (max 3A). Connector for 8-output ETRREL board. Terminals for sirens control and powering.

Number of supported outputs (max): 104 (using optional relay modules on RIVER concentrators) programmable and remotely controllable.

Max. no. of users: 64.

Slots for optional modules: 1 slot for MDGSM/MD4GE module + 1 slot for either MDPSTN or MDNTP + 1 slot for MDLAN module.

Compatible optional modules: MDGSM (GSM/GPRS module with external antenna), MD4GE (4G LTE module with external antenna), MDLAN (LAN module), MDPSTN (module for analogue phone line), MDNTP (module for virtual phone line via GSM), MDVOICE64 (voice synthesis module), MDRS232 (module for ETREIB connection).

Housing: metal case protected against opening and removal.

Battery: 18 Ah max (optional).

Dimensions: W 316 × H 305 × D 143 mm.



Weight: 4.00 kg.

Power supply: 110-240Vac/50Hz from mains, 2.4 A power unit.

Current draw: 15 mA idle.

Certifications: IMQ-Security Systems EN 50131-1, EN 50131-3, EN 50131-6, EN 50131-10, EN 50136-2 grade 3, environmental class II.

PREGIO2000PL

CCPRG0100300 
 CCPRG0100301 



Hybrid wired/wireless control unit with 104 zones in plastic case

Max. no. of supported zones: 104.

On-board outputs: 1 programmable output (max 100mA). 12V fuse-protected power output for detectors. 1 programmable relay alarm output (max 3A). Connector for 8-output ETRREL board. Terminals for sirens control and powering.

Number of supported outputs (max): 104 (using optional relay modules on RIVER concentrators) programmable and remotely controllable.

Max. no. of users: 64.

Slots for optional modules: 1 slot for MDGSMI/MD4GI module + 1 slot for either MDPSTN or MDNTP + 1 slot for MDLAN module.

Compatible optional modules: MDGSMI (GSM/GPRS module with built-in antenna), MD4GI (4G LTE module with built-in antenna), MDLAN (LAN module), MDPSTN (module for analogue phone line), MDNTP (module for virtual phone line via GSM), MDVOICE64 (voice synthesis module), MDRS232 (module for ETREIB connection).

Housing: plastic housing protected against opening and removal.

Battery: 7 Ah max (not supplied).

Dimensions: W 283 × H 350 × D 90 mm.





Weight: 1.00 kg.

Power supply: 110-240Vac/50Hz from mains, 2.4 A power unit.

Current draw: 15 mA idle.

Certifications: IMQ-Security Systems EN 50131-1, EN 50131-3, EN 50131-6, EN 50131-10, EN 50136-2 grade 3, environmental class II.

PREGIO1000

CCPRG0200100 
 CCPRG0200101 
 CCPRG0200104 
 CCPRG0200106 
 CCPRG0200107 



Hybrid wired/wireless control unit with 48 zones in metal case

Max. no. of supported zones: 48.

On-board outputs: 1 programmable output (max 100mA). 12V fuse-protected power output for detectors. 1 programmable relay alarm output (max 3A). Connector for 8-output ETRREL board. Terminals for sirens control and powering.

Number of supported outputs (max): 48 (using optional relay modules on RIVER concentrators) programmable and remotely controllable.

Max. no. of users: 32.

Slots for optional modules: 1 slot for either MDGSME/MD4GE or MDPSTN + 1 slot for MDLAN module.

Compatible optional modules: MDGSME (GSM/GPRS module with external antenna), MD4GE (4G LTE module with external antenna), MDLAN (LAN module), MDPSTN (module for analogue phone line), MDVOICE64 (voice synthesis module), MDRS232 (module for ETRREIB connection).

Housing: metal case protected against opening and removal.

Battery: 7 Ah max (not supplied).

Dimensions: W 225 × H 274 × D 111 mm.





Weight: 2.20 kg.

Power supply: 110-240Vac/50Hz from mains, 2.4 A power unit.

Current draw: 15 mA idle.

Certifications: IMQ-Security Systems EN 50131-1, EN 50131-3, EN 50131-6, EN 50131-10, EN 50136-2 grade 3, environmental class II.

PREGIO1000BM

CCPRG0200300 
 CCPRG0200301 
 CCPRG0200304 
 CCPRG0200306 





PREGIO1000 control unit in bigger metal case

Compatible optional modules: MDGSME (GSM/GPRS module with external antenna), MD4GE (4G LTE module with external antenna), MDLAN (LAN module), MDPSTN (module for analogue phone line), MDVOICE64 (voice synthesis module), MDRS232 (module for ETRREIB connection).

Dimensions: W 316 × H 305 × D 143 mm.

Battery: 18 Ah max (optional).

PREGIO1000PL

CCPRG0200500 
 CCPRG0200501 



Hybrid wired/wireless control unit with 48 zones in plastic case

Max. no. of supported zones: 48.

On-board outputs: 1 programmable output (max 100mA). 12V fuse-protected power output for detectors. 1 programmable relay alarm output (max 3A). Connector for 8-output ETRREL board. Terminals for sirens control and powering.

Number of supported outputs (max): 48 (using optional relay modules on RIVER concentrators) programmable and remotely controllable.

Max. no. of users: 32.

Slots for optional modules: 1 slot for either MDGSMI/MD4GI or MDPSTN + 1 slot for MDLAN module.

Compatible optional modules: MDGSMI (GSM/GPRS module with built-in antenna), MD4GI (4G LTE module with built-in antenna), MDLAN (LAN module), MDPSTN (module for analogue phone line), MDVOICE64 (voice synthesis module), MDRS232 (module for ETRREIB connection).

Housing: plastic housing protected against opening and removal.

Battery: 7 Ah max (not supplied).

Dimensions: W 283 × H 350 × D 90 mm.

Weight: 1.00 kg.

Power supply: 110-240Vac/50Hz from mains, 2.4 A power unit.

Current draw: 15 mA idle.

Certifications: IMQ-Security Systems EN 50131-1, EN 50131-3, EN 50131-6, EN 50131-10, EN 50136-2 grade 3, environmental class II.

PREGIO500

CCPRG0300200 
 CCPRG0300201 
 CCPRG0300204 
 CCPRG0300205 
 CCPRG0300206 
 CCPRG0300207 



Hybrid wired/wireless control unit with 24 zones in plastic case

Max. no. of supported zones: 24.

On-board outputs: 12V fuse-protected power output for detectors. 1 programmable relay alarm output (max 3A). Connector for 8-output ETRREL board. Terminal for siren control and powering.

Number of supported outputs (max): 24 (using optional relay modules on RIVER concentrators) programmable and remotely controllable.

Max. no. of users: 32.

Slots for optional modules: 1 slot for either MDGSMI/MDGSME/MD4GI/MD4GE or MDPSTN + 1 slot for MDWIFIH module.

Compatible optional modules: MDGSMI (GSM/GPRS module with built-in antenna), MD4GI (4G LTE module with built-in antenna), MDWIFIH (Wi-Fi module), MDPSTN (module for analogue phone line), MDVOICE64 (voice synthesis module).

Housing: plastic housing protected against opening and removal.

Battery: 4 Ah max (not supplied).

Dimensions: W 200 × H 260 × D 90 mm.



Weight: 1.00 kg.

Power supply: 110-240Vac 50Hz from mains, 1.7 A power unit.

Current draw: 15 mA idle.

Certifications: IMQ-Security Systems EN 50131-1, EN 50131-3, EN 50131-6, EN 50131-10, EN 50136-2 grade 2, environmental class II.

PREGIO500PL

CCPRG0300400 
 CCPRG0300401 



Hybrid wired/wireless control unit with 24 zones in bigger plastic case

On-board outputs: 12V fuse-protected power output for detectors. 1 programmable relay alarm output (max 3A). Connector for 8-output ETRREL board. Terminal for siren control and powering.

Number of supported outputs (max): 24 (using optional relay modules on RIVER concentrators) programmable and remotely controllable.

Max. no. of users: 32.

Slots for optional modules: 1 slot for either MDGSMI/MDGSME/MD4GI/MD4GE or MDPSTN + 1 slot for MDWIFIH module.

Compatible optional modules: MDGSMI (GSM/GPRS module with built-in antenna), MD4GI (4G LTE module with built-in antenna), MDWIFIH (Wi-Fi module), MDPSTN (module for analogue phone line), MDVOICE64 (voice synthesis module).

Housing: plastic housing protected against opening and removal.

Battery: 7 Ah max (not supplied).

Dimensions: W 283 × H 350 × D 90 mm.





















Weight: 1.00 kg.

Power supply: 110-240Vac 50Hz from mains, 1.7 A power unit.

Current draw: 15 mA idle.

Certifications: IMQ-Security Systems EN 50131-1, EN 50131-3, EN 50131-6, EN 50131-10, EN 50136-2 grade 2, environmental class II.

Compatible modules with Pregio control units

Accessories	MDPSTN	MDNTP	MDGSMI	MDGSMI (One)	MDGSME	MDGSME (One)	MDGSME90
							
	PSTN module	NTP module	GSM/GPRS module with antenna	GSM/GPRS module with antenna	GSM/GPRS module with external antenna (not included)	GSM/GPRS module with external antenna (not included)	GSM/GPRS module with 90° external antenna
PREGIO2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO2000PL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
PREGIO1000	<input checked="" type="checkbox"/>	-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO1000PL	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
PREGIO1000BM	<input checked="" type="checkbox"/>	-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO500	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
PREGIO500PL	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
Accessories	MDGSME90 (One)	GSMAC90	GSMEXA2	GSMEXA15	MD4Gi (One)	MD4GE (One)	MD4GE90 (One)
							
	GSM/GPRS module with 90° external antenna	GSM antenna with 90° connector	GSM antenna with 2 m cable	GSM antenna with 15 m cable	4G module with built-in antenna	4G module with external antenna (not included)	4G module with 90° external antenna
PREGIO2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO2000PL	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
PREGIO1000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO1000PL	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
PREGIO1000BM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO500	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
PREGIO500PL	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
Accessories	ANT4G90	ANT4GEXA2	ANT4GEXA15	MDLAN	MDWIFIH	MDVOICE64	MDRS232
							
	4G antenna with 90° connector	4G antenna with 2 m cable	4G antenna with 15 m cable	LAN module	Wi-Fi module	Voice synthesis module	RS-232 interface module
PREGIO2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO2000PL	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO1000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO1000PL	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO1000BM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PREGIO500	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
PREGIO500PL	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-

Proxima series control units

Common features

Compatibility: wired devices, RS-485 ULTRABUS devices, NG-TRX wireless devices (using GATEWAY2K) and traditional wireless devices (using RIVERRF/RIVERRFPLUS).

Base platform: SOM with Real Time operating system.

On-board zones: 16 zones (of which 12 fast zones for inertial sensors and roll-up shutters) selectable single/double/triple/quadruple balancing expandable to 32 with split/extended split function. Removable terminals.

On-board outputs: 16 electronic outputs through connection of ETRREL modules, freely programmable. 2 × 2A separate outputs for detectors power supply. 2 × 3A programmable relay outputs (C/NO/NC). 1 programmable output to control a power relay. 2 connectors for electronic output modules. Terminals for siren control and powering.

Max. no. of users: 1024.

Areas/sectors: 16 areas with 4 sectors / 8 areas with 8 sectors / 4 areas with 16 sectors / 2 areas with 32 sectors / 1 area with 64 sectors.

Control devices: up to 32 control devices, including KARMA and AURA advanced keypads.

Compatible optional modules: MDGSME (GSM/GPRS module with external antenna), MD4GE (4G LTE module with external antenna), MDPSTN (module for analogue phone line), MDVOICE64 (voice synthesis module), MDRS232 (module for ETREIB connection).

Built-in interfaces: 2 independent RS-485 ULTRABUS lines for concentrators, control devices and compatible devices. 1 built-in LAN RJ-45 connector for connection to Ethernet-TCP/IP networks.

Connectors: miniUSB connector for programming, firmware update and management from PC. USB host connector. 1 slot for MicroSD card up to 128 GB.

Wireless devices management: using RIVERRF/RIVERRFPLUS (traditional wireless devices) and GATEWAY2K (NG-TRX wireless).

Slots for optional modules: 2 slots for 1 PSTN module MDPSTN and 1 GSM/4G module MDGSME/MD4GE.

History log capacity: 5000.

Voice synthesis: built-in voice synthesis with 4 predefined messages (extended to 64 with MDVOICE64 optional board).

CEI 79-5 79-6 centralization: 2 × CEI/ABI simultaneous connections with separate configurations on LAN network, 64bit and 128bit FEAL-NX encryption. GSM/GPRS or PSTN backup connection.

Supervision protocols: encrypted EL.MO. protocol, encrypted CEI/ABI, Fast Format, ContactID, encrypted SIA DC09 protocol.

Remote assistance: via ethernet, via optional PSTN modem MDPSTN, via optional GSM/LTE modems MDGSME/MD4GE or via e-Connect.

Functions: yearly programmer with 32 programs, 16 permanent exceptions, 16 non-permanent exceptions, 8 holiday intervals. 2 modes for output logic control: standard or advanced (with visual editor on BrowserOne). Electrical working parameters available with remote assistance on BrowserOne, current supplied to peripherals included. Firmware update via USB / Ethernet from BrowserOne, via e-Connect. Gates/doors control via software applications and hardware tools with open door command with proximity cards. Access control systems management with RF cards supported by ICON100AVR controllers and accessories with date/time synchronization.

Housing: metal.

Protection class: IP3X.

Working temperature: -10 / +55°C.





Power supply: AC230V, 50Hz, 5 A power supply.

Current draw: 70 mA max main board (with RJ45 OFF).

Certifications: IMQ-Security Systems and INCERT EN 50131-3, EN 50131-6, EN 50136-2, EN 50131-10, T031, grade 4/3/2, environmental class II, SP5-DP4.

Available models

PRX1024

CCPRX0001000 
 CCPRX0001001 
 CCPRX0001004 
 CCPRX0001005 



Hybrid wired/wireless control unit with 1024 zones with integrated LAN interface and 2 independent RS-485 serial lines

Max. no. of supported zones: 1024.






Number of supported outputs (max): 1024.

Battery: max 40 Ah / DC12V (not supplied).

Dimensions: W 430 × H 354 × D 212 mm.

Weight: 6.30 kg.

PRX256

CCPRX0000900 
 CCPRX0000901 
 CCPRX0000904 
 CCPRX0000905 
 CCPRX0000907 



Hybrid wired/wireless control unit with 256 zones with integrated LAN interface and 2 independent RS-485 serial lines

Max. no. of supported zones: 256.

Number of supported outputs (max): 256.

Battery: max 40 Ah / DC12V (not supplied).

Dimensions: W 430 × H 354 × D 212 mm.

Weight: 6.30 kg.

Wired control units

PRX128

CCPRX0000700 
CCPRX0000701 
CCPRX0000704 
CCPRX0000705 
CCPRX0000706 
CCPRX0000707 



Hybrid wired/wireless control unit with 128 zones with integrated LAN interface and 2 independent RS-485 serial lines

Max. no. of supported zones: 128.



Number of supported outputs (max): 128.

Battery: max 18 Ah / DC12V (not supplied).

Dimensions: W 316 × H 305 × D 143 mm.

Weight: 4.00 kg.

PRX128M

CCPRX0000800 
CCPRX0000801 



PRX128 control unit in bigger case

Max. no. of supported zones: 128.

Number of supported outputs (max): 128.

Battery: max 40 Ah / DC12V (not supplied).

Dimensions: W 430 × H 354 × D 212 mm.

Weight: 6.30 kg.

Accessories for Proxima control units















PRXRACK

ACRAC0000100



Pair of 19" brackets for PRX1024, PRX256, PRX128M rack mounting

Compatible modules with Proxima control units

Accessories	MDPSTN	MDVOICE64	MDGSME	MDGSME (One)	MDGSME90
					
	PSTN module	Voice synthesis module	GSM/GPRS module with external antenna (not included)	GSM/GPRS module with external antenna (not included)	GSM/GPRS module with 90° external antenna
PRX1024	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PRX256	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PRX128	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PRX128M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Accessories	MDGSME90 (One)	GSMEXA2	GSMEXA15	GSMAC90	MD4GE (One)
					
	GSM/GPRS module with 90° external antenna	GSM antenna with 2 m cable	GSM antenna with 15 m cable	GSM antenna with 90° connector	4G module with external antenna (not included)
PRX1024	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PRX256	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PRX128	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PRX128M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Accessories	MD4GE90 (One)	ANT4G90	ANT4GEXA2	ANT4GEXA15	
					
	4G module with 90° external antenna	4G antenna with 90° connector	4G antenna with 2 m cable	4G antenna with 15 m cable	
PRX1024	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PRX256	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PRX128	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PRX128M	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Titania series control units

Common features

Compatibility: wired devices, RS-485 ULTRABUS devices, traditional wireless devices (using RIVERRF/RIVERRFPLUS).

On-board zones: 16 triple balanced / double balanced / NC, expandable.

On-board outputs: 16 expandable electronic outputs (freely programmable), 1 output for general alarm and 1 for tamper.

Max. no. of users: 256 user codes, each one 6 digits long, and/or proximity key reader.

Areas/sectors: 8 areas with 4 sectors each, resulting in 32 total groups of detectors.

Control devices: Max 32 keypads, up to 4 readers for each keypad. Management of proximity keys and magnetic cards with optional BAXI reader.

Built-in interfaces: 2 RS-485 ULTRABUS lines for concentrators, control devices and compatible devices. 1 RS232 line for programming from PC and connection to centralisations according to CEI 79-5, 79-6, 79-7. 1 or 2 LAN RJ-45 connectors to connect to 10 Mbps Base-T Ethernet-TCP/IP independent networks and connection to a PC via network cable with Plug.

Wireless devices management: using RIVERRF/RIVERRFPLUS, able to receive signals from traditional wireless detectors/remote controls.

Programming: from keypad and from PC in direct connection and/or remote connection with BrowserOne.

History log capacity: 8192 events.

CEI 79-5 79-6 centralization: 3 simultaneous CEI/ABI connections with independent configurations, 2 on LAN networks and 1 on RS-232 serial line, with 64-bit and 128-bit FEAL-NX cryptography. Backup connection to GSM/GPRS or PSTN.

Remote assistance: Via ethernet, via PSTN optional module, via GSM optional module (ETR/GSM for TITANIA and TITANIAPLUS or MDGSME for TITANIA-COMPACT) or e-Connect.

Communications: Digital communications via built-in multi-protocol communication module con with Fast Format and ADEMCO IDCONTACT protocols. Voice transmission and remote interrogation with MDVOICE optional board (30-minute time can be freely programmed and divided into several messages). GSM communications via optional GSM module (ETR/GSM for TITANIAPLUS and TITANIA, MDGSME for TITANIACOMPACT) with SMS remote interrogation function.

Management software: GLOBALPRO/GPROINTRUSION, SOFTHISTORY.

Functions: Guard round. Gateway control using software and hardware applications with door opening control via proximity cards reading. Management of advanced access control systems with RF cards based on ICON100AVR and accessories, with hour/date synch. Weekly/yearly programmer with 24 programs and holiday management, switch DST/Standard Time. Overtime management. 32 Multi Function Timer for optimized and programmed management of electronic outputs. Complete management of the additional power supply units over ULTRABUS RS485 BUS, also manageable using 20 SMS messages.

Housing: metal.

Protection class: IP30.

Working temperature: -10 ÷ +55°C.

Certifications: IMQ-Security Systems EN 50131-3, EN 50131-6 grade 3, environmental class II.

Available models

TITANIAPLUS

CCTIT0100400



Wired/wireless control unit with 1024 zones

Max. no. of supported zones: 1024.

Number of supported outputs (max): 1024.

Slots for optional modules: 2 slots for 1 PSTN MDPSTN module and 1 GSM Dual Band ETR/GSM module (optional).

LAN connection: 2 on-board RJ-45 LAN connectors.

Battery: 24Ah, 40Ah or 50Ah / DC12V (not included).

Dimensions: W 525 × H 380 × D 280 mm.

Weight: 12.00 kg.

Power supply: AC230V, 50Hz, 7 A power supply unit.

Current draw: 0,58 A from mains (AC230V), 250 mA max main board.

TITANIA

CCTIT0100500



Wired/wireless control unit with 512 zones

Max. no. of supported zones: 512.

Number of supported outputs (max): 512.

Slots for optional modules: 2 slots for 1 PSTN MDPSTN module and 1 GSM Dual Band ETR/GSM module (optional).

LAN connection: 2 on-board RJ-45 LAN connectors.

Battery: 24Ah, 40Ah / DC12V (not included).

Dimensions: W 485 × H 305 × D 225 mm.

Weight: 9.00 kg.

Power supply: AC230V, 50Hz, 7 A power supply unit.

Current draw: 0,58 A from mains (AC230V), 250 mA max main board.

TITANIACOMPACT

CCTIT0101200



Wired/wireless control unit with 256 zones

Max. no. of supported zones: 256.

Number of supported outputs (max): 256.

Slots for optional modules: 1 slot for 1 GSM/GPRS Dual Band MDGSME module or 1 PSTN MDPSTN module.

LAN connection: 1 on-board RJ-45 LAN connector.

Battery: 7Ah, 18Ah / DC12V (not included).

Dimensions: W 316 × H 305 × D 143 mm.

Weight: 4.00 kg.

Power supply: AC230V, 50Hz, 2.5 A power supply unit.








Current draw: 0,55 A from mains (AC230V), 250 mA max main board.

Accessories for Titania control units

DSTITANIAPLUS
ACDST0000100

Accessory for TITANIAPLUS wall mount ensuring the cable passage on the unit case back side

Compatible modules with Titania control units






Accessories	MDPSTN	MDVOICE	ETRGSM	MDGSME
				
	PSTN module	Voice synthesis module	GSM module	GSM/GPRS module with external antenna (not included)
TITANIAPLUS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
TITANIA	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
TITANIACOMPACT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
Accessories	MDGSME (One)	MDGSME90	MDGSME90 (One)	
				
	GSM/GPRS module with external antenna (not included)	GSM/GPRS module with 90° external antenna	GSM/GPRS module with 90° external antenna	
TITANIAPLUS	-	-	-	
TITANIA	-	-	-	
TITANIACOMPACT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Control devices

Keypads

Wired keypads

KARMA





- OCTAS0103900 
- OCTAS0103901 
- OCTAS0103904 
- OCTAS0103905 
- OCTAS0103906 



7" touch screen control keypad

Communication interface: RS-485 ULTRABUS. **Compatibility:** VIDOMO2K and PREGIO series (max 4 keypads for each unit), PROXIMA and TITANIA series (max 32 keypads for each unit) intrusion detection control units. **Screen:** 7" color Touch Screen. **Functions:** Configurable dashboard with 2, 3 or 4 quarters, area/sector arming, domotics activations, zone status, anomalies, installer info, digital frame, keypad emulation, settings. Built-in proximity key reader. Advanced event log visualization. Digital frame function. **Working temperature:** +5 / +40 °C. **Protection class:** IP3X. **Dimensions:** W 207 × H 120 × D 25 mm. **Weight:** 400 g. **Consumption at power voltage - Display on:** 360.0 mA; **Display off:** 110.0 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Security Systems EN 50131-3, EN 50131-6 grade 2-3 according to the system it is installed in, environmental class II.

ANIMA





- OCTAS0102400 
- OCTAS0102401 
- OCTAS0102404 
- OCTAS0102405 



Capacitive control keypad

Communication interface: RS-485 ULTRABUS. **Compatibility:** VIDOMO2K, PREGIO, ETR, TITANIA, PROXIMA series. **Screen:** LCD backlit display. Touch pad CapSense technology. **Functions:** Customizable menu. Built-in proximity key reader. Tamper protection against removal and opening. Flush mount with ANIMABOX (optional). 4 keys for system partitioning. **Working temperature:** -10 / +40 °C. **Protection class:** IP3X. **Dimensions:** W 134 × H 95 × D 10 mm. **Weight:** 160 g. **Housing:** black. **Consumption at power voltage - Idle mode:** 55 mA; **Maximum:** 110 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Security Systems EN 50131-3, EN 50131-6 grade 2-3 according to the system it is installed in, environmental class II.






ANIMAB

- OCTAS0102500 
- OCTAS0102501 
- OCTAS0102504 
- OCTAS0102505 



White ANIMA keypad

AURA



- OCTAS0103800 
- OCTAS0103801 
- OCTAS0103804 
- OCTAS0103805 
- OCTAS0103807 



OLED control keypad

Communication interface: RS-485 ULTRABUS. **Compatibility:** VIDOMO2K, PROXIMA and PREGIO series. **Screen:** OLED display. **Functions:** Customizable menu. Advanced display of event log. Massive sectors arming. Pass-through to control unit. Chronothermostat function with local management or from e-Connect. FW update via ULTRABUS (also remotely). Built-in proximity key reader. Tamper protected against removal and opening. 4 keys for system partitioning. **Working temperature:** -10 / +40 °C. **Protection class:** IP3X. **Dimensions:** W 150 × H 114 × D 18 mm. **Weight:** 185 g. **Consumption at power voltage - Idle mode:** 30 mA; **Maximum:** 118 mA. **Power supply:** 12 V. **Certifications:** IMQ-Security Systems EN 50131-3, EN 50131-6 grade 2-3 according to the system it is installed in, environmental class II.

NIRVA




- OCTAS0100100 
- OCTAS0100101 



Control keypad

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, PREGIO, TITANIA, PROXIMA and VIDOMO2K intrusion detection control units. **Screen:** Green backlit LCD Display. Red backlit keys. **Functions:** 4 keys for system partitioning. Built-in proximity key reader. Possibility to connect an external I66 proximity key reader. **Housing:** White. **Working temperature:** +5 / +40 °C. **Protection class:** IP3X. **Dimensions:** W 166 × H 136 × D 33 mm. **Weight:** 290 g. **Consumption at power voltage - Idle mode:** 50 mA; **Maximum:** 150 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Security Systems EN 50131-3, EN 50131-6 grade 2-3 (according to the system it is installed in), environmental class II.

MIDAS






OCTAS0100300 
 OCTAS0100301 
 OCTAS0100305 



Control keypad

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, PREGIO, TITANIA, PROXIMA and VIDOMO2K intrusion detection control units. **Screen:** backlit LCD display. **Functions:** 4 keys for system partitioning. Built-in proximity key reader. **Housing:** White. **Working temperature:** -10 / +40 °C. **Protection class:** IP3X. **Dimensions:** W 155 × H 97 × D 25 mm. **Weight:** 170 g. **Consumption at power voltage - Idle mode:** 35 mA; **Maximum:** 83 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Security Systems EN 50131-3, EN 50131-6 grade 2-3 according to the system it is installed in, environmental class II.

AURA2K

OWTAS0100500 
 OWTAS0100501 
 OWTAS0100504 
 OWTAS0100505 
 OWTAS0100506 



NG-TRX wireless keypads

OLED keypad with NG-TRX wireless interface

Compatibility: Villeggio NG-TRX control units and GATEWAY2K. **Screen:** OLED display. **Functions:** Identification of zone state, memories, anomalies, exclusion, output control, log. Massive sector arming. Chronothermostat function with local management. "Area map" function to display armed/disarmed sectors. Keypad activation by touching a capacitive wake-up key. USB firmware update. Built-in proximity key reader. Protection against tamper and removal. **Working temperature:** -10 / +55 °C. **Protection class:** IP3X. **Dimensions:** W 149 × H 113 × D 18 mm. **Wireless range - nominal:** 1000 m; **maximum:** 1900 m. **Power supply:** powered by 1 × DC7.2V / 2 Ah battery; optional DC12V power supply. **Max. power consumption:** 135.0 mA. **Standards:** compliant with EN 50131-1, EN 50131-3, EN 50131-5-3 grade 2. **ACCESSORIES - Power unit:** AL12AURA2K. **Relay board:** SRCRONO01.

Accessories and kits for keypads

AL12AURA2K

GAALI0101300



DC12V power supply unit for AURA2K keypads

Power supply: AC230V. **Supplied current:** 410 mA. **Output voltage:** 12 Vcc. **Dimensions:** W 56 × H 40 × D 25 mm. **Weight:** 43 g.

SRCRONO01

OWACC0000100



Relay board for chronothermostat function for AURA2K

Maximum switching voltage: DC220V, AC250V. **Rated current:** 2 A. **Dimensions:** W 47 × H 16 × D 14 mm. **Weight:** 7 g.

ANIMABOX

OCACCKA00100



Accessory for flush mount of ANIMA keypad. Black colour

ANIMABOXB

OCACCKA00300



Accessory for flush mount of ANIMA keypad. White colour

ANIMABOX10

OCACCKA00200

Kit 10 pcs. ANIMABOX

ANIMABOXB10

OCACCKA00500

Kit 10 pcs. ANIMABOXB

NIRVAKIT10

KSKTC0000100

Kit 10 pcs. NIRVA keypads

Weight: 3900 g (packed product).

MIDASKIT10
KSKTC0000200

Kit 10 pcs. MIDAS keypads
Weight: 2300 g (packed product).

Key points

ETRZENITH
OCPCH0100100



Key point for remote control of control units. Black color

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, VIDOMO2K, PREGIO, TITANIA, PROXIMA. **Functions:** Addressable by using built-in dip-switches. 4 keys for system partitioning. Built-in proximity key reader. Flush mount on BTICINO 503 box. **Dimensions:** W 117 × H 80 × D 28 mm. **Weight:** 120 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 75 mA. **Certifications:** IMQ-Security Systems EN 50131-1, EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

ETRZENITHB
OCPCH0100200



ETRZENITH key point in white case

Proximity readers

ULTRABUS partitionable readers

IZENITH
OCPCH0100300



4-sector proximity reader to partition and control an intrusion detection system

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, VIDOMO2K, PREGIO, TITANIA, PROXIMA. **Functions:** Selector to program identification code and visualization LED operation. Configuration of buzzer signalling by using proper power sequences. **Indications:** 4 LED indicators for system state and partitioning indication, 2 programmable brightness levels. **Compatible frame:** TICINO MAGIC, specific adapters are available for other frames. **Dimensions:** W 21 × H 42 × D 46 mm. **Weight:** 20 g. **Housing:** black (IZENITH) / white (IZENITHB). **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 46 mA. **Certifications:** IMQ-Security Systems EN 50131-1, EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

IZENITHB
OCPCH0100400



IZENITH reader in white case

ULTRABUS proximity key readers

I9
OCINS0102700



Universal addressed proximity key reader for M4 or M4LED keys compatible with Keystone adapters

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, VIDOMO2K, PREGIO, TITANIA, PROXIMA control units. **Indications:** 4 LEDs for operating state signalling. **Compatible frame:** Keystone standard (1 module). **Working temperature:** -10 / +45 °C. **Dimensions:** W 52 × H 27 × D 17 mm. **Weight:** 15 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 30 mA. **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

I8
OCINS0100600



RS-485 ULTRABUS reader for M4 or M4LED proximity keys. Black color

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, VIDOMO2K, PREGIO, TITANIA, PROXIMA control units. **Indications:** 4 LEDs for operating state signalling. **Compatible frame:** TICINO MAGIC, specific adapters are available for other frames. **Working temperature:** -10 / +45 °C. **Dimensions:** W 21 × H 42 × D 46 mm. **Weight:** 20 g. **Housing:** black (I8) / white (I8B) / grey (I8G) / black tropicalised (I8S). **Consumption at power voltage - Maximum:** 30 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

I8B
OCINS0100700



I8 reader in white case

I8G
OCINS0100800



I8 reader in grey case

I8S
OCINS0100900



I8 reader in black tropicalised case

Proximity key readers

I66
OCINS0100100



Reader for M4 or M4LED proximity keys. Black color

Compatibility: NIRVA and ANIMA keypads, ETRZENITH key points, HERCOLA, VILLEGGIO, VILLEGGIO 2K control units. **Indications:** 4 LEDs for operating state signalling. **Compatible frame:** TICINO MAGIC, specific adapters are available for other frames. **Working temperature:** -25 / +55 °C. **Dimensions:** W 21 × H 42 × D 46 mm. **Weight:** 18 g. **Consumption at power voltage - Maximum:** 30 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

I66B
OCINS0100200



I66 reader in white case

I66G
OCINS0100300



I66 reader in grey case

I66S
OCINS0100400



I66 reader in black tropicalised case

Arm/disarm module

MDARM
OCMIN0100100



Arm/disarm module for RS-485 serial line, to be used with a proximity card reader

Communication interface: Wiegand 26 or 34 bit (towards the reader), ULTRABUS (towards the control unit). **O.C. output maximum current:** 30 mA. **Dimensions:** W 129 × H 80 × D 20 mm. **Weight:** 103 g. **Power supply:** 12 V. **Working temperature:** -10 ÷ +55 °C. **Idle mode:** 8.0 mA. **Maximum:** 14 mA. **Relative humidity:** max 93%.

Additional state indicators

PASSLIGHT
ACIND0000100



Additional system status indicator

Communication interface: it can be derived from an I8 reader or can be installed in standalone mode on to ULTRABUS RS485 serial line. **Indications:** 2 levels for light intensity. **Working temperature:** -10 / +45 °C. **Dimensions:** W 21 × H 42 × D 46 mm. **Weight:** 25 g (packed product). **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 27 mA. **Compatible frame:** BTICINO-MAGIC, room occupied: 1 module. **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

ILUX
A1MPL0000100



Flush-mount light point for emergency lighting. It can be wired to the power line of EL.MO. control units. SKILUX board required

Functions: manual and automatic operation. Equipped with light sensor. **Weight:** 33 g (packed product). **Consumption at power voltage - Idle mode:** 2.0 mA; **Maximum:** 40 mA. **Power supply:** 12 Vcc.

SKILUX
A1MPL0000200



Control board for ILUX. Required to interface ILUX with EL.MO. hardwired intrusion detection units (all models) and intrusion detection units of different manufacturers

Weight: 33 g (packed product).

Adapters for I8, I66, IZENITH, PASSLIGHT readers



I6INT
OCACCP00200

LIVING INTERNATIONAL adapter. Dark grey

I6INTB
OCACCP00300

LIVING INTERNATIONAL adapter. White

I8VIMP
OCACCP00400

VIMAR PLANA adapter. Dark grey

I8VIMPB
OCACCP00500

VIMAR PLANA adapter. White

I8VIMPG
OCACCP01700

VIMAR PLANA adapter. Silver grey

I8VIMEX
OCACCP01000

VIMAR EIKON adapter. Dark grey

I8VIMEXB
OCACCP01800

VIMAR EIKON adapter. White

I8VIMEXG
OCACCP01100

VIMAR EIKON adapter. Grey/silver (no metallic)

I8GWPB
OCACCP00900







GEWISS PLAYBUS adapter. Dark grey

I8GWCH
OCACCP02000

GEWISS CHORUS adapter. Black

I8GWCHB OCACCPLO2100	GEWISS CHORUS adapter. Gloss white
I8TAXO OCACCPLO1200	BTICINO AXOLUTE adapter. Dark grey
I8TAXOB OCACCPLO1900	BTICINO AXOLUTE adapter. White
I8TAXOG OCACCPLO1300	BTICINO AXOLUTE adapter. Grey/silver (no metallic)
I8TMGC OCACCPLO0100	BTICINO MAGIC TT and MATIX adapter. Dark grey
I8TMGCB OCACCPLO1600	BTICINO MAGIC TT and MATIX adapter. White
I8TLGH OCACCPLO0600	BTICINO LIGHT adapter. Dark grey
I8TLGHB OCACCPLO0700	BTICINO LIGHT adapter. White
I8TLGHG OCACCPLO0800	BTICINO LIGHT TECH adapter. Grey/silver (no metallic)
I8LEV OCACCPLO1400	BTICINO LEGRAND VELA adapter. Dark grey
I8LEVB OCACCPLO1500	BTICINO LEGRAND VELA adapter. White

Proximity keys

M4LED OCACCH01700		Black proximity key equipped with white LED Weight: 10 g (packed product).
M4-7LED OCACCH01800		Orange proximity key equipped with white LED Weight: 10 g (packed product).
M4 OCACCH00300	 	Black proximity key Weight: 10 g (packed product). Certifications: IMQ-Alarm EN50131-3 grade 2-3 according to the system it is installed in.
M4-1 OCACCH00400	 	Green proximity key Weight: 10 g (packed product). Certifications: IMQ-Alarm EN50131-3 grade 2-3 according to the system it is installed in.

M4-2
OCACCCH00500



Yellow proximity key

Weight: 10 g (packed product). **Certifications:** IMQ-Alarm EN50131-3 grade 2-3 according to the system it is installed in.

M4-3
OCACCCH00600



Red proximity key

Weight: 10 g (packed product). **Certifications:** IMQ-Alarm EN50131-3 grade 2-3 according to the system it is installed in.

M4-4
OCACCCH00700



Aquamarine proximity key

Weight: 10 g (packed product). **Certifications:** IMQ-Alarm EN50131-3 grade 2-3 according to the system it is installed in.

M4-5
OCACCCH00800



Brown proximity key

Weight: 10 g (packed product). **Certifications:** IMQ-Alarm EN50131-3 grade 2-3 according to the system it is installed in.

M4-6
OCACCCH00900



Blue proximity key

Weight: 10 g (packed product). **Certifications:** IMQ-Alarm EN50131-3 grade 2-3 according to the system it is installed in.

Remote controls

NG-TRX remote controls

ELISEO2K
OWTEL0101500



Round two-way NG-TRX remote control with unlock button

Compatibility: NG-TRX units and GATEWAY2K wireless units. **Operative frequencies:** 868.120 MHz - 868.820 MHz - 869.525 MHz. **Wireless range - maximum:** 650 m. **Multi-system configuration:** no, it supports one control unit only. **Cryptography key:** individual. **Buttons:** ON, OFF, two programmable partializations. PANIC event transmission if the two partition keys are pressed together. Dedicated buttons for outputs control. Unlock button located at remote control center. **Indications:** Built-in buzzer signalling normal and error conditions. **Indications:** RGB LED. **Functions:** communication with encrypted two-way proprietary protocol between devices and the unit. 3 communication channels with dynamic channel selection. Antigrabbing function against data cloning. Algorithm for collision prevention in order to avoid transmission overlapping. Usable in installations with high disturbances. Signal strength adjustable via browser. **Dimensions:** Ø 48 × D 13 mm. **Weight:** 22 g. **Consumption at power voltage - Maximum:** 22 mA. **Power supply:** 3V from button battery mod. CR2032 (included), average life over 1 year. **Parts supplied:** hook with metal ring. **Standards:** compliant with EN 50131-5-3, EN 50131-3 grade 2, environmental class II.

ELISEOMULTI2K

OWTEL0101700

**Multi-system round two-way NG-TRX remote control with unlock button**

Compatibility: NG-TRX units and GATEWAY2K wireless units. **Operative frequencies:** 868.120 MHz - 868.820 MHz - 869.525 MHz. **Wireless range - maximum:** 650 m. **Multi-system configuration:** yes, no limit to the number of supported units. **Cryptography key:** shared. **Buttons:** ON, OFF, two programmable partializations. PANIC event transmission if the two partition keys are pressed together. Dedicated buttons for outputs control. Unlock button located at remote control center. **Indications:** Built-in buzzer signalling normal and error conditions. **Indications:** RGB LED. **Functions:** communication with encrypted two-way proprietary protocol between devices and the unit. 3 communication channels with dynamic channel selection. Antigrabbing function against data cloning. Algorithm for collision prevention in order to avoid transmission overlapping. Usable in installations with high disturbances. Signal strength adjustable via browser. **Dimensions:** Ø 48 × D 13 mm. **Weight:** 22 g. **Consumption at power voltage - Maximum:** 22 mA. **Power supply:** 3V from button battery mod. CR2032 (included), average life over 1 year. **Parts supplied:** hook with metal ring. **Standards:** compliant with EN 50131-5-3, EN 50131-3 grade 2, environmental class II.

ATLANTE2K

OWTEL0101200

**Two-way NG-TRX remote control**

Compatibility: NG-TRX units and GATEWAY2K wireless units. **Operative frequencies:** 868.120 MHz - 868.820 MHz - 869.525 MHz. **Wireless range - maximum:** 800 m. **Multi-system configuration:** no, it supports one control unit only. **Cryptography key:** individual. **Buttons:** ON, OFF, two programmable partializations. PANIC event transmission if the two partition keys are pressed together. Dedicated buttons for outputs control. **Indications:** Built-in buzzer signalling normal and error conditions. **Indications:** Two-colour front LED indicator blinking when transmitting data. LED indicators under the buttons indicating the reception of the signal by the control unit. **Functions:** communication with encrypted two-way proprietary protocol between devices and the unit. 3 communication channels with dynamic channel selection. Antigrabbing function against data cloning. Algorithm for collision prevention in order to avoid transmission overlapping. Usable in installations with high disturbances. Signal strength adjustable via browser. **Dimensions:** W 37 × H 80 × D 16 mm. **Weight:** 22 g. **Consumption at power voltage - Maximum:** 20 mA. **Power supply:** 3V from button battery mod. CR2032 (included), average life over 1 year. **Parts supplied:** hook with metal ring. **Certifications:** IMQ-Security Systems EN 50131-5-3, EN 50131-3 grade 2, environmental class II.

ATLANTEMULTI2K

OWTEL0101800

**Multi-system two-way NG-TRX remote control**

Compatibility: NG-TRX units and GATEWAY2K wireless units. **Operative frequencies:** 868.120 MHz - 868.820 MHz - 869.525 MHz. **Wireless range - maximum:** 800 m. **Multi-system configuration:** yes, no limit to the number of supported units. **Cryptography key:** shared. **Buttons:** ON, OFF, two programmable partializations. PANIC event transmission if the two partition keys are pressed together. Dedicated buttons for outputs control. **Indications:** Built-in buzzer signalling normal and error conditions. **Indications:** Two-colour front LED indicator blinking when transmitting data. LED indicators under the buttons indicating the reception of the signal by the control unit. **Functions:** communication with encrypted two-way proprietary protocol between devices and the unit. 3 communication channels with dynamic channel selection. Antigrabbing function against data cloning. Algorithm for collision prevention in order to avoid transmission overlapping. Usable in installations with high disturbances. Signal strength adjustable via browser. **Dimensions:** W 37 × H 80 × D 16 mm. **Weight:** 22 g. **Consumption at power voltage - Maximum:** 20 mA. **Power supply:** 3V from button battery mod. CR2032 (included), average life over 1 year. **Parts supplied:** hook with metal ring.

Remote controls**ATLANTE4PLUS**

OWTEL0100400

**6-channel black FM remote control**

Compatibility: HERCOLA and VILLEGGIO2K units. **Operative frequencies:** European frequencies for LPD devices. **Wireless range - maximum:** 70 m (with clear line of sight). **Buttons:** ON, OFF, two programmable partializations. PANIC event transmission if the two partition keys are pressed together. Dedicated buttons for outputs control. **Indications:** Two-colour front LED indicator blinking when transmitting data. LED indicators under the buttons indicating the reception of the signal by the control unit. **Dimensions:** W 37 × H 80 × D 16 mm. **Weight:** 16 g. **Housing:** black (ATLANTE4PLUS) / white (ATLANTE4PLUSB). **Consumption at power voltage - Maximum:** 14 mA. **Power supply:** 3V from button battery mod. CR2032 (included), average life over 1 year. **Parts supplied:** hook with metal ring.

ATLANTE4PLUSB

OWTEL0100900

**ATLANTE4PLUS remote control in white case**

UPON REQUEST

ATLANTE4

OWTELO100200



4-channel black FM remote control

Compatibility: HERCOLA and VILLEGGIO NG-TRX units, HALENTE and HALLEY wireless units, RIVERRF and RIVERRFPLUS concentrators. **Operative frequencies:** European frequencies for LPD devices. **Wireless range - maximum:** 70 m (with clear line of sight). **Buttons:** ON, OFF, two programmable partializations. PANIC event transmission if the two partition keys are pressed together. **Indications:** Two-colour front LED indicator blinking when transmitting data. **Dimensions:** W 37 × H 80 × D 16 mm. **Weight:** 16 g. **Housing:** black (ATLANTE4) / white (ATLANTE4B, upon request). **Consumption at power voltage - Maximum:** 10 mA. **Power supply:** 3V from button battery mod. CR2032 (included), average life over 1 year. **Parts supplied:** hook with metal ring.

ATLANTE4B

OWTELO100800



ATLANTE4 remote control in white case

UPON REQUEST

TYROS

OWTELO100700



FM remote control for medical alarm

Compatibility: HERCOLA, VILLEGGIO NG-TRX control units, RIVERRF and RIVERRFPLUS concentrators. **Operative frequencies:** European frequencies for LPD devices. **Wireless range - maximum:** 70 m (with clear line of sight). **Buttons:** pressing any key generates an alarm transmission for sudden illness or emergency medical service request. **Indications:** Two-colour front LED indicator blinking when transmitting data. **Dimensions:** W 37 × H 80 × D 16 mm. **Weight:** 26 g. **Housing:** black. **Consumption at power voltage - Maximum:** 17 mA. **Power supply:** 3V from button battery mod. CR2032 (included), average life over 1 year.

Electronic keys

PROXI

OCCHE0000300



Programmable multi-level proximity terminal key controller

Functions: Partitioning mode with two M4 user keys and an I66 reader. Electric lock timer available on request (1 sec.) - Product code OCHE0000600. **Dimensions:** W 113 × H 67 × D 22 mm. **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 53 mA. **Weight:** 180 g (packed product).

UNIREL

CSACR0000400



Relay module

Max. power consumption: 20 mA. **Power supply:** 12 Vcc. **Weight:** 28 g (packed product).

Concentrators

Wired concentrators with TERABUS interface

RIVER8PTBS
CSRIV0004700



8-wired-zone TERABUS concentrator with connector for 8 electronic outputs and 2 solid state relay outputs

Communication interface: RS-485 TERABUS. **Compatibility:** with PROXIMA series in TERABUS mode. Compatible with all the control units equipped with ULTRABUS interface. **Zones:** 8 zones with customizable balancing. **Outputs:** Connector for 8 electronic outputs compatible with ETRREL. 2 solid-state relay outputs. **Functions:** multiple addressing modes (e.g. automatic addressing, in TERABUS mode only). Programmable zone balancing. Dedicated TBSManager app for addressing and diagnostics. **Housing:** ABS plastic protected against opening and removal. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 85 g. **Consumption at power voltage - Maximum:** 27 mA. **Power supply:** 12 V (9 to 15 V). **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3-4 according to the system it is installed in, environmental class II.

RIVER8TBS
CSRIV0004800



8-wired-zone TERABUS concentrator

Communication interface: RS-485 TERABUS. **Compatibility:** with PROXIMA series in TERABUS mode. Compatible with all the control units equipped with ULTRABUS interface. **Zones:** 8 zones with customizable balancing. **Functions:** multiple addressing modes (e.g. automatic addressing, in TERABUS mode only). Programmable zone balancing. Dedicated TBSManager app for addressing and diagnostics. **Housing:** ABS plastic protected against opening. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 85 g. **Consumption at power voltage - Maximum:** 21 mA. **Power supply:** 12 V (9 to 15 V). **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3-4 according to the system it is installed in, environmental class II.

RIVER4TBS
CSRIV0004900



4-wired-zone TERABUS concentrator with connector for 4 electronic outputs

Communication interface: RS-485 TERABUS. **Compatibility:** with PROXIMA series in TERABUS mode. Compatible with all the control units equipped with ULTRABUS interface. **Zones:** 4 zones with customizable balancing. **Outputs:** Connector for 4 electronic outputs compatible with ETRREL4. **Functions:** multiple addressing modes (e.g. automatic addressing, in TERABUS mode only). Programmable zone balancing. Dedicated TBSManager app for addressing and diagnostics. **Housing:** ABS plastic protected against opening. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 85 g. **Consumption at power voltage - Maximum:** 10 mA. **Power supply:** 12 V (9 to 15 V). **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3-4 according to the system it is installed in, environmental class II.

RIVER2TBS
CSRIV0005000



2-wired-zone TERABUS concentrator with 2 open collector outputs

Communication interface: RS-485 TERABUS. **Compatibility:** with PROXIMA series in TERABUS mode. Compatible with all the control units equipped with ULTRABUS interface. **Zones:** 2 zones with customizable balancing. **Outputs:** 2 open collector outputs. **Functions:** multiple addressing modes (e.g. automatic addressing, in TERABUS mode only). Programmable zone balancing. Dedicated TBSManager app for addressing and diagnostics. **Dimensions:** W 44 × H 25 mm. **Weight:** 11 g. **Consumption at power voltage - Maximum:** 9 mA. **Power supply:** 12 V (9 to 15 V). **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3-4 according to the system it is installed in, environmental class II.

CRIVER2
R2CRT0000500



Metal housing equipped with switches for protection against opening and removal for installation of concentrators

Functions: equipped with switches for protection against opening and removal. It allows the installation of a SI3 inertial sensor (to be purchased separately). **Dimensions:** W 240 × H 176 × D 99 mm. **Certifications:** IMQ-Security Systems EN 50131-1 grade 3, 4.

Wired concentrators

RIVER3
CSRIV0001900



8-wired-zone concentrator in metal case with inertial sensor

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, PREGIO, PROXIMA, VIDOMO2K, TITANIA and TITANIAPLUS control units. **Zones:** 8 triple-balanced, double-balanced, NC or fast zones. **Outputs:** connector for 8 electronic outputs, compatible with ETRREL, ETRREL4, CP8/REL and UNIREL relay modules. **Indications:** LED for indication of transmission to the control unit and of the tamper protection button status. **Housing:** metal protected against opening and removal. It includes an antiperforation inertial sensor. **Working temperature:** +5 / +40 °C. **Dimensions:** W 240 × H 176 × D 99 mm. **Weight:** 1480 g. **Consumption at power voltage - with balanced zones:** 25 mA; **with NC zones:** 35 mA. **Power supply:** 12 Vcc. **CEI 79-2 level:** III. **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

RIVER2
CSRIV0001800



8-wired-zone concentrator in metal case

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, PREGIO, PROXIMA, VIDOMO2K, TITANIA and TITANIAPLUS control units. **Zones:** 8 triple-balanced, double-balanced, NC or fast zones. **Outputs:** connector for 8 electronic outputs, compatible with ETRREL, ETRREL4, CP8/REL and UNIREL relay modules. **Indications:** LED for indication of transmission to the control unit and of the tamper protection button status. **Housing:** metal protected against opening and removal. **Working temperature:** +5 / +40 °C. **Dimensions:** W 240 × H 176 × D 99 mm. **Weight:** 1480 g. **Consumption at power voltage - with balanced zones:** 25 mA; **with NC zones:** 35 mA. **Power supply:** 12 Vcc. **CEI 79-2 level:** II. **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

RIVER
CSRIV0002700



8-wired-zone concentrator with connector for 8 electronic outputs

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, PREGIO, PROXIMA, VIDOMO2K, TITANIA and TITANIAPLUS control units. **Zones:** 8 triple-balanced, double-balanced, NC or fast zones. **Outputs:** connector for 8 electronic outputs, compatible with ETRREL, ETRREL4, CP8/REL and UNIREL relay modules. **Indications:** LED for indication of transmission to the control unit and of the tamper protection button status. **Housing:** ABS plastic protected against opening. **Working temperature:** +5 / +40 °C. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 85 g. **Consumption at power voltage - with balanced zones:** 25 mA; **with NC zones:** 35 mA. **Power supply:** 12 Vcc. **CEI 79-2 level:** I. **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

RIVERMINI4
CSRIV0003000



4-wired-zone concentrator with connector for 4 electronic outputs

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, PREGIO, PROXIMA, VIDOMO2K, TITANIA and TITANIAPLUS control units. **Zones:** 4 double-balanced, NC or fast zones (freely programmable). **Outputs:** Connector for 4 electronic outputs for CP8/REL with UNIREL, or ETR/REL and ETR/REL4. **Indications:** LED for indication of transmission to the control unit and of the tamper protection button status. **Housing:** ABS plastic protected against opening. **Working temperature:** +5 / +40 °C. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 100 g. **Consumption at power voltage - board only:** 25 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

RIVERMICRO2
CSRIV0000100



2-wired-zone concentrator with 2 open collector outputs

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, PREGIO, PROXIMA, VIDOMO2K, TITANIA and TITANIAPLUS control units. **Zones:** 2 double-balanced, NC or fast zones (freely programmable). **Outputs:** terminals for 2 open collector outputs. **Indications:** LED for indication of transmission to the control unit and of the tamper protection button status. **Working temperature:** +5 / +40 °C. **Dimensions:** W 45 × H 10 × D 25 mm. **Weight:** 30 g. **Consumption at power voltage - board only:** 17 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

RIVERNANO2
CSRIV0003900



Miniaturized 2-wired-zone concentrator with pigtail connections

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, PREGIO, PROXIMA, VIDOMO2K, TITANIA and TITANIAPLUS control units. **Zones:** 2 double-balanced, NC or fast zones (freely programmable). **Outputs:** 2 open collector electronic outputs (maximum current 40 mA). **Indications:** LED for indication of data transmitted over serial line and activity over serial line. **Working temperature:** -10 / +55 °C. **Dimensions:** L 38 × H 17 × D 13 mm. **Consumption at power voltage - board only:** 12 mA. **Power supply:** 12 Vcc. **Standards:** compliant with EN50131-1 grade 2, environmental class II.

RIVERPLUS

CSRIV0002800



8-wired-zone concentrator with connector for 8 electronic outputs and 2 relay outputs with free-from-potential contacts

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, PREGIO, PROXIMA, VIDOMO2K, TITANIA and TITANIAPLUS control units. **Zones:** 8 triple-balanced, double-balanced, NC or fast zones. **Outputs:** connector for 8 electronic outputs, compatible with ETRREL or ETRREL4. 2 relay outputs with free-from-potential contacts for repeating the state of the first two electronic outputs. **Indications:** LED for indication of transmission to the control unit and of the tamper protection button status. **Housing:** ABS plastic protected against opening. **Working temperature:** -10 / +55 °C. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 85 g. **Consumption at power voltage - with balanced zones:** 25 mA; **with NC zones:** 45 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Security Systems EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

RIVERTECH

CSRIV0000600



Serial line concentrator to be installed on to DIN rail for technological applications

Communication interface: RS-485 ULTRABUS. **Compatibility:** ETR, PREGIO, PROXIMA, VIDOMO2K, TITANIA and TITANIAPLUS control units. **Zones:** 8 NC zones with galvanic insulation to withstand more than 1000 V. The zones must be connected in two groups including 4 zones each, by using the ISO1 and ISO2 optically voltage-insulated outputs. **Outputs:** 8 static relay outputs, C - NO contacts. **Relay contacts capacity:** 60 V max OFF - 500 mA ON. **Connections:** Removable terminal boards. **Serial line:** ULTRABUS RS485 serial line with galvanic insulation from the on-board electronic components (insulation above 1000 V). **Indications:** front LEDs for visualization of zone state, serial line transmission, serial line operation, tamper protection status. **Housing:** vertical plastic (ABS) housing to be installed on to DIN bar with a transparent protection window for dip-switch and LED indicators. Protection against opening and removal with a built-in anti-perforation inertial sensor. **Working temperature:** -10 / +55 °C. **Dimensions:** W 23 × H 112 × D 119 mm. **Weight:** 185 g. **Consumption at power voltage - with idle outputs:** 92 mA. **Power supply:** 12 Vcc. **Standards:** compliant with EN 50130-4:1995 + A:1998 and EN 61000-6-3.

Wireless concentrators

RIVERRFPLUS

C1RIV0000800



24-wireless-zone concentrator

Communication interface: RS-485 ULTRABUS. **Compatibility:** Detectors, perimetral transmitters, IV-series remote controls of VILLEGGIO and HELIOS systems. **Zones:** 18 radio devices in reduced mode ETR G1. 24 radio devices in extended mode for ETR, PROXIMA, VIDOMO2K, PREGIO and TITANIA. **Outputs:** 4 non programmable outputs for diagnostics + 4 outputs that can be used for control in ET-4PLUS, NET4, NET432 and ETR G1 mode. Extended mode (ETR G2, NET5, NET832, NET9, VILLEGGIO, PROXIMA, PREGIO and TITANIA): 8 outputs can be controlled by the control unit. **Wireless range:** 80 meters with clear line of sight (50 meters for remote control transmissions). **Indications:** LEDs to display the 8 radio zones, the radio signal strength, the serial line activity and the tamper protection state. **Housing:** ABS plastic, with microswitch against cover opening. **Working temperature:** -10 / +55 °C. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 100 g. **Consumption at power voltage - Idle mode:** 30 mA; **Maximum:** 45 mA. **Power supply:** 12 Vcc.

RIVERRF

C1RIV0000700



8-wireless-zone concentrator

Communication interface: RS-485 ULTRABUS. **Compatibility:** Detectors, perimetral transmitters, IV-series remote controls of VILLEGGIO and HELIOS systems. **Zones:** 6 radio devices in NET4, NET432, ET4PLUS and ETR G1 mode. 8 radio devices in VIDOMO2K, PREGIO, PROXIMA and ETR G2 mode. **Outputs:** 4 non programmable outputs for diagnostics + 4 outputs that can be used for control in ET-4PLUS, NET4, NET432 and ETR G1 mode. Extended mode (ETR G2, NET5, NET832, NET9, VILLEGGIO, PROXIMA, PREGIO and TITANIA): 8 outputs can be controlled by the control unit. **Wireless range:** 80 meters with clear line of sight (50 meters for remote control transmissions). **Indications:** LEDs to display the 8 radio zones, the radio signal strength, the serial line activity and the tamper protection state. **Housing:** ABS plastic, with microswitch against cover opening. **Working temperature:** -10 / +55 °C. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 100 g. **Consumption at power voltage - Idle mode:** 30 mA; **Maximum:** 45 mA. **Power supply:** 12 Vcc.

Concentrators for medical alarm and analog values

RIVERTH
CSRIV0002900



Analogue signals concentrator for STRIVER temperature probe connection or for devices with 4-20mA interface

Compatibility: ETR G2, PROXIMA, VIDOMO2K and PREGIO control units. **Zones:** 4 zones programmable as 4-20 mA or with temperature action range -35 to +70°C. **Sensitivity:** + 1°C with temperature probe, + 0.1 mA with devices with 4-20 mA output. **Outputs:** 4 electronic outputs for ETRREL4 or ETRREL. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 122 g (packed product). **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 14 mA.

STRIVER
CSACR0000900



Temperature probe compatible with RIVERTH with NTC thermistor

Operating range: -35 to +70 °C. **Cable length:** 6 m (supplied).

Accessories for concentrators

ETRREL
CSACR0000200



8-relay output multiple module

Compatibility: ETR, VIDOMO2K, TITANIA, PREGIO, PROXIMA control units; RIVERMINI4, RIVER, RIVER2, RIVER3 concentrators. **Outputs:** 8 relays with output terminals with free-from-potential contacts. **Weight:** 100 g (packed product). **Max. power consumption:** 120 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Alarm EN50131-3 grade 2-3 according to the system it is installed in, environmental class II.

ETRREL4
CSACR0000100



4-relay output multiple module

Compatibility: ETR, VIDOMO2K, TITANIA, PREGIO, PROXIMA control units; RIVERMINI4, RIVER, RIVER2, RIVER3 concentrators. **Outputs:** 4 relays with output terminals with free-from-potential contacts. **Dimensions:** W 50 × H 90 × D 30 mm. **Weight:** 120 g. **Max. power consumption:** 60 mA. **Power supply:** 12 Vcc. **Certifications:** IMQ-Alarm EN50131-3 grade 2-3 according to the system it is installed in, environmental class II.

CP8/REL
CSACR0000300



Board for connection of 8 UNIREL auxiliary relays. Supplied with connection cable and fixing clip

Compatibility: VIDOMO2K, TITANIA, PREGIO control units. **Dimensions:** W 175 × H 48 × D 12 mm. **Weight:** 100 g (packed product). **Max. power consumption:** 160 mA. **Power supply:** 12 Vcc.

UNIREL
CSACR0000400



Relay module

Max. power consumption: 20 mA. **Power supply:** 12 Vcc. **Weight:** 28 g (packed product).

Modules and interfaces

Communication modules

LAN modules

MDLAN
AWMDCCLO0100



Ethernet module providing a 10Mbit Ethernet connection

Compatibility: VIDOMO2K, VICOMPACT2K, PREGIO control units; TACÓRA v.5.2 or higher firmware panels. **Functions:** it allows unit configuration and remote control via TCP/IP and the connection to e-Connect. **Power supply:** DC12V from control units. **Max. power consumption:** 50 mA. **Weight:** 40 g (packed product). **Certifications:** IMQ-Security Systems EN 50136-2, EN 50131-3 grade 2-3 according to the system it is installed in, environmental class II.

Wi-Fi modules

MDWIFI
AWMDCCW00700



Wi-Fi module for interfacing to e-Connect

Compatibility: VIDOMO2K, VICOMPACT2K control units. **Power supply:** DC12V from control units. **Max. power consumption:** 50 mA. **Weight:** 9 g.

MDWIFIH
AWMDCCW00800



Wi-Fi module for interfacing to e-Connect

Compatibility: PREGIO500, HERCOLA control units. **Power supply:** DC12V from control units. **Max. power consumption:** 50 mA. **Weight:** 6 g.

Voice synthesis module

MDVOICE64
ACMDCCV00600



Digital voice synthesis plug-in module

Compatibility: PREGIO, PROXIMA control units. **Functions:** max 64 recordable messages (8 total minutes). **Power supply:** DC12V from control units. **Max. power consumption:** 10 mA. **Weight:** 42 g (packed product).

MDVOICE
ACMDCCV00700



Voice interface optional module for voice and remote interrogation transmissions

Compatibility: TITANIA control units. **Functions:** 40 total minutes. **Power supply:** DC12V from control units.

VOICEAD
ACMDCCV00300



Adapting cable to connect SK/VOICE voice synthesis board to ET8 control units

Weight: 70 g (packed product).

GSM modules

MDGSMI
AWMDCCG00700



GSM/GPRS module equipped with antenna to connect to the GSM mobile network

Compatibility: VIDOMO2K, PREGIO500 control units. **Functions:** It allows connecting the control unit to e-Connect, sending voice alarm messages or SMS, controlling the control unit via SMS and performing remote environmental listening. **Power supply:** DC12V from control units. **Max. power consumption:** 220 mA. **Weight:** 60 g (packed product). **Certifications:** IMQ-Alarm EN 50136-2, EN50131-10 grade 3, environmental class II.

MDGSMI (ONE)
AWMDCCG01800

One



ONE line GSM/GPRS module equipped with antenna to connect to the GSM mobile network

Compatibility: VIDOMO2K, PREGIO500 control units. **Functions:** It allows connecting the control unit to e-Connect, sending voice alarm messages or SMS, controlling the control unit via SMS and performing remote environmental listening. **Power supply:** DC12V from control units. **Max. power consumption:** 220 mA. **Weight:** 60 g (packed product). **Certifications:** IMQ-Alarm EN 50136-2, EN50131-10 grade 3, environmental class II.

MDGSME
AWMDCCG00800




GSM/GPRS dual-band module equipped with connector for connection of an external antenna to connect to the GSM mobile network. Antenna kit required (not supplied)

Compatibility: intrusion detection: VIDOMO2K, PREGIO series, PROXIMA series, TITANIACOMPACT; fire detection: TACÓRA series. **Functions:** It allows connecting the control unit to e-Connect, sending SMS messages for alarm and state signalling. **Compatible antenna kits:** GSMEXA15, GSMEXA2, GSMACI (for TACÓRA panels). **Power supply:** DC12V or DC24V from control unit. **Max. power consumption:** 220 mA. **Dimensions:** W 63 × H 48 × D 14 mm. **Weight:** 75 g (packed product). **Certifications:** IMQ-Alarm EN 50136-2, EN50131-10 grade 3, environmental class II / CPR 305/2011 EN54-13, EN54-21.

MDGSME (ONE)
AWMDCCG01900




ONE line GSM/GPRS dual-band module equipped with connector for connection of an external antenna to connect to the GSM mobile network. Antenna kit required (not supplied)

Compatibility: intrusion detection: VIDOMO2K, PREGIO series, PROXIMA series, TITANIACOMPACT; fire detection: TACÓRA series. **Functions:** It allows connecting the control unit to e-Connect, sending SMS messages for alarm and state signalling. **Compatible antenna kits:** GSMEXA15, GSMEXA2, GSMACI (for TACÓRA panels). **Power supply:** DC12V or DC24V from control unit. **Max. power consumption:** 220 mA. **Dimensions:** W 63 × H 48 × D 14 mm. **Weight:** 75 g (packed product). **Certifications:** IMQ-Alarm EN 50136-2, EN50131-10 grade 3, environmental class II.

MDGSME90
ACMDCCG01300



Kit including a GSM/GPRS MDGSME module and one GSMAC90 external antenna with 90° connector for installation inside PREGIO and PROXIMA series units enclosed in a metal case

MDGSME90 (ONE)
ACMDCCG01500




Kit including a ONE line GSM/GPRS MDGSME module and one GSMAC90 external antenna with 90° connector for installation inside PREGIO and PROXIMA series units enclosed in a metal case

ETRGSM
ACMDCCG01000



Dual Band GSM optional module. GSMAC series antenna required

Compatibility: ETR, TITANIA and TITANIAPLUS control units. **Functions:** it allows remote control, remote interrogation via SMS and event sending via SMS. Able to send over 16,000 text messages. Voice synthesis board for voice messages management. **Power supply:** 12 Vcc. **Max. power consumption:** 110 mA. **Weight:** 150 g (packed product). **Certifications:** IMQ-Alarm EN50131-3 grade 2 environmental class II.

Accessories for GSM modules

GSMAC
ACMDCCA00100



Standard antenna with vertical connector for ETRGSM module

Compatibility: ETR128, ETR256, ETR512, TITANIA control units. **Weight:** 30 g (packed product).

GSMAC90
ACMDCCA00200



Antenna with 90° connector for ETRGSM module (only on ETR48M and ETR100M units), NET5GSM (only on NET Series units) and MDGSME (only on PREGIO Series units and ECONTROLRX)

Weight: 30 g (packed product).

GSMEXA15
A1MDCCA00800



Optional antenna for MDGSME, ETRGSM, INT9200, NET832, NET9, PREGIO, PROXIMA supplied with 15 m cable. It can be installed 15 m far from control unit or GSM interface when used with the supplied antenna for a better coverage

Weight: 1000 g (packed product).

GSMEXA2
A1MDCCA00700



Optional antenna for MDGSME, ETRGSM, INT9200, NET832, NET9, PREGIO, PROXIMA supplied with 2 m cable. It can be installed 2 m far from control unit or GSM interface when used with the supplied antenna for a better coverage

Weight: 350 g (packed product).

4G modules

MD4GI (ONE)
AWMDCCG02100
One



One line 4G module with built-in antenna

Functions: It provides 2G, 3G and 4G connectivity for remote control, connection to e-Connect and messages sending for voice alarms or SMS. It supports voice communications over 2G, 3G and 4G in VoLTE technology. With 3G or 4G connectivity, both voice connection and data connection via e-Connect can be active simultaneously. **Power supply:** 12 Vcc. **Max. power consumption:** 259 mA. **Standards:** compliant with EN 50136-2, EN50131-10 grade 3.

MD4GE (ONE)
AWMDCCG02200
One



One line 4G module with connector to connect an external antenna. Antenna kits required (not supplied)

Functions: It provides 2G, 3G and 4G connectivity for remote control, connection to e-Connect and messages sending for voice alarms or SMS. It supports voice communications over 2G, 3G and 4G in VoLTE technology. With 3G or 4G connectivity, both voice connection and data connection via e-Connect can be active simultaneously. **Power supply:** DC12V or DC24V from control unit. **Max. power consumption:** 259 mA. **Dimensions:** W 62 × H 47 × D 11 mm. **Weight:** 34 g. **Standards:** compliant with EN 50136-2, EN50131-10 grade 3.

MD4GE90 (ONE)
ACMDCCG01600
One



Kit including One line LTE MD4GE module and 90° ANT4G90 antenna

Accessories for 4G modules

ANT4GEXA15
A1MDCCA00600



Antenna for MD4GE with 15 m cable. It can be installed 15 m far from control unit when used with the supplied antenna for a better coverage

ANT4GEXA2
A1MDCCA00500



Antenna for MD4GE with 2 m cable. It can be installed 2 m far from control unit when used with the supplied antenna for a better coverage

ANT4G
ACMDCCA00500



Standard antenna with vertical connector for MD4GE module

ANT4G90
ACMDCCA00600



Antenna with 90° connector for MD4GE module

PSTN and NTP modules

MDPSTN
AWMDCCV00100



Module for connection to an analogue phone line

Power supply: DC12V from control units. **Max. power consumption:** 56 mA. **Functions:** voice alarm messages via phone line, remote environment listening, remote assistance, It can be programmed remotely. **Weight:** 30 g. **Certifications:** IMQ alarm EN50131-3 grade 2-3 according to the system it is installed in, environmental class II.

MDNTP
AWMDCCG00300



Module providing a virtual telephone line connection on the GSM network for connecting traditional telephone devices. MDGSME module required

Power supply: DC12V from control units. **Max. power consumption:** 115 mA. **Weight:** 48 g (packed product).

GPS modules

MDGPSE
AWMDCCS00200



Module allowing VILLEGGIO control units installed in campers or boats to assess their position using the GPS network. MDGSMI or MDGSME modules required for the transmission of the position

Power supply: DC12V from control units. **Max. power consumption:** 15 mA. **Weight:** 80 g (packed product).

MDANT1
AWMDCCA00100



GPS antenna for MDGPSE GPS module. Magnetic base

Cable length: 2 m. **Weight:** 53 g (packed product).

MDANT2
AWMDCCA00200



GPS + GSM antenna that can be connected to MDGPSE GPS module and MDGSME GSM module. To be mounted on metal support with a 19 mm diameter hole

Cable length: 5 m. **Weight:** 366 g (packed product).

Modules for home & building automation interfacing

ELMOGWAY
ACMDIMP00100



Gateway allowing data communication between EL.MO. intrusion detection units and automation systems based on MODBUS, KNX and SCS protocols

Compatibility: all the EL.MO. intrusion detection control units on catalogue; TACÓRA fire detection panel. **Connection to control units:** via LAN (with EL.MO. LAN board), via RS232 serial line or via USB. Native functions: MODBUS TCP and RTU interface. Interaction with units through reading and commands. **Programming:** via webserver. **Power supply:** 10 - 16 Vdc, 3 W power consumption. **Dimensions:** W 90 × H 98 × D 62 mm (5 DIN modules).

ELMOGWAY2
ACMDIMP00200



Small-sized gateway allowing data communication between EL.MO. intrusion detection units and automation systems based on MODBUS, KNX and SCS protocols

Compatibility: all the EL.MO. intrusion detection control units on catalogue; TACÓRA fire detection panel. **Connection to control units:** via LAN (with EL.MO. LAN board) or via USB. Native functions: MODBUS TCP and RTU interface. Interaction with units through reading and commands. **Programming:** via webserver. **Power supply:** 10 - 16 Vdc, 3 W power consumption. **Dimensions:** W 90 × H 36 × D 62 mm (2 DIN modules).

ETREIB
ACMDIKX00100



Interface allowing data communication between compatible EL.MO. units and automation systems based on EIB standard

Compatibility: ETR48M, ETR48Q, ETR100M, ETR100Q, ETR128, ETR128R, ETR256, ETR512, NET832, NET9, VILLEGGIO, PREGIO and PROXIMA (PREGIO and PROXIMA with MDRS232). To be installed inside the control unit case. **Power supply:** DC12V supplied by the control unit. **Consumption at power voltage - Maximum:** 100 mA. **Weight:** 245 g (packed product).

Serial modules and interfaces

RPX485
ACMDIIS00800



Serial line repeater able to repeat, regenerate and functionally isolate the ULTRABUS RS485 serial line

Compatibility: ETR, TITANIA, VIDOMO2K, PROXIMA and PREGIO control units. **Functions:** it allows to extend the serial line up to 3 km (2 RPX485 in cascade configuration), with possibility to create star structures. **Weight:** 122 g (packed product). **Power supply:** 12 Vcc. **Certifications:** IMQ-Alarm EN50131-3 grade 2-3 according to the system it is installed in, environmental class II.

SF485
ACCIV0001400



SSF protection filter for RS-485/422 serial lines. Protects up to 3 serial lines at the same time

Outputs: 3 DC12V outputs for power supply distribution. **Power supply:** 12 Vcc. **Weight:** 120 g (packed product).

MDRS232
ACMDIIS00600



Board for RS232 interfacing for connection to ETR EIB Konnex module

Compatibility: PROXIMA and PREGIO1000/PREGIO1000BM/PREGIO2000. **Power supply:** DC12V from control units. **Max. power consumption:** 1 mA.

ETRBUSCNV
ACMDIIS00200



Serial bus converter from CP80, CP90, CP100, ET8/48xx to ETR, Villeggio, NET serial bus

Functions: it allows replacing a previous version control unit with a new control unit with no need of wiring another serial bus or replacing concentrators that are not compatible with ETR protocol. **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 23 mA.

Wireless modules

AT42K
AWMDIIA00200



NG-TRX wireless actuator with 4 outputs

Compatibility: VIDOMO2K, VICOMPACT2K control units and GATEWAY2K module. **Wireless range:** 2000 m (with clear line of sight). **Outputs:** 1 × 16A relay output and 3 × 6A relay outputs. **Programming:** via BrowserOne software. **Housing:** plastic, protected against cover opening and removal from the wall. **Dimensions:** W 167 × H 121 × D 80 mm. **Weight:** 130 g. **Power supply:** AC230V. **Consumption at power voltage - Idle mode:** 80 mA.

AT22K
AWMDIIA00300



NG-TRX radio actuator. Particularly suitable for interfacing NG-TRX control units to rolling shutter control automation systems

Compatibility: VIDOMO2K, VICOMPACT2K control units and GATEWAY2K module. **Wireless range:** 2000 m (with clear line of sight). **Outputs:** 2 × 5 A relay outputs controllable from remote or locally using dedicated interlocked input wires. **Programming:** via BrowserOne software. **Dimensions:** H 43 × L 22 × D 38 mm (can be housed inside a recessed box, occupation: 1 module). **Weight:** 36 g. **Power supply:** AC230V. **Consumption at power voltage - Maximum:** 16 mA.

GATEWAY2K
A1MDING00400



Gateway for NG-TRX systems to receive and transmit signals/commands to and from all the NG-TRX wireless devices

Communication interface: RS-485 ULTRABUS. **Compatibility:** VIDOMO2K, PREGIO e PROXIMA units. **Wireless range:** 1600 m (with clear line of sight). **Programming:** via dip switch and using BrowserOne software. Up to 2 GATEWAY2K for each control unit can be enabled to command transmissions. **Protection class:** IP3X. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 71 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Idle mode:** 41 mA; **Transmitting:** 67.0 mA. **Certifications:** IMQ-Security Systems EN 50131-5-3 grade 2, environmental class II.



RPPLUS
AWMDIIR00400



Two-way wireless repeater to extend control units and wireless accessories operating range. Storage of 40 wireless devices

Compatibility: VILLEGGIO, HERCOLA, HALLEY, HALENTE, RIVERRF and RIVERRF-PLUS. **Wireless range:** 150 m (with clear line of sight). **Dimensions:** W 128 × H 82 × D 25 mm. **Weight:** 200 g. **Protection class:** IP3X. **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 28 mA. **Battery:** DC9V.

RXMULTI2K
AWMDIIT00700



Multichannel NG-TRX wireless receiver with relay outputs

Compatibility: all remote controls and detectors belonging to the NG-TRX range (except VISIO2K, SMCOR2K, SMR2K). **Functions:** it can receive alarm, anomaly and tamper events from various wireless devices and will activate its outputs according to programmable logics. **Outputs:** 2 programmable outputs with electromechanical relays (max 3 A @ 24 V) + 6 programmable outputs with solid state relays (max 100 mA @ 24 V) + 1 NO anomaly output + 1 NC tamper output. **Channels:** up to 64 wireless channels managed, divided among the various connected devices. **Programming:** via BrowserOne software. **Housing:** plastic, protected against opening and removal from mounting surface. For indoor installation. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 90 g. **Power supply:** 12 Vdc (11- 15 Vdc). **Consumption at power voltage - Idle mode:** 35 mA; **Alarm mode:** 80.0 mA.

RX8CH
AWMDIIT00600



8-channel wireless receiver with relay outputs

Compatibility: all remote controls and detectors belonging to Helios system, Villeggio and Hercola. **Wireless range:** 50 m (with clear line of sight) to receive the codes generated by remote controls). **Alarm relays:** 8 on-board alarm relays (2 electromechanical and 6 solid-state relays). **Outputs:** 1 relay output for anomalies. 1 relay output for tampering. LED interface. **Housing:** ABS plastic. For installation indoors. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 150 g (packed product). **Power supply:** 12 Vcc. **Consumption at power voltage - Alarm mode:** 22.0 mA.

MDTEMP
RWRTA0000200



Remote wireless temperature sensor

Compatibility: VILLEGGIO series control units. **Protection class:** IP4X. **Dimensions:** W 34 × H 19 × D 50 mm. **Weight:** 50 g. **Power supply:** 3.6 V from ER14250 battery. **Max. power consumption:** 17 mA.

Fire detection interface

ETRTRAI
ACMDIII00100



Serial concentrator to be used with intrusion detection control units connected on serial lines to connect analogue addressable detectors

Compatibility: ETR control units. **Managed sensors:** 64 chosen among NAM-AS2B, NAM4-AS2B, ST-NCP-EN2, ST-PY-AS, ST-H-AS, OCM-AS2B, OCM4-AS2B, IOM4-AS2B, NAM-ASG, MCM-AS3B, SCM-AS2B, MTB, RFP-AS2B, ST-NCP-IP. **Housing:** metal, protected against opening and removal. **Dimensions:** W 240 × H 176 × D 99 mm. **Weight:** 1850 g (packed product). **Consumption at power voltage - Idle mode:** 156 mA; **Maximum:** 1740 mA. **Power supply:** 12 Vcc.

Various circuits

CSBATT
ACCIV0000100



Battery disconnection circuit. It prevents maximum discharge conditions of backup batteries mounted on DC12V equipment

Battery release voltage: 9.0 V. **Power supply:** 12 Vcc. **Max. power consumption:** 40 mA. **Dimensions:** W 110 × H 65 × D 28 mm. **Weight:** 100 g (packed product).

FAR
ACCIV0001600



Double-T Filter for interferences suppression on AC230V power lines

Max range: 2 A. **Power supply:** AC230V. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 200 g (packed product).

MAV/12
ACCIV0000700



DC12V power supply distribution module with 12 fuse-protected outputs

Dimensions: W 195 × H 95 × D 28 mm. **Weight:** 150 g (packed product). **Power supply:** 12 Vcc. **Max. power consumption:** 50 mA.

MAV/6
ACCIV0000800



DC12V power supply distribution module with 6 fuse-protected outputs

Dimensions: W 130 × H 77 × D 28 mm. **Weight:** 100 g (packed product). **Power supply:** 12 Vcc. **Max. power consumption:** 50 mA.

MAV8100
ACCIV0001800



DC12V power supply distribution module with 1 input and 8 outputs (100 mA each)

Dimensions: W 115 × H 37 × D 18 mm. **Weight:** 100 g (packed product). **Power supply:** 12 Vcc.

R24H/AA
ACCIV0000900



1-modular line repeater circuit. It can be used to signal the disqualification of IRB linear detectors to the control unit.

Dimensions: W 50 × H 30 × D 17 mm. **Weight:** 20 g (packed product). **Consumption at power voltage - Maximum:** 20 mA. **Power supply:** 12 Vcc.

R24H/RP
ACCIV0001000



Power relay circuit for 24h alarm output

Dimensions: W 65 × H 40 × D 24 mm. **Weight:** 40 g (packed product). **Consumption at power voltage - Maximum:** 50 mA. **Power supply:** 12 Vcc.

Spacers

LCB/50
A1DST0000200

50-pc adhesive bases box

Weight: 60 g (packed product, 50 bases).

Access control interfaces

Controller

PASSCT01
COEPA0000200



SOON AVAILABLE

DIN rail PASSCONTROLLER controller for 1 gate, expandable up to 32, powered via PoE

Compatibility: all control access lines compatible with PASSMANAGER. **Zones:** 5 programmable inputs (door status, exit button, 1 free input, 1 arming request, 1 tamper). 2 inputs for external readers. **Outputs:** 7 outputs (2 × DC 30 V / 1 A max relays, 5 × 20 mA max open collector outputs). **Functions:** complete gate control, expandable with max 31 PASSGATE modules over TERABUS line. **User interface:** system configuration web interface. **Housing:** DIN rail housing, 12 DIN modules. **Management software:** PASSMANAGER. **Working temperature:** -10 - 55 °C. **Dimensions:** W 213 × H 91 × D 62 mm. **Power supply:** PoE / DC 12 V.

PASSCT02
COEPA0000300



SOON AVAILABLE

DIN rail PASSCONTROLLER controller for 1 gate, expandable up to 32

Compatibility: all control access lines compatible with PASSMANAGER. **Zones:** 5 programmable inputs (door status, exit button, 1 free input, 1 arming request, 1 tamper). 2 inputs for external readers. **Outputs:** 7 outputs (2 × DC 30 V / 1 A max relays, 5 × 20 mA max open collector outputs). **Functions:** complete gate control, expandable with max 31 PASSGATE modules over TERABUS line. **User interface:** system configuration web interface. **Housing:** DIN rail housing, 12 DIN modules. **Management software:** PASSMANAGER. **Working temperature:** -10 - 55 °C. **Dimensions:** W 213 × H 91 × D 62 mm. **Power supply:** 12 Vcc.

PASSGATE
COEPA0000100



NEW

Single-door access control passive interface module (1 reader IN / 1 reader OUT)

Compatibility: passive control interface controlled by PASSCONTROLLER controllers and by PROXIMA series intrusion detection control units. **Zones:** 5 programmable inputs (door status, exit button, 1 free input, 1 arming request, 1 tamper). 2 inputs for external readers. **Outputs:** 7 outputs (2 × DC 30 V / 1 A max relays, 5 × 30 mA max open collector outputs). **O.C. output maximum current:** 30 mA. **Working temperature:** -10 - 55 °C. **Power supply:** 12 V. **Weight:** 107 g. **Dimensions:** W 129 × H 80 × D 20 mm. **Relative humidity:** max 93%. **Power supply:** 12 Vcc. **Idle mode:** 10 mA. **Max. power consumption:** 26 mA.

ICON100AVR
COICO0000300



Single-door Access Control Panel, (1 reader IN / 1 reader OUT). PassManager and STANDARD software required

Memorization: from 10,000 up to 50,000 users, from 50,000 to 10,000 events storing in flash memory. **Management:** up to 16 controllers connectable on serial bus of ETR and TITANIPLUS series panels to integrate intrusion detection and access control functions. Management: Stand-Alone and Network configuration via RS232 (Max 1 device) / RS422 (32 devices max), and via TCP/IP (LAN Converter ILAN422 required). **Zones:** 5 NO inputs (door status, exit button, 2 free inputs, 1 tamper). 2 inputs for external readers (26bit Wiegand). **Outputs:** 4 outputs (2 relay outputs 2A max, 2 TTL 5Vdc 20mA). **Time schedules:** definition of 10 weekly time bands with 5 daily intervals and 10 holidays (up to 32 days per holiday). **Dimensions:** W 137 × H 137 × D 19 mm. **Housing:** optional C10SW housing available. **Power supply:** 12Vcc forniti dalla centrale o da box remoto. **Max. power consumption:** 200 mA.

ETRVARCO
ACMDIIA00100



Optional access control module that can be connected to control units bus to manage passages through doors

Compatibility: ETR, TITANIA, PROXIMA control units. **Zones:** inputs for I66 and I7 readers. 2 RF card reader inputs operating with Wiegand 26 bit protocol. 1 input for exit button management. **Outputs:** 1 relay output and 2 open collector outputs. **Power supply:** DC13.8V. **Max. power consumption:** 50 mA. **Weight:** 140 g (packed product).

MIFARE 13.56 MHz line

Readers

R2
LCMIX0000100
MIFARE



e-Pass line indoor/outdoor MIFARE 13.56 MHz proximity reader

Operation: RF only (PIN). **Functions:** built-in watch-dog. **Built-in interfaces:** 34 bit Wiegand output. **Controller:** PASSCONTROLLER, PASSGATE, ICON100AVR. **LED indicators:** 1 LED (red, green, blue). **Buzzer:** built-in. **Protection class:** IP65. **Dimensions:** W 51 × H 100 × D 20 mm. **Operative condition:** -20 - 70 °C, r.h.. 5 - 95%. **Power supply:** DC 9 - 24 V. **Max. power consumption:** 150 mA.

R2K
LCMIX0000200
MIFARE



e-Pass line indoor/outdoor MIFARE 13.56 MHz proximity reader with backlit 12-key keypad for typing passwords and PINs

Operation: RF only (PIN) / PIN only / RF (PIN) + password. **Functions:** built-in watchdog. **Controller:** PASSCONTROLLER, PASSGATE, ICON100AVR. **Built-in interfaces:** 34 bit Wiegand output, 4 bit burst for pin. **Keypad:** 12 backlit keys. **LED indicators:** 1 LED (red, green, blue). **Buzzer:** built-in. **Protection class:** IP65. **Dimensions:** W 80 × H 120 × D 20 mm. **Weight:** 175 g. **Power supply:** DC 9 - 24 V. **Max. power consumption:** 150 mA.

RDESKMF
LCDSK0000300
MIFARE



Desk MIFARE 13.56 MHz proximity reader with USB interface

Built-in interfaces: USB, cable length 1.2 m. **Reading range:** 0 to 5 cm according to the badge type used, reading speed <200 ms. **Data format:** MIFARE 13.56 MHz cards. **LED indicators:** Two-colour LED (red and green). **Buzzer:** built-in. **Housing:** black ABS plastic case. **Dimensions:** W 80 × H 26 × D 110 mm. **Weight:** 160 g. **Power supply:** DC 5 V.

Special readers

RFICR
LCMFR0000400
MIFARE
FERSERVIZI



Indoor proximity reader for "FERSERVIZI" and MIFARE 13.56 MHz contactless cards

Cards positioning: Front. **Output format:** 26 bit Wiegand, 34 bit Wiegand. **Wirings:** Terminal connections. **Operating indications:** 2 LED (red, green). **Housing:** ABS white plastic. **Protection class:** IP3X. **Dimensions:** W 82 × H 128 × D 31 mm. **Weight:** 106 g. **Operative condition:** +0 /+50 °C. **Power supply:** DC12V (from 1.5 to 26V). **Max. power consumption:** 100 mA.

RFICREXT
LCMFR0000500
MIFARE
FERSERVIZI



Outdoor proximity reader for "FERSERVIZI" and MIFARE 13.56 MHz contactless cards

Cards positioning: Front. **Output format:** 26 bit Wiegand, 34 bit Wiegand. **Wirings:** Terminal connections. **Operating indications:** 2 LED (red, green). **Housing:** ABS white plastic. **Protection class:** IP65. **Dimensions:** W 122 × H 120 × D 55 mm. **Weight:** 230 g. **Operative condition:** +0 /+50 °C. **Power supply:** DC12V (from 1.5 to 26V). **Max. power consumption:** 100 mA.

Cards and tags

ISC80P
TTMFR0001300
MIFARE



Passive MIFARE (RF 13.56 MHz) proximity reading card

ISC80P25
TTMFR0001400
MIFARE



Passive MIFARE (RF 13.56 MHz) proximity reading card, 25 pcs.
Package: 25 pieces.

ISC80P50
TTMFR0001500
MIFARE



Passive MIFARE (RF 13.56 MHz) proximity reading card, 50 pcs.
Package: 50 pieces.

ISK50
TTMFR0000700
MIFARE

Passive MIFARE proximity tag (RF 13.56 MHz)

ISK5025
TTMFR0000800
MIFARE

Passive MIFARE proximity tag (RF 13.56 MHz), 25 pcs.
Package: 25 pieces.

ISK5050
TTMFR0000900
MIFARE

Passive MIFARE proximity tag (RF 13.56 MHz), 50 pcs.
Package: 50 pieces.

EM 125 kHz line

Readers

R1
LCIPA0000600
EM



e-Pass line indoor/outdoor EM 125 kHz proximity reader

Operation: RF only (PIN). **Controller:** PASSCONTROLLER, PASSGATE, ICON100AVR, ITDC, IP100R, IP505R. **Functions:** 100 ms verification time, surge protection, watch-dog, anti-collision algorithm, self-diagnosis. **Built-in interfaces:** 26 bit Wiegand output. **LED indicators:** 1 LED (red, green, blue). **Protection class:** IP65. **Buzzer:** built-in. **Operative condition:** -20 - 70 °C, r.h.. 5 - 95%. **Dimensions:** W 51 × H 100 × D 20 mm. **Power supply:** DC 9 - 24 V. **Max. power consumption:** 150 mA.

R1S
LCIPA0000800
EM



e-Pass line indoor EM 125 kHz proximity reader

Operation: RF only (PIN). **Reading range:** from 5 to 10 cm according to used cards. **Controller:** PASSCONTROLLER, PASSGATE, ICON100AVR, ITDC, IP100R, IP505R. **Functions:** 100 ms verification time, surge protection, watch-dog, anti-collision algorithm, self-diagnosis. **Built-in interfaces:** 26 bit Wiegand output. **LED indicators:** 1 LED (red, green, blue). **Buzzer:** built-in. **Dimensions:** W 35 × H 100 × D 25 mm. **Weight:** 90 g. **Operative condition:** 0 - 65 °C, r.h. 5 - 95%. **Power supply:** DC 9 - 24 V. **Max. power consumption:** 150 mA.

R1K
LCIPA0000700
EM



e-Pass line indoor/outdoor EM 125 kHz proximity reader with backlit 12-key keypad for typing passwords and PINs

Operation: RF only (PIN) / PIN only / RF (PIN) + password. **Controller:** PASSCONTROLLER, PASSGATE, ICON100AVR, ITDC, IP100R, IP505R. **Built-in interfaces:** 26 bit Wiegand output, 4 bit burst for pin. **Functions:** 100 ms verification time, surge protection, watch-dog, anti-collision algorithm, self-diagnosis. **Keypad:** 12 backlit keys. **LED indicators:** 1 LED (red, green, blue). **Buzzer:** built-in. **Protection class:** IP65. **Dimensions:** W 80 × H 120 × D 20 mm. **Operative condition:** -20 - 70 °C, r.h.. 5 - 95%. **Power supply:** DC 9 - 24 V. **Max. power consumption:** 150 mA.

IPK101
LCIPA0000100
EM



Indoor EM 125 kHz proximity reader with backlit 12-key keypad for typing passwords and PINs

Operation: RF only (PIN) / PIN only / RF (PIN) + password. **Reading range:** from 5 to 10 cm according to used cards. **Controller:** PASSCONTROLLER, PASSGATE, ICON100AVR, ITDC, IP100R, IP505R. **Keypad:** 12 backlit keys. **Built-in interfaces:** 26 bit Wiegand output, 8 bit burst for pin, RS-232 (TXT). **LED indicators:** 3 LEDs. **Buzzer:** built-in. **Dimensions:** W 87 × H 100 × D 31 mm. **Power supply:** 12 Vcc. **Max. power consumption:** 150 mA.

IP10
LCIPA0000200
EM



Indoor/outdoor EM 125 kHz proximity reader

Operation: RF only (PIN). **Reading range:** from 5 to 10 cm according to used cards. **Controller:** PASSCONTROLLER, PASSGATE, ICON100AVR, ITDC, ETRVARCO, IP100R, IP505R. **Built-in interfaces:** 26 bit Wiegand output. **LED indicators:** 1 LED (red and green) and internal buzzer. **Buzzer:** built-in. **Protection class:** IP66. **Dimensions:** W 46 × H 122 × D 23 mm. **Power supply:** 12 Vcc. **Max. power consumption:** 150 mA.

RDESKEM
LCDSK0000100
EM



Desk EM 125 kHz proximity reader with USB interface

Built-in interfaces: USB, cable length 1.2 m. **Reading range:** 0 to 5 cm according to the badge type used, reading speed <200 ms. **Data format:** EM 125 kHz cards. **LED indicators:** Two-colour LED (red and green). **Buzzer:** built-in. **Housing:** black ABS plastic case. **Dimensions:** W 80 × H 26 × D 110 mm. **Weight:** 160 g. **Power supply:** DC 5 V.

Cards and tags

IPC80P
TTIPA0000100
EM

Passive proximity reading card (EM 125kHz), reading distance up to 10 cm. Surface customizable upon request

IPC80P25
TTIPA0000200
EM

Standard proximity reading card (EM 125 kHz), 25 pcs.

Package: 25 pieces.

IPC80P50
TTIPA0000300

EM

Standard proximity reading card (EM 125 kHz), 50 pcs.
Package: 50 pieces.

IPK50
TTIPA0000700

EM

Passive proximity tag (EM 125 kHz), up to 5 cm reading distance
Material: ABS, white, equipped with hole for key ring. Dimensions: W 46 × D 28 × H 6 mm.

IPK5025
TTIPA0001000

EM

Passive proximity tag (EM 125 kHz), 25 pcs.
Package: 25 pieces.

IPK5050
TTIPA0001100

EM

Passive proximity tag (EM 125 kHz), 50 pcs.
Package: 50 pieces.

IPTAG
TTIPA0001200

EM

Adhesive passive proximity tag (EM 125 kHz)

IPTAG25
TTIPA0001300

EM

Adhesive passive proximity tag (EM 125 kHz), 25 pcs.
Package: 25 pieces.

IPTAG50
TTIPA0001400

EM

Adhesive passive proximity tag (EM 125 kHz), 50 pcs.
Package: 50 pieces.

Intrusion detectors

Wireless detectors

For information on compatibility between accessories and products, see the tables at the end of the catalogue.

Indoor NG-TRX wireless detectors

SCORPIO2K

RWRIRMP03300



Wireless NG-TRX IR detector, 15 m range

Technology: IR. **Wireless range:** 2000 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K and GATEWAY2K. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 15 m adjustable in 2 steps. **No. of IR sensitive zones:** 18 on 4 levels. **IR coverage:** volumetric, 81° opening. **Functions:** protection against removal. **Programming:** via BrowserOne software. **Dimensions:** W 64 × H 110 × D 48 mm. **Weight:** 120 g. **Power supply:** ER14250 3.6V 1.2Ah lithium battery (provided). **Consumption at power voltage - Transmitting:** 23.0 mA; **Inactive mode:** 7.8 µA. **Maximum autonomy:** 3.5 years. **Certifications:** IMQ-Alarm EN 50131-5-3 and EN 50131-2-2 grade 2, environmental class II.

ACCESSORIES - Swivel mount kit: SN/D299. **Swivel mount kit:** SN/D2099. **Lens:** SML/20. **Lens:** SML/PP. **Lens:** SML/TO.

CONDOR2K

RWRDTMP04900



Wireless NG-TRX dual technology detector, 12 m range

Technology: MW + IR. **Wireless range:** 2000 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K and GATEWAY2K. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 12 m adjustable in 2 steps. **MW coverage:** 80° horizontally, 32° vertically. **No. of IR sensitive zones:** 18 on 4 levels. **IR coverage:** volumetric, 81° opening. **Functions:** protection against removal. **Programming:** via BrowserOne software. **Dimensions:** W 64 × H 110 × D 48 mm. **Weight:** 120 g. **Power supply:** 7,2 V. **Consumption at power voltage - Inactive mode:** 15.0 µA; **Transmitting:** 22.0 mA. **Maximum autonomy:** 3 years. **Certifications:** IMQ-Security Systems EN 50131-2-4 and EN 50131-5-3 grade 2, environmental class II.

ACCESSORIES - Swivel mount kit: SN/D299. **Swivel mount kit:** SN/D2099. **Lens:** SML/TO.

Indoor wireless detectors

SCORPIO

RWRIRMP03800



Wireless IR detector, 15 m range

Technology: IR. **Wireless range:** 150 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K, HERCOLA, ETR/PREGIO/TITANIA series (using RIVERRF/RIVERRFPLUS), RX8CH module, HALLEY and HALENTE. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 15 m adjustable in 2 steps. **No. of IR sensitive zones:** 18 on 4 levels. **IR coverage:** volumetric, 81° opening. **Functions:** protection against removal. **Dimensions:** W 64 × H 110 × D 48 mm. **Weight:** 120 g. **Power supply:** ER14250 3.6V 1.2Ah lithium battery (provided). **Consumption at power voltage - Transmitting:** 16.0 mA; **Inactive mode:** 28.0 µA. **Maximum autonomy:** 3 years. **Standards:** compliant with EN50131-5-3 and EN50131-2-2 grade 1, environmental class II.

ACCESSORIES - Swivel mount kit: SN/D299. **Swivel mount kit:** SN/D2099. **Lens:** SML/20. **Lens:** SML/PP. **Lens:** SML/TO.

CONDOR

RWRDTMP04700



Wireless dual technology detector, 12 m range

Technology: MW + IR. **Wireless range:** 150 m. **Compatibility:** VIDOMO2K, VICOMPACT2K, HERCOLA, ETR/PREGIO/TITANIA series (using RIVERRF/RIVERRFPLUS concentrators), RX8CH, HALLEY and HALENTE modules. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 12 m adjustable in 2 steps. **MW coverage:** 80° horizontally, 32° vertically. **No. of IR sensitive zones:** 18 on 4 levels. **IR coverage:** volumetric, 81° opening. **Functions:** protection against removal. **Dimensions:** W 64 × H 110 × D 48 mm. **Weight:** 120 g. **Power supply:** 2ER14505 7.2V 2.4Ah lithium battery (provided). **Consumption at power voltage - Transmitting:** 15.0 mA; **Inactive mode:** 40.0 µA. **Maximum autonomy:** 2 years. **Standards:** compliant with EN50131-5-3 and EN50131-2-4 grade 1, environmental class II.

ACCESSORIES - Swivel mount kit: SN/D299. **Swivel mount kit:** SN/D2099. **Lens:** SML/TO.

Wireless NG-TRX detectors for special applications

BLADE2K RWRIRMP03100



Wireless NG-TRX IR detector with curtain coverage, contact and rolling shutter zones, 4 m range

Technology: IR. **Wireless range:** 750 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K and GATEWAY2K. **Use:** between windows/doors and shutters/blinds. **Installation:** vertical on struts or horizontal on lintels. **Detection range:** max 4 m (adjustable). **No. of IR sensitive zones:** 2 beams. **IR coverage:** 15°-opening vertical curtain. **Functions:** protection against removal (with KSAS1013 optional kit). **Programming:** via BrowserOne software. **Terminal inputs:** 2 configurable inputs (magnetic contact or roll-up shutter) + 1 × 24h terminal input. **Dimensions:** W 35 × H 96 × D 34 mm. **Weight:** 65 g. **Colour:** white (BLADE2K) / brown (BLADEM2K). **Power supply:** ER14250 3.6V 1.2Ah lithium battery (provided). **Consumption at power voltage - Inactive mode:** 12.0 µA; **Transmitting:** 22.0 mA. **Maximum autonomy:** 3 years. **Certifications:** IMQ-Security Systems EN 50131-2-2 and EN 50131-5-3 grade 2, environmental class II.

BLADEM2K RWRIRMP03200



BLADE2K detector in brown case

FLY2K RWRDTMS00700



NG-TRX ceiling mount detector, 8 m range for installation at 4 m

Technology: IR + MW. **Wireless range:** 1200 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K and GATEWAY2K. **Use:** indoor. **Installation:** ceiling mount. **Detection range:** cone-shaped coverage with 8 m max base for installation up to 4 m. **MW coverage:** cone-shaped. **IR coverage:** volumetric, cone-shaped sectors. **No. of IR sensitive zones:** 55 over 6 conic sectors. **Functions:** anti-blinding, protection against removal. **Programming:** via BrowserOne software. **Dimensions:** W 151 × H 159 × D 36 mm. **Weight:** 206 g. **Power supply:** 2ER14505 7.2V 2.4Ah lithium battery (provided). **Consumption at power voltage - Inactive mode:** 29.0 µA; **Transmitting:** 24.0 mA. **Autonomy:** 2 years. **Certifications:** IMQ-Security Systems EN 50131-2-4, EN 50131-5-3 grade 2, environmental class II.

FLY2K RWRDTMS00800

FLY2K detector with 9.9 GHz frequency

FLY82K RWRDTMS00900



NG-TRX ceiling mount detector, 8 m range for installation at 8 m

Technology: IR + MW. **Wireless range:** 1200 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K and GATEWAY2K. **Use:** indoor. **Installation:** ceiling mount. **Detection range:** cone-shaped coverage with 8 m max base for installation up to 8 m. **MW coverage:** cone-shaped. **IR coverage:** volumetric, cone-shaped sectors. **No. of IR sensitive zones:** 19 over 3 conic sectors. **Functions:** anti-blinding, protection against removal. **Programming:** via BrowserOne software. **Dimensions:** W 151 × H 159 × D 36 mm. **Weight:** 206 g. **Power supply:** 2ER14505 7.2V 2.4Ah lithium battery (provided). **Consumption at power voltage - Inactive mode:** 29.0 µA; **Transmitting:** 24.0 mA. **Autonomy:** 2 years. **Certifications:** IMQ-Security Systems EN 50131-2-4, EN 50131-5-3 grade 2, environmental class II.

FLY82K RWRDTMS01000

FLY82K detector with 9.9 GHz frequency

Wireless detectors for special applications

BLADERF RWRIRMP03400



Wireless IR detector for horizontal or vertical installation between the windows/doors and shutters/blinds

Technology: IR. **Wireless range:** 120 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K, HERCOLA, ETR/PREGIO/TITANIA series (using RIVERRF/RIVERRFPLUS), RX8CH module, HALLEY and HALENTE. **Use:** between windows/doors and shutters/blinds. **Installation:** vertical on struts or horizontal on lintels. **Detection range:** max 4 m. **No. of IR sensitive zones:** 2 beams. **IR coverage:** 15°-opening vertical curtain. **Terminal inputs:** 1 roll-up shutter input, 1 magnetic contact input, 1 24H input. **Dimensions:** W 35 × H 96 × D 34 mm. **Weight:** 65 g. **Colour:** white (BLADERF) / brown (BLADERFM). **Power supply:** ER14250 3.6V 1.2Ah lithium battery (provided). **Consumption at power voltage - Inactive mode:** 28.0 µA; **Alarm mode:** 16.0 mA. **Maximum autonomy:** 4 years. **Standards:** compliant with EN50131-5-3 and EN50131-2-2 grade 1, environmental class II.

BLADERFM
RWRIRMP03700




BLADERF detector in brown case

Outdoor NG-TRX wireless detectors

GRIFO2K
RWRDTMP04000





Wireless NG-TRX dual technology IP55 outdoor detector, 7 m range

Technology: IR + MW. **Wireless range:** 1500 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K and GATEWAY2K. **Use:** indoor/outdoor. **Installation:** wall mount, corner mount with ANGSGX optional bracket, or oriented with SNDSGX optional swivel. **Detection range:** max 7 m adjustable in 4 steps. **MW coverage:** 80° horizontally, 35° vertically. **No. of IR sensitive zones:** 18 areas on 4 levels. **IR coverage:** volumetric, 81° opening. **Functions:** anti-blinding, protection against removal (with KSAS1013 / KSAS1032 optional kit). **Programming:** via BrowserOne software. **Dimensions:** W 39 × H 155 × D 44 mm. **Weight:** 140 g. **Power supply:** 2ER14505 7.2V 2.4Ah lithium battery (provided). **Consumption at power voltage - Inactive mode:** 19.0 µA; **Transmitting:** 23.0 mA. **Autonomy:** 2.5 year. **Certifications:** IMQ-Security Systems EN 50131-5-3 and EN 50131-2-4 grade 2, environmental class IV.

ACCESSORIES - Swivel mount: SNDSGX. **Bracket for corner mount:** ANGSGX. **Sunshield:** CUPSGX.

STRIXO2K
RWRDTMP02900





Dual technology NG-TRX IP55 outdoor detector with vertical protection lens, 8 m range

Technology: MW + IR. **Wireless range:** 1500 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K and GATEWAY2K. **Use:** indoor/outdoor. **Installation:** between windows/doors and shutters/blinds (also with the SNDSGX optional bracket) or along the wall with the SNDSGX optional bracket. **Detection range:** max 8 m adjustable in 4 steps. **MW coverage:** 80° horizontally, 35° vertically. **No. of IR sensitive zones:** 2 beams. **IR coverage:** 7° horizontally, 90° vertically. **Functions:** anti-blinding, protection against removal (with KSAS1013 / KSAS1032 optional kit). **Programming:** via BrowserOne software. **Terminal inputs:** 2 configurable inputs (magnetic contact or roll-up shutter) + 1 × 24H terminal input. **Dimensions:** W 39 × H 155 × D 44 mm. **Weight:** 140 g. **Power supply:** 2ER14505 7.2V 2.4Ah lithium battery (provided). **Consumption at power voltage - Transmitting:** 23.0 mA. **In-active mode:** 21.0 µA. **Autonomy:** 2.5 year. **IMQ certified:** EN50131-2-4: grade 2; EN50131-5-3.

ACCESSORIES - Swivel mount: SNDSGX. **Bracket for corner mount:** ANGSGX. **Sunshield:** CUPSGX.

TRIAL2K
RWRDTMP04100





Triple technology NG-TRX IP55 outdoor detector with multifocal lens, 15 m range

Technology: MW + 2 IR. **Wireless range:** 2000 m (with clear line of sight). **Compatibility:** Villeggio NG-TRX and GATEWAY2K. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 2.10 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 80° horizontally, 32° vertically. **No. of IR sensitive zones:** 28 zones on 4 levels. 3 under-crawl zones on 1 level. **IR coverage:** volumetric with 94° aperture. **Functions:** under-crawl detection, anti-blinding, protection against removal (using KSAS1032 / KSAS1055 optional kits). **Dimensions:** W 95 × H 167 × D 75 mm. **Weight:** 270 g. **Power supply:** DC7.2V from 2ER14505 lithium battery (supplied). **Consumption at power voltage - Alarm mode:** 24.0 mA; **Inactive mode:** 24.0 µA. **Autonomy:** 2 years. **Certifications:** IMQ-Security Systems EN 50131-5-3 and EN 50131-2-4 grade 2, environmental class IV.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIAL2K
RWRDTMP04400

TRIAL2K detector with 9.9 GHz differentiated frequency

TRIALH2K RWRDTMP04200



Triple-technology NG-TRX IP55 outdoor detector with horizontal protection lens, 15 m range

Technology: MW + 2 IR. **Wireless range:** 2000 m (with clear line of sight). **Compatibility:** Villeggio NG-TRX and GATEWAY2K. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 1-1.5 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 80° horizontally, 32° vertically. **No. of IR sensitive zones:** 27 zones on 1 level. **IR coverage:** horizontal curtain, 90° opening. **Functions:** anti-blinding, protection against removal (using KSAS1032 / KSAS1055 optional kits). **Dimensions:** W 95 x H 167 x D 75 mm. **Weight:** 270 g. **Power supply:** DC7.2V from 2ER14505 lithium battery (supplied). **Consumption at power voltage - Alarm mode:** 24.0 mA; **Inactive mode:** 19.0 µA. **Autonomy:** 2 years. **Certifications:** IMQ-Security Systems EN 50131-5-3 and EN 50131-2-4 grade 2, environmental class IV.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIALH2K RWRDTMP04500

TRIALH2K detector with 9.9 GHz differentiated frequency

TRIALV2K RWRDTMP04300



NG-TRX dual technology detector with vertical protection lens. IP55 for outdoor use, 15 m range

Technology: MW + IR. **Wireless range:** 2000 m (with clear line of sight). **Compatibility:** Villeggio NG-TRX and GATEWAY2K. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 2.10 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 80° horizontally, 32° vertically. **No. of IR sensitive zones:** 1 zone on the vertical level. 3 under-crawl zones on 1 level. **IR coverage:** vertical curtain, 5.6° opening. **Functions:** under-crawl detection, anti-blinding, protection against removal (using KSAS1032 / KSAS1055 optional kits). **Dimensions:** W 95 x H 167 x D 75 mm. **Weight:** 270 g. **Power supply:** DC7.2V from 2ER14505 lithium battery (supplied). **Consumption at power voltage - Alarm mode:** 24.0 mA; **Inactive mode:** 24.0 µA. **Autonomy:** 2 years. **Certifications:** IMQ-Security Systems EN 50131-5-3 and EN 50131-2-4 grade 2, environmental class IV.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIALV2K RWRDTMP04600

TRIALV2K detector with 9.9 GHz differentiated frequency

Outdoor wireless detectors

GRIFOXR RWRDTMP01400



Wireless dual technology IP55 outdoor detector, 8 m range

Technology: IR + MW. **Wireless range:** 150 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K, HERCOLA, ETR/PREGIO/TITANIA series (using RIVERRF/RIVERRFPLUS concentrators), RX8CH, HALLEY and HALENTE modules. **Use:** indoor/outdoor. **Installation:** wall mount, corner mount with ANGSGX optional bracket, or oriented with SNDSGX optional swivel. **Detection range:** max 8 m adjustable in 2 steps. **MW coverage:** 80° horizontally, 32° vertically. **No. of IR sensitive zones:** 18 areas on 4 levels. **IR coverage:** volumetric, 81° opening. **Dimensions:** W 39 x H 155 x D 44 mm. **Weight:** 140 g. **Power supply:** 2ER14505 7.2V 2.4Ah lithium battery (provided). **Consumption at power voltage - Transmitting:** 16.0 mA; **Inactive mode:** 33.0 µA. **Autonomy:** 2.5 year. **Standards:** compliant with EN50131-5-3 and EN50131-2-2 grade 1, environmental class III.

ACCESSORIES - Swivel mount: SNDSGX. **Bracket for corner mount:** ANGSGX. **Sunshield:** CUPSGX.

STRIXORF RWRDTMP01500



Dual technology wireless IP55 outdoor detector with vertical protection lens, 8 m range

Technology: IR + MW. **Wireless range:** 150 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K, HERCOLA, ETR/PREGIO/TITANIA series (using RIVERRF/RIVERRFPLUS concentrators), RX8CH, HALLEY and HALENTE modules. **Use:** indoor/outdoor. **Installation:** between windows/doors and shutters/blinds (also with the SNDSGX optional bracket) or along the wall with the SNDSGX optional bracket. **Detection range:** max 8 m adjustable in 4 steps. **MW coverage:** 80° horizontally, 32° vertically. **No. of IR sensitive zones:** 2 beams. **IR coverage:** 7° horizontally, 90° vertically. **Terminal inputs:** 1 roll-up shutter input, 1 magnetic contact input, 1 24H input. **Dimensions:** W 39 x H 155 x D 44 mm. **Weight:** 140 g. **Power supply:** 2ER14505 7.2V 2.4Ah lithium battery (provided). **Consumption at power voltage - Alarm mode:** 16.0 mA; **Idle mode:** 33 µA. **Autonomy:** 2.5 years max. **Standards:** compliant with EN50131-5-3 and EN50131-2-2 grade 1, environmental class III.

ACCESSORIES - Swivel mount: SNDSGX. **Bracket for corner mount:** ANGSGX. **Sunshield:** CUPSGX.

TRIALRF RWRDTMP00400



Dual technology wireless IP55 outdoor detector with multifocal lens, 15 m range

Technology: MW + IR. **Wireless range:** 150 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K, HERCOLA, ETR/PREGIO/TITANIA series (using RIVERRF/RIVERRFPLUS concentrators), RX8CH, HALLEY and HALENTE modules. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 2.10 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 28 zones on 4 levels. 3 under-crawl zones on 1 level. **IR coverage:** volumetric with 94° aperture. **Functions:** under-crawl. **Dimensions:** W 95 x H 167 x D 75 mm. **Weight:** 270 g. **Power supply:** DC7.2V from 2ER14505 lithium battery (supplied). **Consumption at power voltage - Alarm mode:** 15.0 mA; **Inactive mode:** 40.0 µA. **Autonomy:** 2 years. **Standards:** compliant with EN50131-5-3 and EN50131-2-4 grade 1, environmental class III.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIALRF RWRDTMP01000

TRIALRF detector with 9.9 GHz differentiated frequency

TRIALRFH RWRDTMP00500



Dual technology wireless IP55 outdoor detector with horizontal protection lens, 15 m range

Technology: MW + IR. **Wireless range:** 150 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K, HERCOLA, ETR/PREGIO/TITANIA series (using RIVERRF/RIVERRFPLUS concentrators), RX8CH, HALLEY and HALENTE modules. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 1-1.5 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 27 zones on 1 level. **IR coverage:** horizontal curtain, 90° opening. **Dimensions:** W 95 x H 167 x D 75 mm. **Weight:** 270 g. **Power supply:** DC7.2V from 2ER14505 lithium battery (supplied). **Consumption at power voltage - Alarm mode:** 15.0 mA; **Inactive mode:** 40.0 µA. **Autonomy:** 2 years. **Standards:** compliant with EN50131-5-3 and EN50131-2-4 grade 1, environmental class III.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIALRFH RWRDTMP01100

TRIALRFH detector with 9.9 GHz differentiated frequency

TRIALRFV RWRDTMP00600



Dual technology wireless IP55 outdoor detector with vertical protection lens, 15 m range

Technology: MW + IR. **Wireless range:** 150 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K, HERCOLA, ETR/PREGIO/TITANIA series (using RIVERRF/RIVERRFPLUS concentrators), RX8CH, HALLEY and HALENTE modules. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 2.10 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 1 zone on the vertical level. 3 under-crawl zones on 1 level. **IR coverage:** vertical curtain, 5.6° opening. **Functions:** under-crawl. **Dimensions:** W 95 x H 167 x D 75 mm. **Weight:** 270 g. **Power supply:** DC7.2V from 2ER14505 lithium battery (supplied). **Consumption at power voltage - Alarm mode:** 15.0 mA; **Inactive mode:** 40.0 µA. **Autonomy:** 2 years. **Standards:** compliant with EN50131-5-3 and EN50131-2-4 grade 1, environmental class III.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIALRFV RWRDTMP01200

TRIALRFV detector with 9.9 GHz differentiated frequency

Wireless NG-TRX detector with advanced video-analysis functions



Wireless NG-TRX dual technology detector with advanced videoanalysis functions

Technology: IR + motion analysis. **Wireless range:** 1000 m (with clear line of sight). **Compatibility:** VIDOMO2K, VICOMPACT2K and GATEWAY2K. **Use:** indoor. **Detection range:** max 8 m. **Operation:** When supplied by battery: video analysis activation after IR pre-alarm. When supplied by both battery and DC12V: video analysis always active combined with IR. **No. of IR sensitive zones:** 18 areas on 4 levels. **IR coverage:** volumetric, 81° opening. **Video coverage area:** 90° horizontally, 70° vertically. **Functions:** video anti-masking, protection against removal. **Day/night video operation:** IR filter + IR illuminator with automatic activation according to light detection. **Motion video analysis:** With processing of images related to video alarm/tamper/masking. **Supervision time:** Fixed 5 mins. **Settable parameters:** IR sensitivity, IR range, video sensitivity, video quality (4 options), sensitive areas (35 areas), video tracking activation, masking activation, masking sensitivity. **Images display:** With e-Connect (push notifications, event log display and snapshots). With BrowserOne for diagnostics and installation (last alarm or snapshot). **Images access:** end user, installer (with end user authorisation). **Snapshot function:** Yes. **Images display:** images with frames of different colours according to events (video alarm/tamper/masking). **Protection class:** IP3X. **Dimensions:** W 65 × H 135 × D 45 mm. **Weight:** 175 g. **Power supply:** 2ER14505M battery supplied and optional DC12V (range 11÷15V) from terminal. **Autonomy:** 1,5 years (with anti-masking OFF). **Current consumption at 7.2 V - Inactive mode:** 13.0 µA; **Transmitting:** 23.0 mA; **Max. power consumption:** 188.0 mA. **Power consumption at 12V - Idle mode:** 75 mA; **Transmitting:** 103.0 mA; **Max. power consumption:** 115.0 mA. **Standards:** compliant with EN50131 2-2, EN50131-5-3 grade 2, environmental class II.

ACCESSORIES - Swivel mount: SNDVISIO. **Swivel mount:** SND3D.

Wired detectors

For information on compatibility between accessories and products, see the tables at the end of the catalogue.

Indoor wired detectors



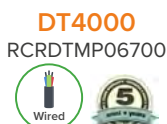
Triple technology detector, 15 m range

Technology: 2 IR + MW. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 15 m adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 2 × 18 zones on 4 levels. 2 × 3 creep zones on one level. **IR coverage:** volumetric, 81° opening. **Functions:** anti-masking, anti-blinding, under-crawl, protection against removal, 3D. **Connections:** alarm relay, masking/blinding/fault relay, 24H output, MW exclusion. **Dimensions:** W 64 × H 110 × D 48 mm. **Weight:** 120 g. **Power supply:** DC12V (from 7.5 to 15 V). **Consumption at power voltage - Alarm mode:** 21.0 mA; **Idle mode:** 19 mA; **MW excluded mode:** 17 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 3, environmental class II.

ACCESSORIES - Swivel mount kit: SN/D299. **Swivel mount kit:** SN/D2099. **Swivel mount kit:** SN/D10099. **Lens:** TRLTO.



TRES01 detector with 9.9 GHz frequency



Dual technology detector with wide range of functions, 15 m range

Technology: IR + MW. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 15 m adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 18 zones on 4 levels. 3 creep zones on one level. **IR coverage:** volumetric, 81° opening. **Functions:** double anti mask, under-crawl, look down, protection against removal, 3D and DNR. **Connections:** alarm relay, masking relay, 24H output, MW exclusion. **Dimensions:** W 64 × H 110 × D 48 mm. **Weight:** 120 g. **Power supply:** 12 (9÷15) V. **Consumption at power voltage - Alarm mode:** 22.0 mA; **Idle mode:** 15 mA; **MW excluded mode:** 13 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 3, environmental class II.

ACCESSORIES - Swivel mount kit: SN/D299. **Swivel mount kit:** SN/D2099. **Swivel mount kit:** SN/D10099.

DT4000
RCRDTMP06800

DT4000 detector with 9.9 GHz frequency

DT2000
RCRDTMP06900



Dual technology detector, max 15 m range

Technology: IR + MW. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 15 m adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 18 zones on 4 levels. 3 creep zones on one level. **IR coverage:** volumetric, 81° opening. **Functions:** anti-masking, under-crawl, protection against removal, DNR. **Connections:** Alarm relay, 24H output, MW exclusion. **Dimensions:** W 64 × H 110 × D 88 mm. **Weight:** 120 g. **Power supply:** DC12V (from 9 to 15 V). **Consumption at power voltage - Alarm mode:** 13.0 mA; **Idle mode:** 13 mA; **MW excluded mode:** 11 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 2, environmental class II.

ACCESSORIES - Swivel mount kit: SN/D299. **Swivel mount kit:** SN/D2099. **Swivel mount kit:** SN/D10099.

DT2000
RCRDTMP07000

DT2000 detector with 9.9 GHz frequency

DT1000
RCRDTMP04600



Dual technology detector, 12 m range

Technology: MW + IR. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor. **Installation:** wall-mounted or corner-mounted. **Detection range:** max 12 m adjustable in 2 steps. **MW coverage:** 72° horizontally, 36° vertically. **No. of IR sensitive zones:** 18 beams on 4 plans. **IR coverage:** volumetric, 81° opening. **Connections:** alarm relay, 24H output. **Dimensions:** W 54 × H 82 × D 44 mm. **Power supply:** DC12V (from 7.5 to 15 V). **Consumption at power voltage - Alarm mode:** 15.0 mA; **Idle mode:** 11 mA. **Standards:** compliant with EN50131-2-4 grade 1, environmental class II.

DT1000
RCRDTMP04700

DT1000 detector with 9.9 GHz frequency

DT1000P
RCRDTMP04800



Dual technology detector with Pet Immunity function, 12 m max range

Technology: MW + IR. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor. **Installation:** wall-mounted or corner-mounted. **Detection range:** max 6 m in Pet-Immune mode; max 12 m in non Pet-Immune mode. **MW coverage:** 72° horizontally, 36° vertically. **No. of IR sensitive zones:** 18 beams on 4 plans. **IR coverage:** volumetric, 95° opening. **Connections:** alarm relay, 24H output. **Dimensions:** W 54 × H 82 × D 44 mm. **Weight:** 83 g. **Power supply:** DC12V (from 7.5 to 15 V). **Consumption at power voltage - Alarm mode:** 15.0 mA; **Idle mode:** 11 mA. **Standards:** compliant with EN50131-2-4 grade 1, environmental class II.

DT1000P
RCRDTMP05000

DT1000P detector with 9.9 GHz frequency

Indoor long-range wired detectors

DT93
RCRDTMP11500



Long range dual technology detector (23 m)

Technology: IR + MW. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 23 m, adjustable. **MW coverage:** 90° horizontally, 30° vertically. **No. of IR sensitive zones:** 20 zones on 4 levels, 3 creep zones on one level. **Functions:** anti-masking on MW section with dip switches and alarm output on dedicated relay, double anti-blinding circuit active on IR section with TX-RX, under-crawl function, antisneak. **Connections:** alarm relay, masking/fault relay, 24H output, MW exclusion. **Dimensions:** W 72 × H 138 × D 56 mm. **Weight:** 150 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Idle mode:** 52 mA; **Alarm mode:** 53.0 mA; **MW excluded mode:** 18 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 3, environmental class II.

ACCESSORIES - Swivel mount: SND3D.

DT93
RCRDTMP11900

DT93 detector with 27 m range

DT93
RCRDTMP11700

DT93 detector with 23 m range with 10.587 GHz frequency

DT93
RCRDTMP12000

DT93 detector with 27 m range with 10.587 GHz frequency

Wired detectors for doors and windows

BLADE

RCRDTMP09900



Wall-mount dual technology detector with curtain coverage, 4 m range

Technology: MW + IR. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** between windows/doors and shutters/blinds. **Installation:** vertical on struts or horizontal on lintels. **Detection range:** max 4 m. **MW coverage:** 30° horizontally, 80° vertically. **No. of IR sensitive zones:** 2 beams. **IR coverage:** 15°-opening vertical curtain. **Functions:** double anti mask, anti-blinding, DNR. **Connections:** alarm relay, masking/fault relay, 24H output. **Dimensions:** W 35 × H 96 × D 34 mm. **Weight:** 68 g. **Colour:** white (BLADE) / brown (BLADEM). **Power supply:** DC12V (from 7 to 15 Vdc). **Consumption at power voltage - Idle mode:** 19 mA; **Alarm mode:** 40.0 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 2, environmental class II.

BLADEM

RCRDTMP10000



BLADE detector in brown case

BLADEC

RCRDTMP10100



Dual technology detector for central installation with curtain coverage, 3 m range

Technology: MW + IR. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** between windows/doors and shutters/blinds. **Installation:** central on lintels. **Detection range:** max 3 m. **MW coverage:** 30° horizontally, 80° vertically. **No. of IR sensitive zones:** 2 beams. **IR coverage:** 15°-opening vertical curtain. **Functions:** double anti mask, anti-blinding, DNR. **Connections:** alarm relay, masking/fault relay, 24H output. **Dimensions:** W 35 × H 96 × D 34 mm. **Weight:** 68 g. **Power supply:** DC12V (from 7 to 15 Vdc). **Consumption at power voltage - Idle mode:** 19 mA; **Alarm mode:** 40.0 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 2, environmental class II.

Wired ceiling-mount detectors

FLY

RCRDTMS03300



Wired ceiling-mount detector, 8 m range for installation at 4 m

Technology: IR + MW. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor. **Installation:** ceiling mount. **Detection range:** cone-shaped coverage with 8 m max base for installation up to 4 m. **MW coverage:** cone-shaped. **No. of IR sensitive zones:** 55 over 6 conic sectors. **IR coverage:** volumetric, cone-shaped sectors. **Functions:** anti-masking, anti-blinding, protection against removal, anti-sneak. **Connections:** alarm relay, masking/fault relay, 24H output, MW exclusion. **Dimensions:** W 151 × H 159 × D 36 mm. **Weight:** 206 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Idle mode:** 22 mA; **Alarm mode:** 24.0 mA; **MW excluded mode:** 20 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 3, environmental class II.

FLY

RCRDTMS03400

FLY detector with 9.9 GHz frequency

FLY8

RCRDTMS03500



Wired ceiling-mount detector, 8 m range for installation at 8 m

Technology: IR + MW. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor. **Installation:** ceiling mount. **Detection range:** cone-shaped coverage with 8 m max base for installation up to 8 m. **MW coverage:** cone-shaped. **No. of IR sensitive zones:** 19 over 3 conic sectors. **IR coverage:** volumetric, cone-shaped sectors. **Functions:** anti-masking, anti-blinding, protection against removal, anti-sneak. **Connections:** alarm relay, masking/fault relay, 24H output, MW exclusion. **Dimensions:** W 151 × H 159 × D 36 mm. **Weight:** 206 g. **Power supply:** 12 Vcc. **Power consumption at 12V - Idle mode:** 22 mA; **Alarm mode:** 24.0 mA; **MW excluded mode:** 20 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 3, environmental class II.

FLY8

RCRDTMS03600

FLY8 detector with 9.9 GHz frequency

IR detectors

For indoor use

CENTAURO
RCRIRMP00100**Passive infrared sensor**

Detection range: 15 m. **Protection class:** IP3X. **Working temperature:** -10 / +55 °C. **Dimensions:** W 64 × H 81 × D 48 mm. **Weight:** 82 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Idle mode:** 7 mA; **Alarm mode:** 7.0 mA. **Standards:** Compliant with EN 50131-2-2 grade 2, environmental class II.

ACCESSORIES - Swivel mount kit: SN/D299. **Swivel mount kit:** SN/D2099. **Swivel mount kit:** SN/D10099. **Lens:** SML/20. **Lens:** SML/PP. **Lens:** SML/TO.

Flush-mount

IR8000
RCRIRMI00100**Miniaturized passive IR detector for recessed mounting in BTICINO MAGIC 503 boxes. Dark grey colour**

Detection range: 8 m. **Power supply:** 12 Vcc. **Consumption at power voltage - Idle mode:** 7 mA; **Alarm mode:** 8.0 mA. **Weight:** 60 g (packed product). **Standards:** Compliant with CEI79/2 level 2 and EN 50131-1 grade 2.

IR8000B
RCRIRMI00200**White IR8000 detector**

IR8000 and EL503 series adapters

IR8VIMP
RCACCPL00900

VIMAR PLANA adapter, dark grey

IR8VIMPB
RCACCPL00100

VIMAR PLANA adapter, white

IR8VIMEX
RCACCPL00200

VIMAR EIKON adapter, dark grey

IR8LEV
RCACCPL00300

LEGRAND VELA adapter, dark grey

IR8LEVB
RCACCPL00400

LEGRAND VELA adapter, white

IR8GWPB
RCACCPL00500

GEWISS PLAYBUS adapter, dark grey

IR8GWCH
RCACCPL01000

GEWISS adapter, CHORUS series, black

IR8GWCHB
RCACCPL01100

GEWISS adapter, CHORUS series, glossy white

IR8TLGH
RCACCPL00600

BTICINO adapter, LIVING INTERNATIONAL series, dark grey

IR8TLGHB
RCACCPL00700

BTICINO adapter, LIGHT series, white

IR8TLGHG
RCACCPL00800

BTICINO adapter, LIGHT series, silver grey

IR8000 series lenses

MLIR8L
RCACCLF00100

FRESNEL lens for long-range IR8000 sensor
Operating range: 25 m.

MLIR8PP
RCACCLF00200

FRESNEL lens for vertical-curtain IR8000 sensor
Operating range: 8 m.

MLIR8TO
RCACCLF00300

FRESNEL lens for horizontal-curtain IR8000 sensor
Operating range: 8 m.

Outdoor wired detectors

GRIFOX
RCRDTMP08300



Wired dual technology IP55 outdoor detector, 7 m range

Technology: IR + MW. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor/outdoor. **Installation:** wall mount, corner mount with ANSGSX optional bracket, or oriented with SNDSGX optional swivel. **Detection range:** max 7 m adjustable in 4 steps. **MW coverage:** 80° horizontally, 32° vertically. **No. of IR sensitive zones:** 18 areas on 4 levels. **IR coverage:** volumetric, 81° opening. **Functions:** anti-masking, anti-blinding, look down, protection against removal (integrated for mounting without swivel or bracket; with KSAS1013 / KSAS1032 optional kit for mounting on swivel or bracket), 3D function. **Connections:** alarm relay, masking relay, 24H tamper for orientation change and opening, MW exclusion. **Dimensions:** W 39 × H 155 × D 44 mm. **Weight:** 140 g. **Power supply:** DC12V (from 7.7 to 15 V). **Consumption at power voltage - Idle mode:** 31 mA; **Alarm mode:** 25.0 mA; **MW excluded mode:** 21 mA. **Certifications:** IMQ-Alarm EN50131-2-4 grade 3, environmental class IV.

ACCESSORIES - Swivel mount: SNDSGX. **Bracket for corner mount:** ANSGSX. **Sunshield:** CUPSGX.

STRIXO
RCRDTMP08100



Dual technology wired IP55 outdoor detector with vertical protection lens, 8 m range

Technology: IR + MW. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor/outdoor. **Installation:** between windows/doors and shutters/blinds (also with the SNDSGX optional bracket) or along the wall with the SNDSGX optional bracket. **Detection range:** max 8 m adjustable in 4 steps. **MW coverage:** 80° horizontally, 32° vertically. **IR coverage:** 7° horizontally, 90° vertically. **No. of IR sensitive zones:** 2 beams. **Functions:** anti-masking, anti-blinding, look down, protection against removal (integrated for mounting without swivel or bracket; with KSAS1013 / KSAS1032 optional kit for mounting on swivel or bracket), 3D function. **Connections:** alarm relay, masking relay, 24H tamper for orientation change and opening, MW exclusion. **Dimensions:** W 39 × H 155 × D 44 mm. **Weight:** 140 g. **Power supply:** DC12V (from 7.7 to 15 V). **Consumption at power voltage - Idle mode:** 31.0 mA; **Alarm mode:** 25.0 mA; **MW excluded mode:** 21 mA. **Certifications:** IMQ-Alarm EN50131-2-4 grade 3, environmental class IV.

ACCESSORIES - Swivel mount: SNDSGX. **Bracket for corner mount:** ANSGSX. **Sunshield:** CUPSGX.

TRIAL
RCRDT0200100



Triple technology wired IP55 outdoor detector with multifocal lens, 15 m range

Technology: MW + 2 IR. **Compatibility:** EL.MO. and third party intrusion detection control units. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 2.10 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 2 × 28 zones on 4 levels. 2 × 3 under-crawl zones on 1 level. **IR coverage:** volumetric with 94° aperture. **Functions:** anti-masking, anti-blinding, under-crawl detection, orientation change detection, protection against removal (using KSAS1032 / KSAS1055 optional kits), 3D function. **Connections:** alarm relay, fault/masking/blinding relay, 24H output, MW exclusion. **Dimensions:** W 95 × H 167 × D 75 mm. **Weight:** 270 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Alarm mode:** 21.0 mA; **Idle mode:** 19 mA; **MW excluded mode:** 17 mA. **Certifications:** IMQ-Alarm EN50131-2-4 grade 3, environmental class IV.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIAL
RCRDT0200900

TRIAL detector with 9.9 GHz differentiated frequency

TRIALH RCRTT0200300



Triple technology wired IP55 outdoor detector with horizontal protection lens, 15 m range

Technology: MW + 2 IR. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 1-1.5 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 2 × 15 zones on 1 level. **IR coverage:** horizontal curtain, 90° opening. **Functions:** anti-masking, anti-blinding, orientation change detection, protection against removal (using KSAS1032 / KSAS1055 optional kits), 3D function. **Connections:** alarm relay, fault/masking/blinding relay, 24H output, MW exclusion. **Dimensions:** W 95 x H 167 x D 75 mm. **Weight:** 270 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Alarm mode:** 21.0 mA; **Idle mode:** 19 mA; **MW excluded mode:** 17 mA. **Certifications:** IMQ-Alarm EN50131-2-4 grade 3, environmental class IV.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIALH RCRTT0201100

TRIALH detector with 9.9 GHz differentiated frequency

TRIALV RCRDTMP02200



Dual technology wired IP55 outdoor detector with vertical protection lens, 15 m range

Technology: MW + IR. **Compatibility:** EL.MO. and third party intrusion detection control units. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 2.10 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 1 zone on the vertical level. 3 under-crawl zones on 1 level. **IR coverage:** vertical curtain, 5.6° opening. **Functions:** anti-masking, anti-blinding, orientation change detection, protection against removal (using KSAS1032 / KSAS1055 optional kits), 3D function. **Connections:** alarm relay, fault/masking/blinding relay, 24H output, MW exclusion. **Dimensions:** W 95 x H 167 x D 75 mm. **Weight:** 270 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Alarm mode:** 21.0 mA; **Idle mode:** 19 mA; **MW excluded mode:** 17 mA. **Certifications:** IMQ-Alarm EN50131-2-4 grade 3, environmental class IV.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIALV RCRDTMP02600

TRIALV detector with 9.9 GHz differentiated frequency

RS-485 ULTRABUS detectors

For information on compatibility between accessories and products, see the tables at the end of the catalogue.

Indoor ULTRABUS detectors

DT2000485 RCRDTMP05300



ULTRABUS dual technology detector, max 15 m range

Technology: IR + MW. **Compatibility:** VIDOMO2K, PREGIO, PROXIMA, TITANIAPLUS and ETR G2. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 15 meters. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 18 zones on 4 levels. 3 creep zones on one level. **IR coverage:** volumetric, 81° opening. **Functions:** anti-masking, under-crawl, protection against removal, anti-sneak. **Dimensions:** W 64 × H 110 × D 48 mm. **Weight:** 120 g. **Power supply:** DC12V (from 7.5 to 15 V). **Consumption at power voltage - Idle mode:** 18 mA; **Alarm mode:** 23.0 mA; **MW excluded mode:** 17 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 2, environmental class II.

ACCESSORIES - Swivel mount kit: SN/D299. **Swivel mount kit:** SN/D2099. **Swivel mount kit:** SN/D10099.

DT2000485 RCRDTMP05400

DT2000485 detector with 9.9 GHz differentiated frequency

TRES01485

RCRTT0101800



ULTRABUS triple technology detector, 15 m range

Technology: 2 IR + MW. **Compatibility:** VIDOMO2K, PREGIO, PROXIMA, TITANIAPLUS and ETR G2. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 15 meters. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 2 × 18 zones on 4 levels. 2 × 3 creep zones on one level. **IR coverage:** volumetric, 81° opening. **Functions:** anti-masking, anti-blinding, under-crawl, protection against removal, anti-sneak, 3D. **Dimensions:** W 64 × H 110 × D 48 mm. **Weight:** 120 g. **Power supply:** DC12V (from 7.5 to 15 V). **Consumption at power voltage - Alarm mode:** 24.0 mA; **Idle mode:** 19 mA; **MW excluded mode:** 18 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 3, environmental class II.

ACCESSORIES - Swivel mount kit: SN/D299. **Swivel mount kit:** SN/D2099. **Swivel mount kit:** SN/D10099. **Lens:** TRLTO.

TRES01485

RCRTT0101900

TRES01485 detector with 9.9 GHz frequency

Ceiling-mount ULTRABUS detectors

FLY485

RCRDTMS03700



ULTRABUS ceiling-mount detector, 8 m range for installation at 4 m

Technology: IR + MW. **Compatibility:** VIDOMO2K, PREGIO, PROXIMA, TITANIAPLUS and ETR G2. **Use:** indoor. **Installation:** ceiling mount. **Detection range:** cone-shaped coverage with 8 m max base for installation up to 4 m. **MW coverage:** cone-shaped. **No. of IR sensitive zones:** 55 over 6 conic sectors. **Functions:** anti-masking, anti-blinding, protection against removal, anti-sneak. **IR coverage:** volumetric, cone-shaped sectors. **Dimensions:** W 151 × H 159 × D 36 mm. **Weight:** 206 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Idle mode:** 21 mA; **Alarm mode:** 26.0 mA; **MW excluded mode:** 18 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 3, environmental class II.

FLY485

RCRDTMS03800

FLY485 detector with 9.9 GHz frequency

FLY8485

RCRDTMS03900



ULTRABUS ceiling-mount detector, 8 m range for installation at 8 m

Technology: IR + MW. **Compatibility:** VIDOMO2K, PREGIO, PROXIMA, TITANIAPLUS and ETR G2. **Use:** indoor. **Installation:** ceiling mount. **Detection range:** cone-shaped coverage with 8 m max base for installation up to 8 m. **MW coverage:** cone-shaped. **No. of IR sensitive zones:** 19 over 3 conic sectors. **Functions:** anti-masking, anti-blinding, protection against removal, anti-sneak. **IR coverage:** volumetric, cone-shaped sectors. **Dimensions:** W 151 × H 159 × D 36 mm. **Weight:** 206 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Idle mode:** 21 mA; **Alarm mode:** 26.0 mA; **MW excluded mode:** 18 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 3, environmental class II.

FLY8485

RCRDTMS04000

FLY8485 detector with 9.9 GHz frequency

Indoor ULTRABUS long-range detectors

DT93485

RCRDTMP11600



ULTRABUS long range dual technology detector (23 m)

Technology: IR + MW. **Compatibility:** VIDOMO2K, PREGIO, PROXIMA, TITANIAPLUS and ETR G2. **Use:** indoor. **Installation:** wall-mount, corner-mount or oriented by using SN/D99 optional swivel. **Detection range:** max 23 m, adjustable. **MW coverage:** 90° horizontally, 30° vertically. **No. of IR sensitive zones:** 20 zones on 4 levels, 3 creep zones on one level. **Functions:** anti-masking on MW section with dip switches and alarm output on dedicated relay, double anti-blinding circuit active on IR section with TX-RX, under-crawl function, antisneak. **Connections:** alarm relay, masking/fault relay, 24H output, MW exclusion. **Dimensions:** W 72 × H 138 × D 56 mm. **Weight:** 150 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Idle mode:** 64 mA; **Alarm mode:** 65.0 mA; **MW excluded mode:** 18 mA. **Certifications:** IMQ-Security Systems EN 50131-2-4 grade 3, environmental class II.

ACCESSORIES - Swivel mount: SND3D.

DT93485

RCRDTMP11800

DT93485 detector with 9.9 GHz differentiated frequency

Outdoor ULTRABUS detectors

GRIFOX485 RCRDTMP08400



ULTRABUS dual technology IP55 outdoor detector, 7 m range

Technology: IR + MW. **Compatibility:** VIDOMO2K, PREGIO, PROXIMA, TITANIAPLUS and ETR G2. **Use:** indoor/outdoor. **Installation:** wall mount, corner mount with ANGSGX optional bracket, or oriented with SNDSGX optional swivel. **Detection range:** max 7 m adjustable in 2 steps. **MW coverage:** 80° horizontally, 32° vertically. **No. of IR sensitive zones:** 18 areas on 4 levels. **IR coverage:** volumetric, 81° opening. **Functions:** anti-masking, anti-blinding, look down, protection against removal (integrated for mounting without swivel or bracket; with KSAS1013 / KSAS1032 optional kit for mounting on swivel or bracket), 3D function. **Dimensions:** W 39 × H 155 × D 44 mm. **Weight:** 140 g. **Power supply:** DC12V (from 7.7 to 15 V). **Consumption at power voltage - Idle mode:** 25 mA; **Alarm mode:** 25.0 mA; **MW excluded mode:** 18 mA. **Certifications:** IMQ-Alarm EN50131-2-4 grade 3, environmental class IV.

ACCESSORIES - Swivel mount: SNDSGX. **Bracket for corner mount:** ANGSGX. **Sunshield:** CUPSGX.

STRIXO485 RCRDTMP08200



Dual technology ULTRABUS outdoor IP55 detector with vertical protection lens, 8 m range

Technology: IR + MW. **Compatibility:** VIDOMO2K, PREGIO, PROXIMA, TITANIAPLUS and ETR G2. **Use:** indoor/outdoor. **Installation:** between windows/doors and shutters/blinds (also with the SNDSGX optional bracket) or along the wall with the SNDSGX optional bracket. **Detection range:** max 8 m. **MW coverage:** 80° horizontally, 32° vertically. **No. of IR sensitive zones:** 2 beams. **IR coverage:** 7° horizontally, 90° vertically. **Functions:** anti-masking, anti-blinding, look down, protection against removal (integrated for mounting without swivel or bracket; with KSAS1013 / KSAS1032 optional kit for mounting on swivel or bracket), 3D function. **Dimensions:** W 39 × H 155 × D 44 mm. **Weight:** 140 g. **Power supply:** DC12V (from 7.7 to 15 V). **Consumption at power voltage - Idle mode:** 25.0 mA; **Alarm mode:** 25.0 mA; **MW excluded mode:** 18 mA. **Certifications:** IMQ-Alarm EN50131-2-4 grade 3, environmental class IV.

ACCESSORIES - Swivel mount: SNDSGX. **Bracket for corner mount:** ANGSGX. **Sunshield:** CUPSGX.

TRIAL485 RCRTT0200200



Triple technology ULTRABUS IP55 outdoor detector with multifocal lens, 15 m range

Technology: MW + 2 IR. **Compatibility:** VIDOMO2K, PREGIO, PROXIMA, TITANIAPLUS and ETR G2. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 2.10 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 2 × 28 zones on 4 levels. 2 × 3 under-crawl zones on 1 level. **IR coverage:** volumetric with 94° aperture. **Functions:** anti-masking, anti-blinding, under-crawl detection, orientation change detection, protection against removal (using KSAS1032 / KSAS1055 optional kits), 3D function. **Dimensions:** W 95 × H 167 × D 75 mm. **Weight:** 270 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Alarm mode:** 24.0 mA; **Idle mode:** 19 mA; **MW excluded mode:** 18 mA. **Certifications:** IMQ-Alarm EN50131-2-4 grade 3, environmental class IV.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIAL485 RCRTT0201000

TRIAL485 detector with 9.9 GHz differentiated frequency

TRIAL485H RCRTT0200400



Triple technology ULTRABUS IP55 outdoor detector with horizontal protection lens, 15 m range

Technology: MW + 2 IR. **Compatibility:** VIDOMO2K, PREGIO, PROXIMA, TITANIAPLUS and ETR G2. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 1-1.5 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 2 × 15 zones on 1 level. **IR coverage:** horizontal curtain, 90° opening. **Functions:** anti-masking, anti-blinding, orientation change detection, protection against removal (using KSAS1032 / KSAS1055 optional kits), 3D function. **Dimensions:** W 95 × H 167 × D 75 mm. **Weight:** 270 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Alarm mode:** 24.0 mA; **Idle mode:** 19 mA; **MW excluded mode:** 18 mA. **Certifications:** IMQ-Alarm EN50131-2-4 grade 3, environmental class IV.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIAL485H RCRTT0201200

TRIAL485H detector with 9.9 GHz differentiated frequency

TRIAL485V
RCRDTMP02300



Dual technology **ULTRABUS IP55** outdoor detector with vertical protection lens, **15 m range**

Technology: MW + IR. **Compatibility:** VIDOMO2K, PREGIO, PROXIMA, TITANIAPLUS and ETR G2. **Use:** indoor/outdoor. **Installation:** wall-mounted or corner-mounted using the supplied bracket (h 2.10 m) or it can be oriented using SNDTRIAL swivel mount kits. **Detection range:** 15 meters adjustable in 4 steps. **MW coverage:** 95° horizontally, 60° vertically. **No. of IR sensitive zones:** 1 zone on the vertical level. 3 under-crawl zones on 1 level. **IR coverage:** vertical curtain, 5.6° opening. **Functions:** anti-masking, anti-blinding, under-crawl detection, orientation change detection, protection against removal (using KSAS1032 / KSAS1055 optional kits), 3D function. **Dimensions:** W 95 x H 167 x D 75 mm. **Weight:** 270 g. **Power supply:** 12 Vcc. **Consumption at power voltage - Alarm mode:** 24.0 mA; **Idle mode:** 19 mA; **MW excluded mode:** 18 mA. **Certifications:** IMQ-Alarm EN50131-2-4 grade 3, environmental class IV.

ACCESSORIES - Swivel mount: SNDTRIAL. **Swivel mount kit:** SNDTRIAL10.

TRIAL485V
RCRDTMP02700

TRIAL485V detector with 9.9 GHz differentiated frequency

Accessories for detectors

For information on compatibility between accessories and products, see the tables at the end of the catalogue.

SNDTRIAL
RCACCTR00300



3D swivel mount with internal cable feeding to adjust the detector position horizontally and vertically. 90°-oriented swivel mount with internal cable feeding for installation parallel to the wall (for a "perimeter" protection of the building)
Weight: 97 g (packed product).

SNDTRIAL10
RCACCTR00400



Kit 10 pcs. SNDTRIAL
Weight: 970 g (packed product).

SNDVISIO
RCACCVS00100



3D swivel mount with internal cable passage for VISIO2K detectors

SND3D
RCACCVS00200



3D swivel mount with internal cable passage for DT93 and VISIO2K detectors

SNDSGX
RCACCSX00100



3D swivel mount with internal cable feeding for GRIFOX and STRIXO detectors, allowing vertical and horizontal detector adjustment
Weight: 80 g (packed product).

CUPSGX
RCACCSX00700



Optional sunshield for GRIFOX and STRIXO detectors
Weight: 58 g (packed product).

ANGSGX
RCACCSX00300



Optional bracket for corner mounting for GRIFOX and STRIXO detectors
Weight: 39 g (packed product).

SN/D299
RCACCCF00300

Pack including 2 SN/D299 swivel mounts for TRES, DT99, DT2000, DT3000, DT4000, CONDOR, SMART, CENTAURO
Weight: 40 g (packed product).

SN/D2099
RCACCCF00400

Pack including 20 SN/D299 swivel mounts for TRES, DT99, DT2000, DT3000, DT4000, CONDOR, SMART, CENTAURO
Weight: 400 g (packed product).

SN/D10099
RCACCCF00500

Pack including 100 SN/D299 swivel mounts for TRES, DT99, DT2000, DT3000, DT4000, CONDOR, SMART, CENTAURO
Weight: 2000 g (packed product).

SML/20
RCACCLF00400

FRESNEL lens protected against white light, range 20 m, for CENTAURO, SMART, SCORPIO

SML/TO
RCACCLF00600

FRESNEL lens protected against white light, horizontal curtain beams, range 15 m for CENTAURO, SMART, CONDOR, SCORPIO

SML/PP
RCACCLF00500

FRESNEL lens protected against white light, vertical curtain beams, range 10 m for CENTAURO, SMART, SCORPIO

TRLTO
RCACCLF00800

FRESNEL lens for TRES series detectors, horizontal curtain beams, 81° opening, range 15 m

Kit for protection against removal

KSAS1013
RWACC0000100

Kit for protection against removal for wireless detectors, 13-cm cable length, for LUPUS2K, VOLANS2K, LUPUSC2K, VOLANSC2K, VIRGO2K, BLADE2K, STRIXO series (RWRDTMP02900, RCRDTMP06300, RCRDTMP06400 with or without bracket; RCRDTMP08100, RCRDTMP08200 with bracket), GRIFO series (RWRDTMP04000, RCRDTMP06500, RCRDTMP06600 with or without bracket; RCRDTMP08300, RCRDTMP08400 with bracket)

KSAS1032
RWACC0000200

Kit for protection against removal for wireless detectors, 32-cm cable length, for STRIXO series (with 3D swivel mount), GRIFO series (with 3D swivel mount), TRIAL series (with provided bracket)

KSAS1055
RWACC0000300

Kit for protection against removal for wireless detectors, 55-cm cable length, for TRIAL series (with 3D swivel mount)

Special detectors

Gas, smoke, temperature detectors

Wireless detectors



Wireless NG-TRX combined smoke/CO detector for residential applications

Detection type: Smoke + carbon monoxide. **Compatibility:** Villeggio NG-TRX control units, Pregio, Proxima (using GATEWAY2K). **Wireless range:** 950 m (in open field). **Indications:** multicolor LED and buzzer for alarm, fault, tamper. **Functions:** test starting and silencing using a button. **Programming:** via BrowserOne software. **Dimensions:** 0 120 mm × D 45 mm. **Weight:** 160 g. **Power supply:** 3V from CR123A battery. **Consumption at power voltage - Idle mode:** 50 µA; **Alarm mode:** 95.0 mA. **Autonomy:** 2 years. **Conformity:** EN 14604 - EN 50291.



Wireless NG-TRX smoke detector for residential applications

Detection type: Smoke. **Compatibility:** Villeggio NG-TRX control units, Pregio, Proxima (using GATEWAY2K). **Wireless range:** 950 m (in open field). **Indications:** multicolor LED and buzzer for alarm, fault, tamper. **Functions:** test starting and silencing using a button. **Programming:** via BrowserOne software. **Dimensions:** 0 120 mm × D 45 mm. **Weight:** 160 g. **Power supply:** 3V from CR123A battery. **Consumption at power voltage - Idle mode:** 18 µA; **Alarm mode:** 110.0 mA.



Wireless temperature detector with base. Requires an EL.MO. intrusion detection control unit equipped with wireless interface

Compatibility: HELIOS, HERCOLA, VILLEGGIO control units, RX-TX HALENTE and HALLEY wireless units, RIVERRF and RIVERRFPLUS concentrators. **Wireless range:** 80 m (with clear line of sight). **Intervention temperature:** 66°C. **Indications:** LED indicators for alarm and transmission. **Dimensions:** W 176 × H 88 × D 125 mm. **Weight:** 590 g. **Consumption at power voltage - Idle mode:** 20 µA; **Alarm mode:** 50.0 mA. **Power supply:** 18 V supplied by 2 alkaline batteries for the sensor, 9 V supplied by 1 alkaline battery for control and radio section.



Wired/wireless METHANE gas detector for civilian use

Compatibility: HELIOS, HERCOLA, VILLEGGIO control units, RX-TX HALENTE and HALLEY wireless units, RIVERRF and RIVERRFPLUS concentrators. **Detection type:** gas concentration 10% LEL (lower explosive limit). **Wireless range:** 80 m (with clear line of sight). **Outputs:** relay output, wireless output compatible with Helios systems with hourly supervision. **Indications:** LED indicators for power supply, fault/alarm and internal buzzer. **Consumption at power voltage - Maximum:** 95 mA. **Power supply:** AC230V or DC12V. **Dimensions:** W 150 × H 90 × D 52 mm. **Weight:** 350 g.



Wired/wireless LPG gas detector for civilian use

Compatibility: HELIOS, HERCOLA, VILLEGGIO control units, RX-TX HALENTE and HALLEY wireless units, RIVERRF and RIVERRFPLUS concentrators. **Detection type:** gas concentration 10% LEL (lower explosive limit). **Wireless range:** 80 m (with clear line of sight). **Outputs:** relay output, wireless output compatible with Helios systems with hourly supervision. **Indications:** LED indicators for power supply, fault/alarm and internal buzzer. **Consumption at power voltage - Maximum:** 95 mA. **Power supply:** AC230V or DC12V. **Dimensions:** W 150 × H 90 × D 52 mm. **Weight:** 350 g.



Wired/wireless CO gas detector for civilian use

Compatibility: HELIOS, HERCOLA, VILLEGGIO control units, RX-TX HALENTE and HALLEY wireless units, RIVERRF and RIVERRFPLUS concentrators. **Detection type:** gas concentration 10% LEL (lower explosive limit). **Wireless range:** 80 m (with clear line of sight). **Outputs:** relay output, wireless output compatible with Helios systems with hourly supervision. **Indications:** LED indicators for power supply, fault/alarm and internal buzzer. **Consumption at power voltage - Maximum:** 95 mA. **Power supply:** AC230V or DC12V. **Dimensions:** W 150 × H 90 × D 52 mm. **Weight:** 350 g.

Wired detectors



Electrochemical cell METHANE gas detector

Detection type: gas concentration 10% LEL (lower explosive limit). **Outputs:** relay output and self control circuit. **Indications:** LED indicators for power supply, fault/alarm and internal buzzer. **Sound pressure:** 96 dB at 1 m. **Dimensions:** W 150 × H 90 × D 52 mm. **Weight:** 400 g (packed product). **Protection class:** IP42. **Current draw:** at AC230V: 15 mA (idle), 13,5 mA (in alarm); at DC12V: 100 mA (idle), 80 mA (in alarm). **Power supply:** AC230V or DC12V.

RCGPL
RCRRGMP00200



Electrochemical cell LPG gas detector

Detection type: gas concentration 10% LEL (lower explosive limit). **Outputs:** relay output and self control circuit. **Indications:** LED indicators for power supply, fault/ alarm and internal buzzer. **Sound pressure:** 96 dB at 1 m. **Dimensions:** W 150 × H 90 × D 52 mm. **Weight:** 400 g (packed product). **Current draw:** at AC230V: 15 mA (idle), 13,5 mA (in alarm); at DC12V: 100 mA (idle), 80 mA (in alarm). **Protection class:** IP42. **Power supply:** AC230V or DC12V.

RCCO
RCRRGMP00300



Electrochemical cell CO gas (Carbon Monoxide) detector

Detection type: gas concentration 10% LEL (lower explosive limit). **Outputs:** relay output and self control circuit. **Indications:** LED indicators for power supply, fault/ alarm and internal buzzer. **Sound pressure:** 96 dB at 1 m. **Dimensions:** W 150 × H 90 × D 52 mm. **Weight:** 400 g (packed product). **Current draw:** at AC230V: 15 mA (idle), 13,5 mA (in alarm); at DC12V: 100 mA (idle), 80 mA (in alarm). **Protection class:** IP42. **Power supply:** AC230V or DC12V.

Flood detectors

Wireless detectors

RCALGRF
RWRAL0000300



Wireless flood detector

Compatibility: VILLEGGIO series, HERCOLA and HELIOS control units, with RIVER-RF and RIVERRFPLUS concentrators, with HALLEY and HALENTE wireless units or with RPPLUS repeaters. **Wireless range:** 150 m (in open field). **Functions:** transmissions for flooding, low battery, supervision. **Autonomy:** above 5 years. **Power supply:** 3.6 Vdc from ER14250 (provided) or LS14250 1.2 Ah lithium battery. **Dimensions:** W 40 × H 108 × D 26 mm. **Weight:** 80 g (packed product).

Wired detectors

RCALG
RCRAA0000100



Flood detector with relay alarm output

Functions: Transmissions for flooding, supervision. **Consumption at power voltage - Idle mode:** 500 µA; **Alarm mode:** 23.0 mA. **Power supply:** 12 Vcc. **Dimensions:** W 39 × H 155 × D 33 mm. **Weight:** 80 g (packed product).

Infrared linear detectors

Outdoor IR linear detectors

IRB60F2
BIIRB0000700



Dual beam IR detector

Number of IR beams: 2. **Max range:** 60 m. **Detection method:** Simultaneous interruption of 2 infrared beams. **Alarm output:** 1C, relay output (AC/DC 30 V, 1.0 A max). **Disqualification :** Yes. **Tamper:** NC, works when the cover is removed. **Horizontal correction angle:** 180° (±90°). **Vertical correction angle:** 20° (±10°). **Installation:** Indoor/outdoor, wall/pole mount. **Operative condition:** -20 / +55 °C, 95% max. **Protection class:** IP65. **Dimensions:** H 212 × L 80 × D 75 mm. **Weight:** 1.00 kg. **Power supply / consumption:** AC/DC 12 to 24 V (DC 12 V recommended).

IRB150F4
BIIRB0000800



4-beam IR linear detector

Number of IR beams: 4. **Max range:** 150 m. **Detection method:** Interruption of all beams, or interruption of the 2 upper beams, or interruption of the 2 lower beams. **Alarm output:** 1C, relay output (AC/DC 30 V, 1.0 A max). **Disqualification :** Yes. **Tamper:** NC, works when the cover is removed. **Horizontal correction angle:** 180° (±90°). **Vertical correction angle:** 20° (±10°). **Installation:** Indoor/outdoor, wall/pole mount. **Operative condition:** -20 / +55 °C, 95% max. **Protection class:** IP65. **Dimensions:** H 395 × L 105 × D 100 mm. **Weight:** 3.00 kg. **Power supply / consumption:** AC/DC 12 to 24 V (DC12V recommended), 90 mA.

IRB250F4
BIIRB0000600



4-beam IR linear detector

Number of IR beams: 4. **Max range:** 250 m. **Detection method:** Interruption of all beams, or interruption of the 2 upper beams, or interruption of the 2 lower beams. **Alarm output:** 1C, relay output (AC/DC 30 V, 1.0 A max). **Disqualification :** Yes. **Tamper:** NC, works when the cover is removed. **Horizontal correction angle:** 180° (±90°). **Vertical correction angle:** 20° (±10°). **Installation:** Indoor/outdoor, wall/pole mount. **Operative condition:** -20 / +55 °C, 95% max. **Protection class:** IP65. **Dimensions:** H 395 × L 105 × D 100 mm. **Weight:** 3.00 kg. **Power supply / consumption:** AC/DC 12 to 24 V (DC12V recommended), 110 mA.

Indoor IR linear detectors

LK-IR8V2
BILKI0000500



8-beam IR linear detector for indoor/outdoor use, 1975 mm height

Number of IR beams: 8. **Max range:** 5 m (10 m using test jumper connected to negative power supply terminal). **IR transmission and reception:** Anti-elusion codified V3 digital transmission; reception through 2 self-adapting modules for IR beam. **IR beam opening:** 1 m at maximum range. **Performance level:** I. **Operative condition:** -10 / +45°C. **Protection class:** IP54 (IP53 con morsetti verso il basso). **Dimensions:** W 33 × H 1975 × D 23 mm. **Weight:** 900 g. **Power supply / consumption:** DC12V, transmitter 15 mA, receiver 28 mA.

LK-IR8V2M
BILKI0001000

UPON REQUEST

Higher LK-IR8V2M linear detector (up to 3055 mm)

Available heights: from 1980 to 3055 mm.

LK-IR6V2
BILKI0000400



6-beam IR linear detector for indoor/outdoor use, 1535 mm height

Number of IR beams: 6. **Max range:** 5 m (10 m using test jumper connected to negative power supply terminal). **IR transmission and reception:** Anti-elusion codified V3 digital transmission; reception through 2 self-adapting modules for IR beam. **IR beam opening:** 1 m at maximum range. **Performance level:** I. **Operative condition:** -10 / +45°C. **Protection class:** IP54 (IP53 con morsetti verso il basso). **Dimensions:** W 33 × H 1535 × D 23 mm. **Weight:** 720 g. **Power supply / consumption:** DC12V, transmitter 15 mA, receiver 26 mA.

LK-IR6V2M
BILKI0000900

UPON REQUEST

Higher LK-IR6V2M linear detector (up to 1970 mm)

Available heights: from 1540 to 1970 mm.

LK-IR4V2
BILKI0000300



4-beam IR linear detector for indoor/outdoor use, 1120 mm height

Number of IR beams: 4. **Max range:** 5 m (10 m using test jumper connected to negative power supply terminal). **IR transmission and reception:** Anti-elusion codified V3 digital transmission; reception through 2 self-adapting modules for IR beam. **IR beam opening:** 1 m at maximum range. **Performance level:** I. **Operative condition:** -10 / +45°C. **Protection class:** IP54 (IP53 con morsetti verso il basso). **Dimensions:** W 33 × H 1120 × D 23 mm. **Weight:** 520 g. **Power supply / consumption:** DC12V, transmitter 14 mA, receiver 28 mA.

LK-IR4V2M
BILKI0000800

UPON REQUEST

Higher LK-IR4V2M linear detector (up to 1530 mm)
Available heights: from 1125 to 1530 mm.

LK50/4
BILKI0000200



4-beam IR linear detector for indoor/outdoor use, 520 mm height
Number of IR beams: 4. **Max range:** 5 m (8 m using test jumper connected to negative power supply terminal). **IR transmission and reception:** Anti-elusion codified V3 digital transmission; reception through 2 self-adapting modules for IR beam. **IR beam opening:** 1 m at maximum range. **Performance level:** I. **Operative condition:** -10 / +45°C. **Protection class:** IP55 (IP53 con morsetti verso il basso). **Dimensions:** W 33 × H 525 × D 23 mm. **Weight:** 285 g. **Power supply / consumption:** DC12V, transmitter 10 mA, receiver 24 mA.

LK50/4M
BILKI0000600

UPON REQUEST

Higher LK50/4 linear detector (up to 1115 mm)
Available heights: up to 1115 mm.

LK-IR2V2
BILKI0000100



2-beam IR linear detector for indoor/outdoor use, 520 mm height
Number of IR beams: 2. **Max range:** 5 m (10 m using test jumper connected to negative power supply terminal). **IR transmission and reception:** Anti-elusion codified V3 digital transmission; reception through 2 self-adapting modules for IR beam. **IR beam opening:** 1 m at maximum range. **Performance level:** I. **Operative condition:** -10 / +45°C. **Protection class:** IP54 (IP53 con morsetti verso il basso). **Dimensions:** W 33 × H 520 × D 23 mm. **Weight:** 265 g. **Power supply / consumption:** DC12V, transmitter 12 mA, receiver 28 mA.

LK-IR2V2M
BILKI0000700

UPON REQUEST

Higher LK-IR2V2 linear detector (up to 1115 mm)
Available heights: from 525 to 1115 mm.

Accessories

Accessories for IRB series linear detectors

AN-C1
BIACNCC00100



UPON REQUEST

Cylindrical column (1 m height) with tamper protection against opening, superior and inferior caps and guides for accessories/barriers installation
Height: 1.0 m. **Diameter:** 145 mm. **Material:** Smoke plexiglass with internal aluminium structure. **Weight:** 7.00 kg (packed product).

AN-C1,5
BIACNCC00200



UPON REQUEST

Cylindrical column (1.5 m height) with tamper protection against opening, superior and inferior caps and guides for accessories/barriers installation
Height: 1.5 m. **Diameter:** 145 mm. **Material:** Smoke plexiglass with internal aluminium structure. **Weight:** 7.00 kg (packed product).

AN-C2
BIACNCC00300



UPON REQUEST

Cylindrical column (2 m height) with tamper protection against opening, superior and inferior caps and guides for accessories/barriers installation
Height: 2.0 m. **Diameter:** 145 mm. **Material:** Smoke plexiglass with internal aluminium structure. **Weight:** 7.00 kg (packed product).

AN-C2,5
BIACNCC00400



UPON REQUEST

Cylindrical column (2.5 m height) with tamper protection against opening, superior and inferior caps and guides for accessories/barriers installation
Height: 2.5 m. **Diameter:** 145 mm. **Material:** Smoke plexiglass with internal aluminium structure. **Weight:** 7.00 kg (packed product).

AN-C3
BIACNCC00500





UPON REQUEST

Cylindrical column (3 m height) with tamper protection against opening, superior and inferior caps and guides for accessories/barriers installation
Height: 3.0 m. **Diameter:** 145 mm. **Material:** Smoke plexiglass with internal aluminium structure. **Weight:** 7.00 kg (packed product).


Infrared linear detectors

AN-PL BIACNAC00200		Lamp holder cap for AN and BEL series columns (lamp holder and lamp not included) Diameter: 145 mm.
AN-CR BIACNAC00300		Circuit kit with heating element and thermostat. It prevents the creation of mist inside the column that could cause damage to the optic range of installed barriers
AN-CB BIACNAC00400		Bracket for ground installation of the columns for the AN and BEL barriers. Screws to be fixed in concrete Weight: 3.00 kg (packed product).
AN-CS BIACNAC00500		Bracket for wall mounting of the columns for the AN and BEL linear detectors
ANCP2 BIACNAC00900		Two-bracket kit for IRB barriers mounting inside columns. Fixing screws supplied (install a kit for each barrier)
TM/60M ASTSF0000100		AC230V/AC24V transformer (60VA) for the columns for AN and BEL barriers Weight: 1.50 kg (packed product).
AN-AS BIACNAC00800		Sensor against leap over, for AN and BEL barriers columns

Accessories for LK series linear detectors

LKB BIACNSN00100		Swivel mounts for LK-IR barriers for mounting at an angle of 15°: 2 swivel mounts for barrier base with internal cable feeding, 2 barrier profile swivel mounts LKIR2V2: n. 1 LKB. LK50/4: n. 1 LKB. LKIR4V2: n. 1 LKB + n.1 LKP. LKIR6V2: n. 1 LKB + n.2 LKP. LKIR8V2: n. 1 LKB + n.2 LKP. Higher versions: n.1 LKB + as many swivel mounts as the barrier length requires. Weight: 60 g.
LKP BIACNSN00200		Swivel mounts for LK-IR barriers for mounting at an angle of 15°: 4 barrier profile swivel mounts LKIR2V2: n. 1 LKB. LK50/4: n. 1 LKB. LKIR4V2: n. 1 LKB + n.1 LKP. LKIR6V2: n. 1 LKB + n.2 LKP. LKIR8V2: n. 1 LKB + n.2 LKP. Higher versions: n.1 LKB + as many swivel mounts as the barrier length requires. Weight: 40 g.

Various circuits

R24H/AA ACCIV0000900		1-modular line repeater circuit. It can be used to signal the disqualification of IRB linear detectors to the control unit. Dimensions: W 50 × H 30 × D 17 mm. Weight: 20 g (packed product). Consumption at power voltage - Maximum: 20 mA. Power supply: 12 Vcc.
--------------------------------	---	---

Perimeter protections

Magnetic contacts

Cylindrical contacts

RM/S2
PPCMACI00100



A-S10 - Cylindrical flush-mount magnetic contact (10 pcs.)

Material: Brass. **Installation:** On aluminium and wooden surfaces (iron is not suitable). **Closing distances:** 12 mm on aluminium, 10 mm on wood. **Dimensions:** head diameter 10 × body diameter 7.5 × total length 26.5 mm. **Connections:** 4 wires. **Protection class:** IP65. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV. **Package:** Supplied in 10-pcs pack only.

S10S
PPCMACI00300



Cylindrical flush-mount magnetic contact. NO/NC switch Reed contact (10 pcs.)

Material: Brass. **Installation:** On aluminium and wooden surfaces (iron is not suitable). **Closing distances:** 12 mm on aluminium, 10 mm on wood. **Dimensions:** head diameter 10 × body diameter 7.5 × total length 26.5 mm. **Connections:** 4 wires. **Protection class:** IP65. **Package:** Supplied in 10-pcs pack only.

C/CO
PPCMACI00400



A-CO Large-size flush-mount magnetic contact for security doors, safes and the like, with standard bulb and electro-insulated contacts (10 pcs.)

Material: Brass. **Installation:** On aluminium, wooden and iron surfaces. **Closing distances:** 20 mm on aluminium, 20 mm on wood, 10 mm on iron. **Dimensions:** Diameter 24 × D 15 mm. **Connections:** 4 wires. **Protection class:** IP65. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV. **Package:** Supplied in 10-pcs pack only.

K109
PPCMACI01100



UTKCI03-91 - Long-range magnetic contact for security doors (5 pcs.)

Material: Brass case with double-diameter knurled endings for stable fixing. **Installation:** On magnetic iron or non-iron window and door frames. **Closing distances:** 20 mm (non-iron), 17 mm (iron). **Dimensions:** Diameter max 24 × D 18 mm. **Connections:** 4 wires. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV. **Package:** Supplied in 5-pcs pack only.

K111
PPCMACI01400



Flush-mount magnetic contact with inertial sensor (2 pcs.)

Material: plastic, white. **Installation:** On iron and non-iron window and door frames. It requires a CA/SI series analysis circuit or control units and concentrators equipped with fast zones. **Closing distances:** 20 mm (non-iron), 10 mm (iron). **Dimensions:** Diameter 20 × 29 mm. **Connections:** 4 wires. **Protection class:** IP65. **Package:** Supplied in 2-pcs pack only.

RMS2/P
PPCMACI00500



A-S1P Cylindrical flush-mount NC magnetic contact (10 pcs.)

Material: Plastic case. **Installation:** On aluminium and wooden surfaces (iron is not suitable). **Closing distances:** 12 mm on aluminium, 12 mm on wood. **Dimensions:** Head diameter 10 mm × body diameter 8 mm × total length 28.8 mm. **Connections:** 4 wires. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV. **Package:** Supplied in 10-pcs pack only.

Surface-mount contacts

CM2
PPCMACV02600



Surface-mount magnetic contact, white plastic case (10 pcs.)

Material: white plastic. **Installation:** on aluminium, wooden and iron surfaces. **Closing distances:** 16 mm on aluminium, 9 mm on iron, 16 mm on wood. **Dimensions:** W 51 × H 11 × D 10 mm. **Connections:** 4 wires. **Package:** supplied in 10-pcs pack only.

CM2M
PPCMACV02700



Surface-mount magnetic contact, brown plastic case (10 pcs.)

Material: brown plastic. **Installation:** on aluminium, wooden and iron surfaces. **Closing distances:** 16 mm on aluminium, 9 mm on iron, 16 mm on wood. **Dimensions:** W 51 × H 11 × D 10 mm. **Connections:** 4 wires. **Package:** supplied in 10-pcs pack only.

AR3P
PPCMACV00300



A-R3P Surface-mount magnetic contact (10 pcs.)

Material: White plastic. **Installation:** on aluminium, wooden and iron surfaces. **Closing distances:** 10 mm on aluminium, 5 mm on iron, 10 mm on wood. **Dimensions:** W 32 × H 8 × D 15 mm. **Connections:** 4 wires. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV. **Package:** supplied in 10-pcs pack only.



C/PO
PPCMACV00700



A-C3 power surface-mount magnetic contact

Material: metal-armoured. **Installation:** on aluminium, wooden and iron surfaces. **Closing distances:** 19 mm on aluminium, 12 mm on iron, 19 mm on wood. **Dimensions:** W 56 × H 19 × D 13 mm. **Weight:** 180 g (packed product). **Connections:** 4 wires. **Protection class:** IP65. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV.



C/POV
PPCMACV00800



A-C3P power surface-mount glass fiber magnetic contact

Material: glass fibre. **Installation:** on aluminium, wooden and iron surfaces. **Closing distances:** 16 mm on aluminium, 7 mm on iron, 16 mm on wood. **Dimensions:** W 56 × H 19 × D 13 mm. **Connections:** 4 wires. **Protection class:** IP65. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV.



RM/UL
PPCMAAV00200



UP10 - Ultra-flat magnetic contact in plastic case for rolling shutters (10 pcs.)

Material: plastic. **Installation:** on aluminium, wooden and iron surfaces. **Closing distances:** 40 mm on aluminium, 20 mm on iron, 40 mm on wood. **Dimensions:** W 68 × H 5 × D 20 mm. **Connections:** 2 wires. **Protection class:** IP21. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV. **Package:** supplied in 10-pcs pack only.



C/PG
PPCMACP00100



A-SC4 Surface-mount magnetic contact standard and up-and-over doors

Material: super armoured metal. **Installation:** on aluminium, wooden and iron surfaces. **Closing distances:** 30 mm on aluminium, 25 mm on iron, 28 mm on wood. **Dimensions:** reed: W 151 × H 12 × D 41 mm; magnet: 61 × 29 mm. **Weight:** 350 g (packed product). **Connections:** 4 wires. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV.



K104
PPCMACP00400



UTKCB01 - Surface-mountable long-range magnetic contact for standard and up-and-over doors

Material: die-cast aluminium. **Installation:** on aluminium, wooden and iron surfaces. **Closing distances:** 35 mm on non-iron, 30 mm on iron. **Dimensions:** reed 130 × 42 × 15 mm; magnet 98 × 30 × 25 mm. **Weight:** 325 g (packed product). **Connections:** 4 wires. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV.



K101
PPCMACE00500



UTKCH01-91 - Triple-balanced magnetic contact for surface mounting

Linked magnetic field: Yes. **Material:** high-security varnished aluminium case for indoor/outdoor installation. **Installation:** suitable on iron and other surfaces. **Closing distances:** 3 - 17 mm. **Dimensions:** W 120 × H 37 × D 26 mm. **Connections:** terminal connections. **Protection class:** IP65. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 3, environmental class IV.



K102
PPCMACE00600



UTKCH02-91 - Double-balanced magnetic contact for surface mounting

Material: high-security varnished aluminium case for indoor/outdoor installation. **Installation:** suitable on iron and other surfaces. **Closing distances:** 5 - 25 mm. **Dimensions:** W 120 × H 37 × D 26 mm. **Connections:** terminal connections. **Protection class:** IP65. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 3, environmental class IV.



K103
PPCMACE00900



UTKCH21-91 - Triple-balanced magnetic contact for surface mounting. Protected against removal (both for the contact and the magnet)

Linked magnetic field: Yes. **Material:** high-security varnished aluminium case for indoor/outdoor installation. **Installation:** suitable on iron and other surfaces. **Closing distances:** 3 - 17 mm. **Dimensions:** W 120 × H 37 × D 26 mm. **Connections:** terminal connections. **Protection class:** IP65. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 3, environmental class IV.



K105
PPCMACP01400



Surface-mount magnetic contact (10 pcs.)

Material: plastic, white. **Installation:** on iron doors. **Closing distances:** 15mm. **Dimensions:** reed: W 60 × H 17 × D 13 mm; magnet: W 60 × H 13 × D 13 mm. **Connections:** terminal connections. **Package:** supplied in 10-pcs pack only.

K105M
PPCMACP01500



Surface-mount magnetic contact, brown colour (10 pcs.)

Material: brown plastic. **Installation:** on iron doors. **Closing distances:** 15mm. **Dimensions:** reed: W 60 × H 17 × D 13 mm; magnet: W 60 × H 13 × D 13 mm. **Connections:** terminal connections. **Package:** supplied in 10-pcs pack only.

K107
PPCMACV01600



UTKCS02-91 - Long-range surface-mount magnetic contact (2 pcs.)

Contact type: NC contact with closed door. **Material:** high-resistance die-cast aluminium. **Installation:** on to iron doors, fixing screws equipped with caps for protection against removal. **Closing distances:** 30 mm on non-iron, 22 mm on iron. **Dimensions:** W 80 × H 18 × D 18 mm (reed contact and magnet). **Connections:** 4 wires. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV. **Package:** supplied in 2-pcs pack only.

K107S
PPCMACV01700



UTKC5025 - Long-range surface-mount magnetic contact with NO/NC relay (2 pcs.)

Contact type: with NO/NC switch contact. **Material:** high-resistance die-cast aluminium. **Installation:** on to iron doors, fixing screws equipped with caps for protection against removal. **Closing distances:** 30 mm on non-iron, 22 mm iron. **Dimensions:** W 80 × H 18 × D 18 mm (reed contact and magnet). **Connections:** 5 wires. **Package:** supplied in 2-pcs pack only.

K108
PPCMACV01800



UTKCS03-91 - Long-range surface-mount magnetic contact (2 pcs.)

Contact type: NC contact with closed door. **Material:** high-resistance die-cast aluminium. **Installation:** on to iron and non-iron window fixtures, fixing screws equipped with caps for protection against removal. **Closing distances:** 30 mm on non-iron, 22 mm iron. **Dimensions:** W 80 × H 18 × D 18 mm (reed contact and magnet). **Connections:** terminal connections. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 2, environmental class IV. **Package:** supplied in 2-pcs pack only.

K110
PPCMACV02300



UTKCHS47PM - Long-range surface-mount magnetic contact with magnetic protection function

Contact type: NC contact with closed door. **Material:** high-resistance die-cast aluminium. **Installation:** on to iron and non-iron window fixtures, fixing screws equipped with caps for protection against removal. **Closing distances:** 5 - 25 mm, 3 - 20 mm (on ferromagnetic surfaces). **Dimensions:** W 74 × H 18 × D 18 mm (reed contact and magnet). **Connections:** terminal connections. **Certifications:** IMQ-Security Systems EN 50131-2-6 grade 3, environmental class II.

Rod contacts

RM/AS
PPCMAAV00100



Surface mount thermoplastic rod contact, for rollup shutters and gates lifting and break-in detection

Connections: 4 wires. **Length:** bar 40 cm, cable 20 cm. **Weight:** 220 g (packed product).

Sensors and buttons

Buttons

C/484I
PPPPAPU00200



484-I - Anti-robbery push button with reset key, alarm status LED indicator. Self-protected against opening. Double-sided mounting tape

Material: satiny aluminium coated plastic material. **Protection class:** IP32. **Certifications:** IMQ-Alarm III level according to CEI 79-2.

Rolling shutter sensors

CFT20
PPRINAV00800



Wire contact for roll-up shutters, gates and blinds, with ABS plastic body and microswitch with NC contact operation. Terminal board connection
Dimensions: W 95 × H 84 × D 17 mm. **Weight:** 100 g (packed product).

Collision detectors

RM/SV
PPRINRV00100



Vibration contact to detect glass break events

Housing: plastic housing with fastening adhesive. Self-protected closing and opening. Sensitivity adjustment using internal screw. **Installation:** It requires a CA/SI series analysis circuit or control units and concentrators equipped with fast zones. **Weight:** 20 g (packed product).

IMPACTOR
PPRINMU00400



Miniaturized piezoelectric impact sensor for sudden impact detection. Suitable for installation on steel, brick, wood, concrete, glass surfaces. Protected against opening

Adjustable parameters: sensitivity (2 levels), pulse count. **Operating indications:** alarm status LED indicator. **Coverage:** from 1.5 m to 4 m. **Dimensions:** W 87 × H 26 × D 21 mm. **Certifications:** EN 50131-1, EN 50131-2-8 grade 1, environmental class II.

SI65
PPRINMU00900



Outdoor black varnished aluminium inertial sensor for grills and general metal enclosures protection. Electromechanical sphere-based detection system. Requires an analysis circuit for fast detectors (CA/SI), or alternatively control units and concentrators equipped with fast zones

Wiring cables: 4-wire connection cable (1 m) + sheath (50 cm). **Dimensions:** W 56 × Ø 22 mm. **Protection class:** IP65.

Inertial sensors

SI1
PPRINMU00600



High sensitivity Inertia Switch sensor. To interface with CA/SI series analysis circuit or control units and concentrators equipped with fast zones (5 pcs.)

Material: waterproof thermoplastic body. Fixed with side hinges. **Protection class:** IP55. **Dimensions:** W 30 × H 20 × D 35 mm. **Weight:** 200 g (packed product, 5 pieces). **Package:** 5 pieces.

SI3
PPRINMU00300



Inertia Switch sensor with 3 axis accelerometer. NC/balanced selectable output. It allows accurate detection of vibration applied to the device under attack. Its small dimensions allow placing it in small devices

SICM1
PPRINMU00800



Inertial sensor with combined magnetic contact for glass walls and general surfaces protection. To interface with CA/SI series analysis circuit or control units and concentrators equipped with fast zones

Housing: plastic protected with tamper against opening. **Coverage:** 2.5 mm on glass. **Wirings:** internal wiring terminals. **Dimensions:** W 50 × H 29 × D 16 mm.

Glass-break detection contacts

US/714
PPRINRV00200



Probe with mercury contact for protecting glass panels and the like. To interface with CA/SI series analysis circuit or control units and concentrators equipped with fast zones (10 pcs.)

Material: plastic self-adhesive case; built-in tamper protection. **Weight:** 350 g (packed product, 5 pieces). **Package:** 10-pcs pack.

Analysis circuit

CA/SI
PPRINSC00100



Analysis circuit used to interface intrusion detection control units with lines of inertial or roll-up shutter sensors

Weight: 80 g (packed product).

Seismic detectors

RMI01
PPRSIMP00200



Stand-alone microphone impact detector

Coverage radius/area: up to 46 sqm. **Material:** white ABS. **Installation:** on each type of surface. **Adjustable parameters:** configuration and adjustment via Wi-Fi dongle (RMIDNG) to be wired to the detector and APP for mobile devices. **Functions:** protection from weak collisions, strong collisions, breach, continuous vibrations. Protection from opening and removal, thermal tampering, programmable periodic self-test, operational test. **Terminals:** power supply; inputs for operational test and ARM memory; outputs for alarms (continuous vibrations, weak collision, strong collisions and breach), self-test or operational test failure, insufficient power supply, tampering. **Dimensions:** W 89 × H 89 × D 20 mm. **Weight:** 53 g. **Power supply:** from 8 Vdc to 16 Vdc (nominal voltage: DC12V). **Current draw:** 20 mA, 50 mA max. **Working temperature:** -20 / +70 °C. **Protection class:** IP40. **Certifications:** EN 50131-1, EN 50131-2-8 grade 3, environmental class II.

ACCESSORIES - Plate: RMIBRK. **Wi-Fi dongle:** RMIDNG.

Accessories for RMI01

RMIBRK
PPRSIAC00400



Pre-drilled fixing plate for RMI01

Installation: both on hollow-core concrete and on metal surfaces, wall-mount and ceiling-mount. **Material:** galvanized steel. **Dimensions:** W 89 × H 89 × D 3 mm. **Weight:** 135 g.

RMIDNG
PPRSIAC00500



Wi-Fi dongle to enable RMI01 wireless functions

Dimensions: W 20 × H 28 × D 14 mm. **Weight:** 4 g.

Trasmittitori perimetrali

NG-TRX wireless transmitters

VIRGO2K
RWRM0015200



Outdoor perimetral wireless NG-TRX transmitter equipped with magnetic contact

Compatibility: Villeggio NG-TRX control units and GATEWAY2K. **Wireless range:** 800 m (with clear line of sight). **Protections:** protection against removal with KSAS1013 kit (optional). **Indications:** External LED. **Dimensions:** transmitter W 90 × H 29 × D 32; magnet W 48 × H 16 × D 16 mm. **Protection class:** IP55. **Colour:** white (VIRGO2K) / brown (VIRGOM2K). **Power supply:** 3.6 V from ER14250 lithium battery. **Consumption at power voltage - Inactive mode:** 2.6 µA; **Transmitting:** 23.5 mA. **Autonomy:** 4 years. **Certifications:** IMQ-Security Systems EN 50131-2-6 and EN 50131-5-3 grade 2, environmental class II.

VIRGOM2K
RWRM0015400



VIRGO2K transmitter in brown case

LUPUS2K
RWRM0014800



Perimeter wireless NG-TRX transmitter with 2 zones for external contact and rolling shutter

Compatibility: Villeggio NG-TRX control units and GATEWAY2K. **Additional inputs:** 1 NC input for magnetic contacts. 1 NC input, programmed by default for connection with rollup shutter sensors (up to 8 m long), it can be programmed as additional input for magnetic contacts if necessary. **Channel management:** up to 3 (freely configurable as on-board contact, first external contact, additional external contact/roll-up shutter). **Programming:** via BrowserOne software. **Protections:** Protection against opening. Protection against removal with KSAS1013 kit (optional). **Wireless range:** 2000 m (with clear line of sight). **Indications:** External LED. **Dimensions:** Transmitter: W 150 × H 33 × D 39 mm; magnet: W 47 × H 19 × D 15 mm. **Protection class:** IP3X. **Colour:** White (LUPUS2K) / Brown (LUPUSM2K). **Power supply:** 3.6 V from ER14250 lithium battery. **Autonomy:** 5 years. **Certifications:** IMQ-Security Systems EN 50131-2-6 and EN 50131-5-3 grade 2, environmental class II.

LUPUSM2K

RWRCM0014900



LUPUS2K transmitter in brown case

LUPUSC2K

RWRCM0014400



Perimeter wireless NG-TRX compact transmitter with 2 zones for external contact and rolling shutter

Compatibility: Villeggio NG-TRX control units and GATEWAY2K. **Additional inputs:** 1 NC input for magnetic contacts. 1 NC input, programmed by default for connection with rollup shutter sensors, it can be programmed as additional input for magnetic contacts if necessary. **Channel management:** up to 3 (freely configurable as on-board contact, first external contact, additional external contact/roll-up shutter). **Programming:** via BrowserOne software. **Protections:** Protection against opening. Protection against removal with KSAS1013 kit (optional). **Wireless range:** 1100 m (with clear line of sight). **Indications:** External LED. **Dimensions:** Transmitter: W 40 × H 77 × D 26 mm; magnet: W 51 × H 9 × D 11 mm. **Protection class:** IP3X. **Colour:** White (LUPUSC2K) / Brown (LUPUSCM2K). **Power supply:** 3.6 V from ER14250 lithium battery. **Autonomy:** 5 years. **Certifications:** IMQ-Security Systems EN 50131-2-6 and EN 50131-5-3 grade 2, environmental class II.

LUPUSCM2K

RWRCM0014500



LUPUSC2K transmitter in brown case

VOLANS2K

RWRCM0015000



Perimetral wireless NG-TRX transmitter equipped with magnetic contact and on-board piezo sensor

Compatibility: Villeggio NG-TRX control units and GATEWAY2K. **Additional inputs:** 1 NC input for magnetic contacts. 1 NC input, programmed by default for connection with rollup shutter sensors (up to 8 m long), it can be programmed as additional input for magnetic contacts if necessary. **Channel management:** up to 4 freely configurable as on-board contact, first external contact, additional external contact/roll-up shutter, on-board piezo sensor. **Programming:** via BrowserOne software. **Protections:** Protection against opening. Protection against removal with KSAS1013 kit (optional). **Wireless range:** 2000 m (with clear line of sight). **Indications:** External LED. **Dimensions:** transmitter: W 150 × H 33 × D 39 mm; magnet: W 47 × H 19 × D 15 mm. **Protection class:** IP3X. **Colour:** white (VOLANS2K) / brown (VOLANSM2K). **Power supply:** 3.6 V from ER14250 lithium battery. **Autonomy:** 4 years. **Certifications:** IMQ-Security Systems EN 50131-2-6 and EN 50131-5-3 grade 2, environmental class II.

VOLANSM2K

RWRCM0015100



VOLANS2K transmitter in brown case

VOLANSC2K

RWRCM0014600



Compact perimetral wireless NG-TRX transmitter equipped with magnetic contact and on-board piezo sensor

Compatibility: Villeggio NG-TRX control units and GATEWAY2K. **Additional inputs:** 1 NC input for magnetic contacts. 1 NC input, programmed by default for connection with rollup shutter sensors, it can be programmed as additional input for magnetic contacts if necessary. **Channel management:** up to 4 freely configurable as on-board contact, first external contact, additional external contact/roll-up shutter, on-board piezo sensor. **Programming:** via BrowserOne software. **Protections:** Protection against opening. Protection against removal with KSAS1013 kit (optional). **Wireless range:** 1100 m (with clear line of sight). **Indications:** External LED. **Dimensions:** transmitter: W 40 × H 77 × D 26 mm; magnet W 51 × H 9 × D 11 mm. **Protection class:** IP3X. **Colour:** white (VOLANSC2K) / brown (VOLANSCM2K). **Power supply:** 3.6 V from ER14250 lithium battery. **Autonomy:** 4 years. **Certifications:** IMQ-Security Systems EN 50131-2-6 and EN 50131-5-3 grade 2, environmental class II.

VOLANSCM2K

RWRCM0014700



VOLANSCM2K transmitter in brown case

NG-TRX wireless contacts

VEGA2K

RWRCM0008800

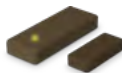


Ultra-compact indoor wireless NG-TRX perimeter transmitter equipped with magnet

Compatibility: Villeggio NG-TRX control units and GATEWAY2K. **Protections:** Protection against removal. **Wireless range:** 450 m (with clear line of sight). **Indications:** External LED. **Dimensions:** transmitter: W 62 × H 8 × D 24 mm; magnet W 37 × H 7 × D 16 mm. **Protection class:** IP3X. **Colour:** white (VEGA2K) / brown (VEGAM2K). **Power supply:** 3.6 V from CR2032 lithium battery. **Autonomy:** 2 years. **Standards:** compliant with EN50131-2-6, EN50131-5-3 grade 2, environmental class II.

VEGAM2K

RWRCM0009300



VEGAM2K transmitter in brown case

Wireless transmitters

VIRGOEXT

RWRCM0013900



Outdoor perimeter wireless transmitter equipped with magnetic contact

Compatibility: HELIOS, HERCOLA, VILLEGGIO, VILLEGGIO NG-TRX control units, HALENTE and HALLEY RX-TX wireless units, RIVERRF/RIVERRFPLUS concentrators. **Wireless range:** 150 m (with clear line of sight). **Indications:** External LED. **Dimensions:** transmitter W 90 × H 29 × D 32; magnet W 48 × H 16 × D 16 mm. **Colour:** white (VIRGOEXT) / brown (VIRGOEXTM). **Protection class:** IP55. **Power supply:** 3.6 V from ER14250 lithium battery. **Autonomy:** 4 years. **Standards:** compliant with EN50131-2-6, EN50131-5-3 grade 1.

VIRGOEXTM

RWRCM0014300



VIRGOEXTM transmitter in brown case

LUPUS

RWRCM0013700



Perimeter wireless transmitter with 2 zones for external contact and rolling shutter

Compatibility: HELIOS, HERCOLA, VILLEGGIO, VILLEGGIO NG-TRX control units, HALENTE and HALLEY RX-TX wireless units, RIVERRF/RIVERRFPLUS concentrators. **Additional inputs:** 1 NC input for magnetic contacts. 1 NC input, programmed by default for connection with rollup shutter sensors (up to 8 m long), it can be programmed as additional input for magnetic contacts if necessary. **Channel management:** up to 2 (freely configurable as onboard contact, first external contact, additional external contact/roll-up shutter). **Protections:** Protection against opening. **Wireless range:** 150 m (with clear line of sight). **Indications:** External LED. **Dimensions:** Transmitter: W 150 × H 33 × D 39 mm; magnet: W 47 × H 19 × D 15 mm. **Colour:** White (LUPUS) / Brown (LUPUSM). **Protection class:** IP3X. **Power supply:** 3.6 V from ER14250 lithium battery. **Autonomy:** 5 years.

LUPUSM

RWRCM0014100



LUPUSM transmitter in brown case

LUPUSC RWRCM0012900



Perimeter wireless compact transmitter with 2 zones for external contact and rolling shutter

Compatibility: HELIOS, HERCOLA, VILLEGGIO, VILLEGGIO NG-TRX control units, HALENTE and HALLEY RX-TX wireless units, RIVERRF/RIVERRFPLUS concentrators. **Additional inputs:** 1 NC input for magnetic contacts. 1 NC input, programmed by default for connection with rollup shutter sensors, it can be programmed as additional input for magnetic contacts. **Channel management:** up to 2 (freely configurable as onboard contact, first external contact, additional external contact/roll-up shutter). **Protections:** Protection against opening. **Wireless range:** 150 m (with clear line of sight). **Indications:** External LED. **Dimensions:** Transmitter: W 40 × H 77 × D 26 mm; magnet: W 51 × H 9 × D 11 mm. **Colour:** White (LUPUSC) / Brown (LUPUSCM). **Protection class:** IP3X. **Power supply:** 3,6 V. **Autonomy:** 5 years.

LUPUSCM RWRCM0013300



LUPUSC transmitter in brown case

VOLANS RWRCM0014000



Perimetral wireless transmitter equipped with magnetic contact and on-board piezo sensor

Compatibility: HELIOS, HERCOLA, VILLEGGIO, VILLEGGIO NG-TRX control units, HALENTE and HALLEY RX-TX wireless units, RIVERRF/RIVERRFPLUS concentrators. **Additional inputs:** 1 NC input for magnetic contacts. 1 NC input, programmed by default for connection with rollup shutter sensors (up to 8 m long), it can be programmed as additional input for magnetic contacts if necessary. **Channel management:** possible combinations: magnetic contact + onboard inertial sensor; external magnetic contact + on-board inertial sensor; external magnetic contact + external roll-up shutter sensor + on-board inertial sensor; on-board inertial sensor only. **Protections:** Protection against opening. **Wireless range:** 150 m (with clear line of sight). **Indications:** External LED. **Dimensions:** transmitter: W 150 × H 33 × D 39 mm; magnet: W 47 × H 19 × D 15 mm. **Colour:** white (VOLANS) / brown (VOLANSM). **Protection class:** IP3X. **Power supply:** 3.6 V from ER14250 lithium battery. **Autonomy:** 4 years.

VOLANSM RWRCM0014200



VOLANS transmitter in brown case

VOLANSC RWRCM0013100



Compact perimetral wireless transmitter equipped with magnetic contact and onboard piezo sensor

Compatibility: HELIOS, HERCOLA, VILLEGGIO, VILLEGGIO NG-TRX control units, HALENTE and HALLEY RX-TX wireless units, RIVERRF/RIVERRFPLUS concentrators. **Additional inputs:** 1 NC input for magnetic contacts. 1 NC input, programmed by default for connection with rollup shutter sensors, it can be programmed as additional input for magnetic contacts. **Channel management:** possible combinations: magnetic contact + onboard inertial sensor; external magnetic contact + on-board inertial sensor; external magnetic contact + external roll-up shutter sensor + on-board inertial sensor; on-board inertial sensor only. **Protections:** Protection against opening. **Wireless range:** 150 m (with clear line of sight). **Indications:** External LED. **Dimensions:** transmitter: W 40 × H 77 × D 26 mm; magnet W 51 × H 9 × D 11 mm. **Colour:** white (VOLANSC) / brown (VOLANSCM). **Protection class:** IP3X. **Power supply:** 3.6 V from ER14250 lithium battery. **Autonomy:** 4 years.

VOLANSCM RWRCM0013500



VOLANSC transmitter in brown case

Fog system

NEBULA fog system

NEBULA12 SNNEB0001400



Fog system kit. It includes 1 NEBULA12 (SNNEB0001300) fog system with RS-485 ULTRABUS interface and 2 × DC12V 1.3 Ah batteries

Max saturation volume: 150 cu. m. **Time to saturate 80% of max volume:** 60 s. **Alarm cycle max duration:** 35 s. **Emissions per single tank/bag:** 8. **Pulse mode:** 5 cycles, 5-20 s each. **Programming:** via TCP/IP Ethernet and ULTRABUS (RS-485). **Tank/bag capacity:** 1.1 l. **Compound average life:** 2 years. **Installation:** ceiling-mount or wall-mount. **RS-485 interface:** yes, compatible with PREGIO, ETR G2, PROXIMA, TITANIA and VIDOMO2K units. **Zones:** 4 programmable inputs. **Outputs:** 4 programmable relay outputs, 2 × DC12V/150mA power outputs for additional components. **Parts supplied:** Fixing bracket, 0° tilt nozzle, 2 × DC12V/1.3Ah backup batteries. **Dimensions:** W 318 × H 316 × D 176 mm. **Weight:** 13.00 kg. **Power consumption:** average: 25 W, in emission: 300 W. **Power supply:** AC230V.

ACCESSORIES - Nozzle: UGNEB30. **Nozzle:** UGNEB31. **Nozzle:** UGNEB3C. **Nozzle:** UGNEBC. **Extension:** UGNEBPU. **Tank capacity:** SFNEB1.1.

NEBULA24 SNNEB0001500



Fog system kit. It includes 1 NEBULA24 (SNNEB0001100) fog system with RS-485 ULTRABUS interface and 2 × DC12V 1.3 Ah batteries

Max saturation volume: 266 cu. m. **Time to saturate 80% of max volume:** 90 s. **Alarm cycle max duration:** 60 s. **Emissions per single tank/bag:** 7. **Pulse mode:** 5 cycles, 5-20 s each. **Programming:** via TCP/IP Ethernet and ULTRABUS (RS-485). **Tank/bag capacity:** 1,6 litres. **Compound average life:** 2 years. **Installation:** ceiling-mount or wall-mount. **RS-485 interface:** yes, compatible with PREGIO, ETR G2, PROXIMA, TITANIA and VIDOMO2K units. **Zones:** 4 programmable inputs. **Outputs:** 4 programmable relay outputs, 2 × DC12V/150mA power outputs for additional components. **Parts supplied:** Fixing bracket, 0° tilt nozzle, 2 × DC12V/1.3Ah backup batteries. **Dimensions:** W 310 × H 464 × D 200 mm. **Weight:** 19.00 kg. **Power consumption:** average: 50 W, in emission: 1000 W. **Power supply:** AC230V.

ACCESSORIES - Nozzle: UGNEB30. **Nozzle:** UGNEB31. **Nozzle:** UGNEB3C. **Nozzle:** UGNEBC. **Extension:** UGNEBPU. **Tank capacity:** SFNEB1.6.

Emission table

	NEBULA12	NEBULA24
Max saturation volume	150 cu. m	266 cu. m
Time to saturate 80% of max volume	60 s	90 s
Tank/bag capacity	1.1 l	1,6 litres
Emissions per single tank/bag (recommended visibility)	8	7

Accessories for NEBULA fog systems

UGNEB30 SNACC0100100

Nozzle 30°: it directs the fog with a 30° angle, recommended for wall installation

UGNEB31 SNACC0100200

Nozzle 30° with 3 holes (combi): it delivers the fog in 3 different directions at 30° angle

UGNEB3C SNACC0100300

3-hole nozzle: it delivers the fog in 3 different directions, effective to cover large windows and multiple exposures

UGNEBC SNACC0100400

Custom nozzle: upon request, it can be made with custom angles

UGNEBPU SNACC0100600

7 cm nozzle extension

SFNEB1 SNACC0200700

Fluid bag 1 litre for NEBULA50 and NEBULA80

SFNEB1.1 SNACC0200500

Fluid tank 1.1 litres for NEBULA12 fog systems

SFNEB1.6 SNACC0200100

Fluid tank 1.6 litres for NEBULA24 and NEBULA39 SNNEB0001600 fog systems

SFNEB3.1
SNACCO200200

Fluid tank 3.1 litres for NEBULA78 SNNEB0001700 fog system

For disposal of the empty tank, please deliver it to EL.MO. with the relative document accompanying the product and using SVNEB1.1, SVNEB1.6 or SVNEB3.1 codes (see below). The amount will be credited upon tank restitution.

Tank disposal service

SVNEB1.1
SNACCO200600

1.1-litre empty tank for return management

SVNEB1.6
SNACCO200300

1.6-litre empty tank for return management

SVNEB3.1
SNACCO200400

3.1-litre empty tank for return management

Devices for sanitation

NEBUCLEAN sanitizing fog systems

NEBUCLEAN200
SNNEB0100700



Sanitizing stand-alone system with 200 cu. m ambient saturation capacity, with NCBAG500 bag

Fog emitted in one single shot: 200 cu. m. **Sanitizing blend composition:** water, alcohol, dipropylene glycol, quaternary ammonium salts. **Shooting time:** settable on board. **Programming:** via weekly programmer interfacing the fog system with EL.MO. control units to program activations. **Indications:** front LEDs. **Tank/bag capacity:** 500 ml. **Zones:** 2 wired inputs for arming and emission. **Outputs:** outputs for fault, shooting confirmation, empty/low bag signalling. **Parts supplied:** NCBAG500 bag. **Weight:** 7.50 kg (without bag). **Power supply:** AC 230 V from switching unit. **Power consumption:** 170 W during heating, 37 W in maintenance. **Current draw:** 1.2 A at DC12V. **Battery:** Pb 2 Ah 12V.

ACCESSORIES - Spare fluid bag: NCBAG500. **Cleaning bag:** NCSP500.

NEBUCLEAN300
SNNEB0100800



Sanitizing stand-alone system with 300 cu. m ambient saturation capacity, with NCBAG500 bag

Fog emitted in one single shot: 300 cu. m. **Sanitizing blend composition:** water, alcohol, dipropylene glycol, quaternary ammonium salts. **Shooting time:** settable on board. **Programming:** via weekly programmer interfacing the fog system with EL.MO. control units to program activations. **Indications:** front LEDs. **Tank/bag capacity:** 500 ml. **Zones:** 2 wired inputs for arming and emission. **Outputs:** outputs for fault, shooting confirmation, empty/low bag signalling. **Parts supplied:** NCBAG500 bag. **Weight:** 8.00 kg (without bag). **Power supply:** AC 230 V from switching unit. **Power consumption:** 170 W during heating, 37 W in maintenance. **Current draw:** 1.2 A at DC12V. **Battery:** Pb 2 Ah 12V.

ACCESSORIES - Spare fluid bag: NCBAG500. **Cleaning bag:** NCSP500.

NEBUCLEAN400
SNNEB0100900



UPON REQUEST

Sanitizing stand-alone system with 400 mc ambient saturation capacity, with NCBAG750 bag

Fog emitted in one single shot: 400 cu. m. **Sanitizing blend composition:** water, alcohol, dipropylene glycol, quaternary ammonium salts. **Shooting time:** settable on board. **Programming:** via weekly programmer interfacing the fog system with EL.MO. control units to program activations. **Indications:** front LEDs. **Tank/bag capacity:** 750 ml. **Zones:** 2 wired inputs for arming and emission. **Outputs:** outputs for fault, shooting confirmation, empty/low bag signalling. **Parts supplied:** NCBAG750 bag. **Weight:** 8.50 kg (without bag). **Power supply:** AC 230 V from switching unit. **Power consumption:** 280 W during heating, 48 W in maintenance. **Current draw:** 1.8 A at 12V. **Battery:** Pb 2 Ah 12V.

ACCESSORIES - Spare fluid bag: NCBAG750. **Cleaning bag:** NCSP500.

NEBUCLEAN500
SNNEB0101000



UPON REQUEST

Sanitizing stand-alone system with 500 cu. m ambient saturation capacity, with NCBAG750 bag

Fog emitted in one single shot: 500 cu. m. **Sanitizing blend composition:** water, alcohol, dipropylene glycol, quaternary ammonium salts. **Shooting time:** settable on board. **Programming:** via weekly programmer interfacing the fog system with EL.MO. control units to program activations. **Indications:** front LEDs. **Tank/bag capacity:** 750 ml. **Zones:** 2 wired inputs for arming and emission. **Outputs:** outputs for fault, shooting confirmation, empty/low bag signalling. **Parts supplied:** NCBAG750 bag. **Weight:** 8.50 kg (without bag). **Power supply:** AC 230 V from switching unit. **Power consumption:** 280 W during heating, 48 W in maintenance. **Current draw:** 1.8 A at 12V. **Battery:** Pb 2 Ah 12V.

ACCESSORIES - Spare fluid bag: NCBAG750. **Cleaning bag:** NCSP500.

NEBUCLEAN1500
SNNEB0101100



UPON REQUEST

Sanitizing stand-alone system with 1500 cu. m ambient saturation capacity, with NCBAG1000 bag

Fog emitted in one single shot: 1500 cu. m. **Sanitizing blend composition:** water, alcohol, dipropylene glycol, quaternary ammonium salts. **Shooting time:** settable on board. **Programming:** via weekly programmer interfacing the fog system with EL.MO. control units to program activations. **Indications:** front LEDs. **Tank/bag capacity:** 1000 ml. **Zones:** 2 wired inputs for arming and emission. **Outputs:** outputs for fault, shooting confirmation, empty/low bag signalling. **Parts supplied:** NCBAG1000 bag. **Weight:** 22.00 kg (without bag and battery). **Power supply:** AC 230 V from switching unit. **Power consumption:** 500 W during heating, 60 W in maintenance. **Battery:** Pb 2 Ah 12V.

ACCESSORIES - Nozzle extension: NCPRG7. **Spare fluid bag:** NCBAG1000. **Cleaning bag:** NCSP1000.

NEBUCLEAN4000 SNNEB0101200



UPON REQUEST

Sanitizing stand-alone system with 4000 cu. m ambient saturation capacity, with NCBAG4000 bag

Fog emitted in one single shot: 4000 cu. m. **Sanitizing blend composition:** water, alcohol, dipropylene glycol, quaternary ammonium salts. **Shooting time:** settable on board. **Programming:** via weekly programmer interfacing the fog system with EL.MO. control units to program activations. **Indications:** front LEDs. **Tank/bag capacity:** 4000 ml. **Zones:** 2 wired inputs for arming and emission. **Outputs:** outputs for fault, shooting confirmation, empty/low bag signalling. **Parts supplied:** NCBAG4000 bag. **Weight:** 46.00 kg (without bag and battery). **Power supply:** AC 230 V from switching unit. **Power consumption:** 500 W during heating, 110 W in maintenance. **Battery:** FIAMM FG 20721 or similar.

ACCESSORIES - Nozzle extension: NCPRG7. **Spare fluid bag:** NCBAG4000. **Cleaning bag:** NCSP1000.

Accessories for NEBUCLEAN line

NCBAG500 SNACC0201400

500 ml spare bag for NEBUCLEAN200 and NEBUCLEAN300

NCBAG750 SNACC0201500

UPON REQUEST

750 ml spare bag for NEBUCLEAN400 and NEBUCLEAN500

NCBAG1000 SNACC0201600

UPON REQUEST

1000 ml spare bag for NEBUCLEAN1500

NCBAG4000 SNACC0201700

UPON REQUEST

4000 ml spare bag for NEBUCLEAN4000

NCSP1000 SNACC0201900

UPON REQUEST

1000 ml cleaning bag for NEBUCLEAN1500/4000

NCPRG7 SNACC0100700

UPON REQUEST

7 cm nozzle extension for NEBUCLEAN1500 and NEBUCLEAN4000

Ozone generator

OPM5000 SNOPM0000100



Ozone generator for room sanitation

Programming: using an integrated digital timer, to configure up to 17 activation and deactivation programs (days, hours, minutes). **Startup:** automatic after programming (recommended) or manual. **Treatment duration:** variable according to the size of the room to sanitize. **Ozone production mass flow:** 5000 mg/h. **Fan air flow:** 100 CFM. **Maximum noise:** 45 dBm. **Dimensions:** W 180 × H 158 × D 307 mm. **Weight:** 2.60 kg. **Power supply:** AC 230 V, 50 Hz. **Power consumption:** 90 W.

Sirens and accessories

Wireless outdoor sirens

GAIA2K
SWEST0001000



Wireless NG-TRX outdoor two-way siren

Compatibility: Villeggio NG-TRX series and GATEWAY2K. **Operative frequencies:** 868.120 - 868.820 - 869.525 MHz frequencies for LPD devices. **Wireless range:** 2000 m (with clear line of sight). **Programming:** using BrowserOne software via PC (also remotely via LAN/WAN). **Sound pressure:** 103 dBA @ 3 m, 110 dBA @ 1 m (at 7.2 V, with maximum volume). **Sound type:** two-tone sound (1.2 kHz / 1.8 kHz). 3 other sweep tones and auxiliary acoustic signals can be programmed. **Horns:** 1 magneto-dynamic 4-Ohm horn. **Housing:** protected against cover opening and removal from the wall. **Protection class:** IP34. **Dimensions:** W 202 × H 242 × D 90 mm. **Weight:** 1.20 kg. **Consumption at power voltage - Idle mode:** 315 µA; **Maximum:** 1100 mA. **Power supply:** from lithium battery pack BLSH3360 supplied. **Autonomy:** 3 years with 1 alarm cycle per month and 4 control unit arming and disarming operations per day. **Certifications:** IMQ-Security Systems EN 50131-5-3, EN 50131-4 grade 2, environmental class IV.

GAIA4
SWEST0000100



Wireless outdoor siren

Compatibility: HELIOS, HERCOLA, VILLEGGIO series, RX-TX HALENTE and HALLEY wireless units, TXSIR transmitter. **Operative frequencies:** European frequencies for LPD devices. **Wireless range:** 150 m (with clear line of sight). **Programming:** using BrowserOne software via PC. **Sound pressure:** 102 dBA at 3 m, 110 dBA at 1 m (at 7.2 V, with maximum volume). **Sound type:** 2-tone sound (1.2 kHz - 1.8 kHz). **Horns:** 1 magneto-dynamic 4-Ohm horn. **Housing:** protected against cover opening and removal from the wall. **Protection class:** IP34. **Dimensions:** W 202 × H 242 × D 90 mm. **Weight:** 1.20 kg. **Consumption at power voltage - Idle mode:** 150 µA; **Alarm mode:** 1000.0 mA. **Power supply:** from lithium battery pack BLSH3360 supplied. **Autonomy:** 3 years with 1 alarm cycle per month and 4 control unit arming and disarming operations per day.

HYDRA4
SWEST0000200



Supervised wireless siren

Compatibility: HELIOS, HERCOLA, VILLEGGIO series, RX-TX HALENTE and HALLEY wireless units, TXSIR transmitter. **Operative frequencies:** European frequencies for LPD devices. **Wireless range:** 150 m (with clear line of sight). **Sound pressure:** 102 dB at 3 m. **Horns:** 4-Ohm 2-tone horn. **Indications:** Activation upon reception of the digital code received by the built-in radio module. **Maximum alarm time:** 1 min (factory default). **Flashing:** 60 per minute. **Protection class:** IP34. **Dimensions:** W 253 × H 290 × D 85 mm. **Weight:** 1.40 kg. **Housing:** white, protected against cover opening and removing from the wall. **Consumption at power voltage - Idle mode:** 150 µA; **Alarm mode:** 1000.0 mA. **Power supply:** 12 V from BLSH3360 lithium battery pack included.

ULTRABUS outdoor sirens

LEDA485VOX
SREST0006900



White outdoor RS-485 ULTRABUS siren with voice synthesis, LED flasher, system state LED, 2 horns. White color. Patent no. 0001418739

Compatibility: ETR G2, PREGIO, VIDOMO2K, PROXIMA and TITANIAPLUS. **Sound pressure:** 107 dB at 1 m (at DC12V). **Horns:** 2 × 4-Ohm horns. **Indications:** High-brightness LED flasher, LED for system state signalling, 2 white LEDs for customizable multi-function signalling. **Functions:** Advanced voice synthesis functions. Programmable via PC using BrowserOne. Optical and acoustical signalling programmable for: flasher, system state, proper operation, arming and disarming, alarm, tamper, anomaly, memory and service. Programmable alarm time. Self-diagnosis for battery state control and fault. Signalling adjustable volume. Foaming input management. Environmental temperature reading from built-in sensor. Power supply state reading. 3 standard macros + 9 macros customizable by the user. 8 customizable messages can be recorded by the user (+ 5 standard sounds), 2-minute recording duration. **Housing:** White (LEDA485VOX) / metal bronze (LEDABR485VOX) / metal beige (LEDABE485VOX). Protected against cover opening and removal from the wall. **Protection class:** Per installazione in esterno, contenitore protetto contro corpi solidi di dimensioni superiori a 2,5 mm e contro gli spruzzi d'acqua. **Dimensions:** W 226 × H 310 × D 90 mm. **Weight:** 1.90 kg. **Power supply:** 12 Vcc. **Consumption at power voltage - Idle mode:** 30.0 mA; **Alarm mode:** 380.0 mA. **Battery:** B1.212G battery (not supplied) 12 V / 1.2 Ah, (max dimensions W 97 × H 51 × D 43 mm - poles excluded). **Certifications:** IMQ-Security Systems EN 50131-4 grade 3, environmental class IV.

LEDABR485VOX SREST0004900



LEDA485VOX siren in metal bronze case

LEDABE485VOX SREST0004600



LEDA485VOX siren in metal beige case

LEDA485VOXK SREST0006000



UPON REQUEST

Kit composed of LEDA485VOX SREST00034#00 and board MDPROGLV SRACC00008#00

Functions: the MDPROGLV module allows connection to third-party intrusion detection control units via free-from-potential contacts. It allows to play the alarm signal and 2 messages, choosing them among 8 recordable sounds, 4 standard sounds, 3 standard macros and 9 macros configurable by the installer. It allows to display system state, alarm memory and operation choosing among 6 types of luminous signals. It allows to play sound signals for system arming state change. **Programming:** via onboard dips and via Leda485Configurator software supplied with MDPROGLV. **Standards:** compliant with EN 50131-4 grade 3, environmental class IV.

LEDA485 SREST0002600



Outdoor RS-485 ULTRABUS siren with LED flasher, system state LED, 2 horns. White colour. Patent: application no. VE2013A000035

Compatibility: ETR G2, PREGIO, VIDOMO2K, PROXIMA and TITANIAPLUS. **Sound pressure:** 107 dB at 1 m (at DC12V). **Horns:** 2 × 4-Ohm horns. **Indications:** High-brightness LED flasher, LED for system state signalling, 2 white LEDs for customizable multi-function signalling. **Functions:** Programmable via PC using BrowserOne. Optical and acoustical signalling programmable for: flasher, system state, proper operation, arming and disarming, alarm, tamper, anomaly, memory and service. Programmable alarm time. Self-diagnosis for battery state control and fault. Signalling adjustable volume. Foaming input management. Environmental temperature reading from built-in sensor. Power supply state reading. **Housing:** White (LEDA485) / metal bronze (LEDABR485) / metal beige (LEDABE485). Protected against cover opening and removal from the wall. **Protection class:** Per installazione in esterno, contenitore protetto contro corpi solidi di dimensioni superiori a 2,5 mm e contro gli spruzzi d'acqua. **Dimensions:** W 226 × H 310 × D 90 mm. **Weight:** 1.90 kg. **Power supply:** 12 Vcc. **Consumption at power voltage - Idle mode:** 21.0 mA; **Alarm mode:** 700.0 mA. **Battery:** B1.212G battery (not supplied) 12 V / 1.2 Ah, (max dimensions W 97 × H 51 × D 43 mm - poles excluded). **Standards:** compliant with EN 50131-4 grade 2, environmental class IV.

LEDABR485 SREST0004800



LEDA485 siren in metal bronze case

LEDABE485 SREST0004500



LEDA485 siren in metal beige case

SA5000
SREST0006600



SOON AVAILABLE

ULTRABUS RS-485 outdoor siren with 2 horns with backlit logo

Horns: 2 magnetodynamic horns. **Indications:** High-brightness LED flasher, LED for system state signalling, backlit logo. **Power supply:** 12 Vcc. **Battery:** 12 V / 1.3 Ah. **Standards:** Compliant with EN50131-4 grade 3, environmental class IV. **Patent pending**

Wired outdoor sirens

LEDA series outdoor wired sirens

LEDA
SREST0002400



Outdoor wired siren with LED flasher, system state LED, 2 horns. White colour. Patent: application no. VE2013A000035

Compatibility: EL.MO. and third-party control units. **Sound pressure:** 107 dB at 1 m (at DC12V). **Horns:** 2 × 4-Ohm horns. **Indications:** high-brightness LED flasher in sync with sound emission, LED for system state signalling. **Maximum alarm time:** 5 min. **Flashing:** 120 per minute. **Functions:** Built-in temperature sensor. Input for optional foaming device (optional). **Housing:** White (LEDA) / metal bronze (LEDABR) / metal beige (LEDABE). Protected against cover opening and removal from the wall. **Protection class:** Per installazione in esterno, contenitore protetto contro corpi solidi di dimensioni superiori a 2,5 mm e contro gli spruzzi d'acqua. **Dimensions:** W 226 × H 310 × D 90 mm. **Weight:** 1.90 kg. **Power supply:** DC13.8V. **Consumption at power voltage - Idle mode:** 21.0 mA; **Alarm mode:** 700.0 mA. **Battery:** B1.212G battery (not supplied) 12 V / 1.2 Ah, (max dimensions W 97 × H 51 × D 43 mm - poles excluded). **Standards:** compliant with CEI 79-2.

LEDABR
SREST0004700



LEDA siren in metal bronze case

LEDABE
SREST0004400



LEDA siren in metal beige case

SA series outdoor wired sirens

SA500
SREST0007000



Outdoor piezoelectric siren with 1 horn, orange LED flasher, customizable RGB system state LEDs

Horns: 1 piezo horn. **Activation:** By reference voltage fall. **Indications:** temporized orange LED and RGB LED for system state indication. **Sound pressure:** 107 dB (peak). **Maximum alarm time:** 5 minutes. **Flashing:** 120 per minute. **Dimensions:** W 245 × H 245 × D 65 mm. **Weight:** 1.30 kg. **Housing:** White case. **Protection class:** IP44. **Power supply:** 14,4 V. **Consumption at power voltage - Idle mode:** 13.0 mA; **Alarm mode:** 400.0 mA. **Battery:** B1.212G (12 V 1.2 Ah). **Certifications:** IMQ-Security Systems EN 50131-4 grade 3, environmental class IV.



SA101A
SREST0005200



Self-powered outdoor siren with 2 horns, orange LED flasher and blue system state LED

Horns: 2 two-tone horns. **Activation:** By reference voltage fall. **Indications:** temporized orange LEDs and blue LED for system ON/OFF indication. **Sound pressure:** 112 dB at 1 meter. **Maximum alarm time:** 6 minutes ± 20%. **Flashing:** 120 per minute. **Dimensions:** W 253 × H 290 × D 85 mm. **Weight:** 1.90 kg. **Housing:** Novodur Bayer white case. **Protection class:** IP44. **Power supply:** DC14.4V. **Consumption at power voltage - Idle mode:** 18.0 mA; **Alarm mode:** 1300.0 mA. **Battery:** B1.212G (not included). **Certifications:** IMQ-Security Systems EN 50131-4 grade 3, environmental class IV.



SA101B
SREST0005300



Self-powered outdoor siren with 2 horns, blue LED flasher and orange system state LED

Horns: 2 two-tone horns. **Activation:** By reference voltage fall. **Indications:** temporized blue LEDs and orange LEDs for system ON/OFF indication. **Sound pressure:** 112 dB at 1 meter. **Maximum alarm time:** 6 minutes ± 20%. **Flashing:** 120 per minute. **Dimensions:** W 253 × H 290 × D 85 mm. **Weight:** 1.90 kg. **Housing:** Novodur Bayer white case. **Protection class:** IP44. **Power supply:** DC14.4V. **Consumption at power voltage - Idle mode:** 18.0 mA; **Alarm mode:** 1300.0 mA. **Battery:** B1.212G (not included). **Certifications:** IMQ-Security Systems EN 50131-4 grade 3, environmental class IV.



SA100A
SREST0005400



Self-powered outdoor siren with 1 horn, orange LED flasher and blue system state LED

Horns: 1 two-tone horn. **Indications:** orange alarm LED indicator, blue status LED. **Sound pressure:** max 110 dB at 1 meter. **Maximum alarm time:** 5 minutes. **Dimensions:** W 253 × H 290 × D 85 mm. **Weight:** 1.40 kg. **Housing:** Novodur Bayer white case. **Protection class:** IP44. **Power supply:** DC14.4V. **Consumption at power voltage - Idle mode:** 15.0 mA; **Alarm mode:** 1300.0 mA. **Battery:** B1.212G (not included). **Certifications:** IMQ-Security Systems EN 50131-4 grade 3, environmental class IV.



SA301B
SREST0005500



Self-powered outdoor siren with 1 horn, blue LED flasher and orange system state LED

Horns: one 4-Ohm horn. **Activation:** By reference voltage fall. **Indications:** Blue LED flasher, orange LED for system ON/OFF indication. **Sound pressure:** max 108 dB at 1 meter at DC12V. **Maximum alarm time:** 5 minutes. **Flashing:** 120 per minute. **Dimensions:** W 202 × H 242 × D 90 mm. **Weight:** 1.20 kg. **Protection class:** IP44. **Power supply:** DC14.4V. **Consumption at power voltage - Idle mode:** 15.0 mA; **Alarm mode:** 1500.0 mA. **Battery:** B1.212G (not included). **Certifications:** IMQ-Security Systems EN 50131-4 grade 3, environmental class IV.



Wired indoor sirens

EL/2000
SRINT0000100



DC12V piezo siren in plastic case

Sound pressure: 96 dB. **Protection class:** IP3X. **Dimensions:** W 100 × H 70 × D 35 mm. **Weight:** 100 g (packed product). **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 300 mA.

EL/6F
SRINT0000200



DC12V piezo siren in plastic case with high LED lighting

Sound pressure: 100 dB. Separate activation of siren and flasher. **Dimensions:** W 73 × H 122 × D 46 mm. **Weight:** 210 g (packed product). **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 150 mA.

EL503
SRINT0000600



Recessed-mount sounder for 503-series box

Housing: it occupies a two-module space. Protected against removal and opening. Installation on BTICINO MAGIC flange. **Use:** for indoor use. **Sound pressure:** 91 dB. **Dimensions:** W 44 × H 42 × D 66 mm. **Weight:** 70 g (packed product). **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 450 mA.

For compatible adapters, see section "IR8000 and EL503 series adapters".

EL503B
SRINT0000700



White EL503 sounder
For compatible adapters, see section "IR8000 and EL503 series adapters".

EL/7
SRINT0000300



Piezo siren in ABS plastic case (6 pcs.)
Sound pressure: 102 dB. **Protection class:** IP3X. **Dimensions:** W 137 × H 95 × D 40 mm. **Weight:** 210 g (packed product). **Power supply:** 12 Vcc. **Consumption at power voltage - Maximum:** 340 mA. **Package:** 6 pieces. **Standards:** compliant with EN50131-4 grade 2, environmental class II.

EL/7A
SRINT0000400



Piezo siren in ABS plastic case with self powering circuit (6 pcs.)
Sound pressure: 102 dB. **Protection class:** IP3X. **Dimensions:** W 137 × H 95 × D 40 mm. **Weight:** 210 g (packed product). **Power supply:** 13.8 Vdc. Self-powered with 9V battery (not supplied). **Consumption at power voltage - Maximum:** 310 mA. **Package:** 6 pieces.

SA50
SRINT0001700



Indoor piezoelectric siren with white LED flasher
Peak sound pressure: 108 dB. **Dimensions:** W 122 × H 116 × D 35 mm. **Weight:** 140 g. **Power supply:** 12 V. **Consumption at power voltage - Alarm mode:** 80.0 mA. **Conformity:** EN 50131-4: grade 2. **Environmental class:** II.

SA40
SRINT0001800



Indoor siren
Average sound pressure: 101 dB. **Dimensions:** W 122 × H 116 × D 35 mm. **Weight:** 135 g. **Power supply:** 12 V. **Consumption at power voltage - Maximum:** 270 mA.

Optical-acoustic device

AV01AL
PGPMG0100100



Indoor optical-acoustic indicator
Indications: Omnidirectional front blinking optical LED. Acoustic indicator with sound pressure of 100 ± 5 dB at 1 m. Low battery indication. **Connections:** Possibility to connect up to 20 optical-acoustic alarm devices together with a polarized cable pair. **Activation:** With front switch. When an optical-acoustic alarm device switch activates, all connected optical-acoustic alarm devices will activate too. **Use:** for indoor use. **Dimensions:** W 180 × H 230 × D 70 mm. **Weight:** 470 g. **Power supply:** 9V/PP3 alkaline battery supplied, battery life up to 1 year in idle mode.

Accessories for sirens

FL/B
SRLMP0000100



DC12V flashing beacon with xenon lamp
Protection class: IP34. **Max. power consumption:** 145 mA. **Flashing frequency:** 110 flashes per minute. **Dimensions:** W 75 × H 60 × D 88 mm. **Weight:** 140 g (packed product).

AL/AA
SRACC0000100



300 mA auxiliary power supply unit for SA100, SA100CR, SA97, SA/91 and SA/89 sirens
Dimensions: W 68 × H 92 × D 20 mm. **Weight:** 50 g (packed product).

MD/AS
SRACC0000600



Anti-foaming module for outdoor sirens to be mounted on the siren
Consumption at power voltage - Idle mode: 7 mA; **Alarm mode:** 25.0 mA.

Remote alarms for mobile network

Telephone diallers

TRHCOMBI
CTCGP0100500



GSM/PSTN telephone dialler, remote interrogation and control functions, featuring built-in dual band GSM module

Compatibility: with rechargeable and contract 3V SIM cards. **Zones:** 4 wired inputs expandable to 8 through split function. **Outputs:** 4 O.C. state outputs. 4 O.C. programmable and remotely controllable outputs. 1 programmable relay output. RS-232 and RS-485 interfaces. **Messages:** 5 customizable messages. **Numbers:** 16 telephone numbers for voice/text messages communications. 2 numbers for digital communications. 100 standard text messages. **Power supply:** DC13.8V. **Max. power consumption:** 260 mA. **Weight:** 1.20 kg (packed product). **Certifications:** IMQ-Alarm II level according to CEI 79-2.

GSMESSENGER
CTGSM0200200



GSM telephone dialler with built-in dual band GSM module

Compatibility: with rechargeable and contract 3V SIM cards. **Zones:** 4 balanced inputs. **Messages:** 12 text messages preset by default. **Numbers:** 4 phone numbers reserved for text messages. 13-second voice messages. **Power supply:** DC13.8V. **Max. power consumption:** 220 mA. **Weight:** 1.14 kg (packed product). **Certifications:** IMQ-Alarm II level according to CEI 79-2.

Telephone dialler kits

KITTRHAD
CTCGP0100900



Kit including a GSM/PSTN phone dialler with 4/8 inputs TRHCOMBI (CTCGP0100500) and 1 adapter for dual band phone dialler GSMEXA15 ADANTTRH (CTACC0000600)

KITGSMESAD
CTGSM0200400



Kit including a GSM/PSTN phone dialler with 4 inputs GSMESSENGER (CTGSM0200200) and 1 adapter for dual band phone dialler GSMEXA15 ADANTTRH (CTACC0000600)

Modules and accessories for diallers

TRHAL
GAALI0100200



AC230V - 13.8 Vdc (1 A) power supply unit in kit. To be installed inside the case of TRH series GSM diallers

Supplied current: 1 A. **Weight:** 630 g (packed product).

GSMEXA15
A1MDCCA00800



Optional antenna for MDGSME, ETRGSM, INT9200, NET832, NET9, PREGIO, PROXIMA supplied with 15 m cable. It can be installed 15 m far from control unit or GSM interface when used with the supplied antenna for a better coverage

Weight: 1000 g (packed product).

GSMEXA2
A1MDCCA00700



Optional antenna for MDGSME, ETRGSM, INT9200, NET832, NET9, PREGIO, PROXIMA supplied with 2 m cable. It can be installed 2 m far from control unit or GSM interface when used with the supplied antenna for a better coverage

Weight: 350 g (packed product).

Sickness signalling kit

TAM2K
TSTMT0000600



Sickness signalling kit including a personal device to warn the emergency services in case of sickness or danger and one relay board for alarm reception

Functions: Wearable device functions: manual alarm pressing the central red button; manual tear alarm; automatic "man down" alarm in horizontal or vertical position; coverage test. Relay board functions: alarm reception from wearable device and output activation. **Wireless range:** 30 m in free space, it can be checked through available test. **Operative frequencies:** ISM 2.4 GHz: 2400 MHz – 2438 MHz. **Power supply:** for the wearable device: battery rechargeable using the supplied charging base; for the relay board: 12 V. **Dimensions:** 100 × 60 × 20 mm. **Weight:** 70 g.

Power supply

Power supply units

MDPOWER
AWMDAAL00100



Supervised power supply module for VILLEGGIO control unit AC230V powering. Connector to wire a Pack1 or Pack2 battery pack. Output to recharge an external self-powered siren

Supplied current: max 1 A. **Weight:** 150 g (packed product).

MDPOWER24
AWMDAAL00200



Power supply module for VILLEGGIO control unit DC24V powering. To be used when the control unit is installed in campers or boats equipped with DC24V electrical systems. Required to replace MDPOWER and battery pack

Weight: 90 g (packed product).

TLC/AL
GAALI0100100



AC230V - 13.8 Vdc power supply unit in plastic case

Supplied current: 500 mA. **Dimensions:** W 120 × H 61 × D 76 mm. **Weight:** 630 g (packed product).

AL3RSM
GAALI0200900



13.6 Vdc switching power supply unit with universal mains socket and metal case. Equipped with RS-485 ULTRABUS serial interface for connection over bus, with up to 20 settable addresses

Compatibility: ETR G2 series control units, PREGIO, VIDOMO2K, TITANIA, TITANIAPLUS. **Supplied current:** 3 A. **Connectable battery:** up to 17 Ah. **Weight:** 780 g (packed product). **Standards:** Compliant with EN 50131-6 level 2.

AL5.0
GAALI0101200



13.8 Vdc / 5 A power supply unit (open version)

Supplied current: 5 A max. **Connectable battery:** up to 12 V / 26 Ah. **Outputs:** 1 × 12V power supply output, 1 output for mains presence, 1 output for siren battery recharge. **Current draw:** 650 mA at AC230V. Current protection at 5.5 A. **Dimensions:** W 100 × H 118 × D 30 mm. **Weight:** 280 g.

AL12AURA2K
GAALI0101300



DC12V power supply unit for AURA2K keypads

Power supply: AC230V. **Supplied current:** 410 mA. **Output voltage:** 12 Vcc. **Dimensions:** W 56 × H 40 × D 25 mm. **Weight:** 43 g.

AL2SW24
GIALI0200500



Power supply unit with AC230V / 2A input and 29 Vdc / 2A output

Supplied current: 2 A. **Outputs:** DC29V - 2 A. JST connector. **Weight:** 280 g (packed product).

Accessories for power supply units

SC/18
GAACC0100100



Circuit to control the operating state of a power supply unit included in a power supply group

Outputs: 2 relay outputs for low battery, over voltage and mains failure. **Max. power consumption:** 65 mA. **Weight:** 60 g (packed product).

FAR
ACCIV0001600



Double-T Filter for interferences suppression on AC230V power lines

Max range: 2 A. **Power supply:** AC230V. **Dimensions:** W 130 × H 35 × D 46 mm. **Weight:** 200 g (packed product).

Power supply groups

C11RS
GAGRA0001600



Supervised power supply unit with RS-485 ULTRABUS interface and galvanic insulation

Compatibility: VIDOMO2K, PREGIO, ETR G2, PROXIMA, TITANIAPLUS. **Power supply:** AC 230 V from 13.6 V switching power supply unit. **Supplied current:** max 6.25 A distributed among outputs supply and backup battery recharge. **Outputs:** 5 outputs for 12V device supply, 1 output for siren reference, 1 output to recharge the siren battery. **Connectable battery:** up to 12V / 40 Ah. **Setup:** via dip switch (standalone mode) / BrowserOne (supervised mode). **Indications:** front LEDs, BrowserOne page. **Working temperature:** -10 / +55 °C. **Dimensions:** W 305 × H 385 × D 210 mm. **Weight:** 2.70 kg. **Certifications:** IMQ-Security Systems EN 50131-6 and EN 50131-1 grade 3, environmental class II.

C10RS
GAGRA0001500



13.8Vdc / 3A supervised power supply unit with RS-485 ULTRABUS interface

Compatibility: VIDOMO2K, PREGIO, ETR G2, PROXIMA, TITANIAPLUS. **Power supply:** AC 230 V from 13.6 V switching power supply unit. **Supplied current:** max 3 A. **Outputs:** 1 × 12V LOAD output, 1 output for siren reference, 1 output to recharge the siren battery. **Connectable battery:** up to 18 Ah. **Setup:** via dip switch (standalone mode) / BrowserOne (supervised mode). **Indications:** front LEDs, BrowserOne page. **Working temperature:** -10 / +55 °C. **Dimensions:** W 260 × H 305 × D 125 mm. **Weight:** 3.05 kg. **Certifications:** IMQ-Security Systems EN 50131-6 and EN 50131-1 grade 2, environmental class II.

C10SW
GAGRA0001200



Power supply group for detectors to be used in addition to the control unit power supply unit.

Power supply: AC230V from 13.8 Vdc power supply unit. **Supplied current:** max 3 A. **Outputs:** 1 × 12V LOAD output, 1 output for siren reference, 1 output to recharge the siren battery; outputs for primary supply fault, battery fault and tamper. **Connectable battery:** 12V / 7Ah B712G or 12V / 18Ah B1812G battery. **Indications:** via control LED. **Weight:** 3.05 kg. **Standards:** compliant with EN50131-6 grade 1-2, environmental class II.

C15K
GAGRA0001700



13.8 Vdc / 5A power supply group

Power supply: AC230V from 13.8 Vdc power supply unit. **Supplied current:** max 5 A. **Outputs:** 2 × 12V power supply unit outputs; 1 mains presence output, 1 low battery output, 1 siren battery recharge output. **Connectable battery:** up to 12 V / 26 Ah. **Indications:** via control LED. **Dimensions:** W 305 × H 385 × D 210 mm. **Weight:** 5.35 kg (packed product). **Certifications:** IMQ-Security Systems EN 50131-6 grade 2, environmental class II.

Power supply unit cases

C11
GAACC0200200



Case for power supply unit (AL/2.5 or AL/3,5) and battery (up to 12 V / 26 Ah) equipped with control LEDs

Dimensions: W 305 × H 385 × D 215 mm. **Weight:** 5.20 kg (packed product).

C10
GAACC0200100



Case for power supply unit (AL/2.5) and battery (up to 12 V / 17 Ah) equipped with control LEDs

Dimensions: W 260 × H 305 × D 132 mm. **Weight:** 3.10 kg (packed product).

Software and accessories

GlobalPro



Supervision software for intrusion detection, fire detection and CCTV

Full management of all the activities from local and centralized workstations of all EL.MO. professional systems:

- Intrusion detection (TITANIA, ETR and PROXIMA control units via CEI-ABI protocol)
 - Fire detection systems based on FX and Tacóra control units (for control units of Tacóra series, GLOBALPRO only allows to monitor the status of the connected devices, like in BROWSE-RONE. It is not possible to send commands to these devices or to distinguish between their fault and alarm status)
 - CCTV (DVR and NVR e-Vision® PREMIUM, PRO and SMART series). It also allows the management of video-analysis systems based on Mirasys software
- GLOBALPRO requires a free training course at the EL.MO. headquarter; upon specific request, the course is feasible at the customer's premises (upon cost estimate). System assistance services (definition of the architecture structure) and technical assistance (system configuration and commissioning) can be requested upon cost estimate. Each GLOBALPRO (GPRO1, GPRO2, etc) License includes software maintenance insurance. It has 12-month validity starting from the date the License activation key is issued.

GPRO4

GMPRO0100400

GLOBALPRO supervision software license, management up to 100 alarm points of which 4 video points (up to 4 cameras), 1 site, 1 client. Not expandable

GPRO3

GMPRO0100300

GLOBALPRO supervision software license, management up to 500 alarm points of which 24 video points (up to 24 cameras), 1 site, unlimited clients

GPRO2

GMPRO0100200

GLOBALPRO supervision software license, management up to 1,000 alarm points of which 64 video points (up to 64 cameras), 1 site, unlimited clients

GPRO1

GMPRO0100100

GLOBALPRO supervision software license, unlimited management for intrusion detection and fire detection alarm points and cameras, 1 site, unlimited client

GPROLS1

GMPRO0100500

GLOBALPRO supervision software license for 1 additional site (GPRO1, GPRO2 and GPRO3 only)

GPROLP1

GMPRO0100600

GLOBALPRO supervision software license for 100 additional alarm points of which 10 video points (for GPRO2 and GPRO3)

GPROINTRUSION

GMPRO0100700

GLOBALPRO supervision software license only for intrusion detection systems that are based on ETR, PROXIMA and TITANIA control units. It manages up to 512 intrusion detection alarm points, 1 site, 1 client. Not expandable

GPROFIRE

GMPRO0100800

GLOBALPRO supervision software license for fire detection systems that are based on FX and TACÓRA control units. It manages up to 512 fire alarm points, 1 site, 1 client. Not expandable

GPRONTF

GMPRO0101200

GLOBALPRO supervision additional software license for management of fire detection control units that support fire CEI-ABI protocol for 1 site

GPROTCON24D

GMPRO0101300

GLOBALPRO supervision software license option to manage 1 ONVIF camera directly connected (0-24 cameras range)

GPROTCON64D

GMPRO0101400

GLOBALPRO supervision software license option to manage 1 ONVIF camera directly connected (25-64 cameras range)

GPROTCONXD

GMPRO0101500

GLOBALPRO supervision software license option to manage 1 ONVIF camera directly connected (unlimited cameras)

GPROTCON24N

GMPRO0101600

GLOBALPRO supervision software license option to manage 1 ONVIF camera connected to a PRO/SMART DVR (0-24 cameras range)

GPROTCON64N

GMPRO0101700

GLOBALPRO supervision software license option to manage 1 ONVIF camera connected to a PRO/SMART DVR (25-64 cameras range)

GPROTCONXN
GMPRO0101800

GLOBALPRO supervision software license option to manage 1 ONVIF camera connected to a PRO/SMART DVR (unlimited cameras)

SMA licenses for GlobalPro

Insurance extension of further 12 months for software maintenance. The insurance must be purchased within the first 12 months of application usage (12 months starting from the issue date of the license activation key). It gives GLOBALPRO users access to the updates for:

- Performance improvements
- New features
- New product families support
- Adaptation to future versions of the operating systems of servers and workstations
- Bugs fixing

For additional SMA extensions to those listed below, contact EL.MO. headquarter.

GPRO4SMA
GMPROSM00400

SMA for GPRO4

GPRO3SMA
GMPROSM00300

SMA for GPRO3

GPRO2SMA
GMPROSM00200

SMA for GPRO2

GPRO1SMA
GMPROSM00100

SMA for GPRO1

GPROLS1SMA
GMPROSM00500

SMA for GPROLS1

GPROLP1SMA
GMPROSM00600

SMA for GPROLP1

GPROINTRUSIONSMA
GMPROSM00700

SMA for GPROINTRUSION

GPROFIRESMA
GMPROSM00800

SMA for GPROFIRE

GPRONTFSMA
GMPROSM00900

SMA for GPRONTF

GPROTCON24DSMA
GMPROSM01000

SMA for GPROTCON24D

GPROTCON64DSMA
GMPROSM01100

SMA for GPROTCON64D

GPROTCONXD SMA
GMPROSM01200

SMA for GPROTCONXD

GPROTCON24NSMA
GMPROSM01300

SMA for GPROTCON24N

GPROTCON64NSMA
GMPROSM01400

SMA for GPROTCON64N

GPROTCONXNSMA
GMPROSM01500

SMA for GPROTCONXN

GLOBALPRO software engineering services

GPDWG
GMSWS0300100

Creation of a video map transforming existing DWG files into WMF (preferred) or other formats (not recommended), to be performed in our headquarters

GPCM GMSWS0300200	Loading video maps onto supervision software (travel expenses not included)
GPCP GMSWS0300300	Loading and configuring a point onto supervision software (travel expenses not included)
GPMOTS GMSWS0300400	Hourly service charge for system start up carried out by qualified personnel (travel expenses excluded)
GPMOSSW GMSWS0300500	Hourly service charge for software specialist (travel expenses excluded)
GPMGTS GMSWS0300600	Daily service (8 hours) charge for system start up carried out by qualified personnel (travel expenses excluded)
GPMGSSW GMSWS0300700	Daily service (8 hours) charge for software specialist (travel expenses excluded)

Accessories

GM168
GMSWS0400100



16 in / 8 out generic LAN interface with CEI-ABI protocol. It allows to interface intrusion detection and fire detection control units, DVR and NVR of third parties or existing devices through GLOBALPRO via LAN network
Protection class: IP3X. Max. power consumption: 280 mA. Dimensions: W 205 × H 250 × D 68 mm.

BrowserOne Enterprise



Configuration and remote assistance software.

BrowserOne Enterprise is the remote assistance software that works with e-Connect. It gives the security systems installation companies new opportunities to perform remote management of the systems connected to e-Connect.

Thanks to BrowserOne Enterprise, an installer company can synchronize the configuration of all the systems of its customers in a single server, and share it among all its technicians. This way, each operator can manage remote assistance sessions from any PC through BrowserOne Enterprise software anytime it is required. Not only: an installer that uses BrowserOne Enterprise is always equipped with the latest control unit firmware version, ready to be installed at the first maintenance session request.

Functions:

1. Synchronize in a single server the configurations of the systems managed by a service/maintenance company and share them with all of its technicians
2. Consult the system configuration history to control all changes made to an intrusion detection system and restore it to an old configuration, if required.
3. Save in a single database the information and configurations, such as:
 - Customer details and contact info.
 - Device configuration and event log.
 - Intervention date and useful information.
 - Parameters for connection to the device.

B1ENTERPRISES
SISBR0000300

1 BrowserOne Enterprise Server license + 1 Client License to be used on the same PC

B1ENTERPRISEC
SISBR0000400

1 BrowserOne Enterprise Client License

B1ENTERPRISESC
SISBR0000500

1 B1ENTERPRISES License + 1 B1ENTERPRISEC License

Supervision software

AX-MULTIDRX2
SISIC0000200

Software application with key for interfacing new EL.MO. control units to centralisation and/ or Home Management systems (multiple license)

e-Connect system

e-Connect is a service for systems centralization, management and supervision that combines in a single cloud platform EL.MO intrusion and fire detection systems, home management systems and e-Vision® video surveillance systems.



Disponibile da browser internet su connect.elmospa.com oppure da app per smartphone e tablet



e-Connect makes it possible to control burglar alarm and fire detection systems status (home, office, holiday houses, etc.), receive notifications, manage systems through graphic maps, enable/disable devices (i.e. detectors), display images of video surveillance systems, and control home management systems such as irrigation and lighting systems.

EL.MO. has taken advantage of its 40 years experience and has created this platform for end-users, installers, distributors keeping its focus on to security. Its architecture features a solid Cloud Server structure that includes all control units on the network and uses the most advanced SSL communication protocols (combined with certifications issued by internationally recognised Certification Authorities).

With its multilevel structure, e-Connect meets the growing needs of autonomy of end-users and business opportunities of installers and distributors. Users can communicate with their intrusion detection systems via smartphone, tablet and PC, always and everywhere, monitoring system status, receiving notifications and enabling or disabling alarm devices, thanks to the user-friendly interface and intuitive icons. Installers can manage all the systems of their customers on a single platform, with the possibility to supervise and remotely assist all the systems, everywhere, offering them customized solutions or with remote assistance sessions.

With e-Connect service it is possible to manage via smartphones, tablets or PCs:

- EL.MO. intrusion detection systems based on VILLEGGIO, PREGIO, HERCOLA, PROXIMA, ETR G2, TITANIA and NET control units.
- EL.MO. fire alarm systems based on TACÓRA panels.
- e-Vision® video surveillance systems of PRO, PREMIUM, SMART and SMB lines.
- Domotic systems associated to EL.MO. units.

Accessories

IPCONTACT
ACMDCCL01400



UPON REQUEST

Contact-ID IP interface module for EL.MO. intrusion detection control units. It allows to convert Contact-ID data received via PSTN and transmit them over IP (using the same protocol)

Built-in interfaces: RJ45 10 T-Base connector for connection to local network. Slot for inserting a SIM card for GPRS connection. **Power supply:** 10.5 - 15 Vdc. **Max. power consumption:** 500 mA (in transmission).

URSCONV
SAACC0000700



USB RS-232/485/422 converter.

Functions: transmission speed from 921.6 to 300 kbps, transmission distance 1200 m (towards RS-485/422 at 9600 bps) or 5 m (towards USB or RS-232). **Zones:** USB. **Outputs:** choice between RS-232/485/422 serial lines.

RSFO
DTCON0000600



UPON REQUEST

RS232-422-485 serial bus / multi mode optical fiber converter. Point-to-point half or full duplex transmission

Compatibility: ETR control units. **Wavelength:** 850 nm. **Power supply:** 12 - 48 Vdc. **Max. power consumption:** 100 mA (at DC12V). **Dimensions:** W 67 × H 22 × D 100 mm. **Weight:** 140 g. **Certifications:** CE, TUV, UL.

CP8/SER2
CICSS0000100



Cable for direct control unit programming. Software application required (not included)

Compatibility: ET8, ET4, HS, HELIOS, NET, ETR G1 and G2, FX, TACÓRA (up to firmware version 5.0.0) control units. **Weight:** 120 g (packed product).

Batteries

Batteries for wireless systems

PACK1
AWBAT0000100



Standard battery pack, 2-4 years life to be connected to MDPOWER module for VILLEGGIO control units

Weight: 290 g (packed product).

PACK2
AWBAT0000200



Standard battery pack, 6-8 years life equipped with cable and non-reversible connector, to be connected to MDPOWER module for VILLEGGIO control units

Weight: 360 g (packed product).

B6LR61
RWBAT0000100



Alkaline 9V battery for LUPUS4, LUPUS4M, VOLANS4, VOLANS4M, RPSIR, RP-PLUS, TV/HE, TV/LY, VELA, VELAPLUS, DRACO, DRACO G2, PEGASUS

Weight: 47 g (packed product).

B6LR61L
RWBAT0000200



Long-life Lithium 9V/1.2Ah battery for LUPUS4, LUPUS4M, VOLANS4, VOLANS4M, RPSIR, RPPLUS, TV/HE, TV/LY, VELA, VELAPLUS, DRACO, DRACO G2, PEGASUS

Weight: 47 g (packed product).

CR2032
OWBAT0100100



Lithium 3V/210mAh battery for ATLANTE, M4LED, VEGA2K and TYROS series

BLSH3360
SWBAT0000100



Lithium 7.2/14.5Ah battery for HYDRA4, GAIA

B1.2/6
BTBAT0001700



1.2Ah - 6V battery

Weight: 300 g (packed product).

ER14250
RWBAT0001100



3.6V/1.2Ah Lithium battery for RCALGRF, LUPUS series, VOLANS series, LUPUSC series, VOLANSC series, BLADE series, SCORPIO series and MDTEMP (5 pcs.)

Package: 5 pieces.

2ER14505
RWBAT0001000



7.2V/2.4Ah lithium battery for CONDOR, GRIFOX series, STRIXO series, TRIAL series

2ER14505M
RWBAT0000800



7.2V/2.4Ah lithium battery for VISIO2K

CR123A
RWBAT0001200



3 V battery for SMR2K and SMCOR2K

AGM Batteries

B0.812G
BTBAT0100700
e-Vision



0.8 Ah / 12 V AGM e-Vision battery for HERCOLA units

B1.212G
BTBAT0100100
e-Vision



1.2 Ah / 12 V AGM e-Vision battery
Dimensions: W 97 × H 43 × D 51 mm. **Weight:** 180 g (packed product).

B2.212G
BTBAT0100600
e-Vision



2.2 Ah / 12 V AGM e-Vision battery
Dimensions: W 177 × H 62 × D 35 mm. **Weight:** 900 g (packed product).

B412G
BTBAT0100800
e-Vision



4 Ah / 12 V AGM e-Vision battery for PREGIO500 units

B712G
BTBAT0100200
e-Vision



7 Ah / 12 V AGM e-Vision battery
Dimensions: W 151 × H 94 × D 65 mm. **Weight:** 2.12 kg (packed product).

B1812G
BTBAT0100300
e-Vision



18 Ah / 12 V AGM e-Vision battery
Dimensions: W 181 × H 167 × D 77 mm. **Weight:** 5.10 kg (packed product).

B2612I
BTBAT0002800



26 Ah / 12 V battery
Dimensions: W 175 × H 166 × D 125 mm.

B40/12
BTBAT0000700



40Ah / 12V battery
Dimensions: W 197 × H 170 × D 165 mm. **Weight:** 12.70 kg (packed product).




UPON REQUEST


Compatibility charts

Control units vs. devices compatibility

	Prodotto	VIDOM02K	VICOMPACT2K	HERCOLA	TITANIA	PREGIO2000	PREGIO2000PL	PREGIO1000/1000BM	PREGIO1000PL	PREGIO500(PL)	PROXIMA	TITANIAPLUS	TITANIACOMPACT	
Communication modules	MDNTP	✓	✓			✓	✓	✓	✓	✓				
	MDPSTN	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		
	MDGSMI	✓	onboard GSM module (mod. CWILO102600)	onboard GSM module			✓	✓	✓	✓				
	MDGSME	✓				✓	✓	✓	✓	✓	✓		✓	
	MD4GI	✓	onboard LTE module (mod. CWILO102700)				✓	✓	✓	✓				
	MD4GE	✓				✓	✓	✓	✓	✓				
	MDLAN	✓	✓			✓	✓	✓	✓			Onboard LAN module	2 onboard LAN modules	Onboard LAN module
	MDTEMP	✓	✓	✓										
	MDGPSE	✓	✓											
	MDWIFI	✓	✓											
	MDWIFIH				✓						✓			
	MDVOICE					✓							✓	✓
	MDVOICE64					✓	✓	✓	✓	✓	✓			
	ETRGSM					✓	✓	✓	✓	✓	✓		✓	✓
	Concentrators and accessories	RIVER series	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓
RIVERRF / RIVERRFPLUS		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
RIVERRFRT6		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
ETRREL		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
ETRREL4		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
CP8/REL		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
Remote controls	ATLANTE2K/ELISEO2K (and multisystem vers.)	✓	✓			(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)			
	ATLANTE4PLUS	✓	✓	✓										
	ATLANTE4	✓	✓	✓	✓	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	
	TYROS	✓	✓	✓	✓	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	(with RIVERRF)	
Control devices	KARMA	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
	AURA	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
	AURA2K	✓	✓		✓	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)			
	ANIMA	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
	NIRVA/MIDAS	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
	METIS/ METIS2				✓							✓	✓	
	ETRZENITH/IZENITH	✓				✓	✓	✓	✓	✓	✓	✓	✓	
	PASSLIGHT	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
	I66	✓	✓	✓										
	I8, I9	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
Other accessories and devices	MDPOWER, MDPOWER24	✓	✓											
	ETREIB	✓			✓	✓	✓	✓	✓	✓	✓	✓		
	ELMOGWAY, ELMOGWAY2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	ETRVARCO				✓							✓	✓	
	GATEWAY2K	✓				✓	✓	✓	✓	✓	✓			
	ETRTRAI	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
	RPX485	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
	CP8/SER2	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
	C10RS/C11RS/C15K	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
	MDRS232					✓	✓	✓	✓	✓	✓			
	AT42K, AT22K	✓	✓			(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)			
	RXMULTI2K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	ULTRABUS	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	
	RS-485 detectors	✓				✓	✓	✓	✓	✓	✓	✓	✓	
	Wireless 2K detectors	✓	✓			(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)	(with GATEWAY2K)			
LEDA485/ LEDA485VOX	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓		

Detectors vs. accessories compatibility

Accessories	SML/20	SML/TO	SML/PP	TRLTO	SN/D299	SN/D2099	SN/D10099	SNDSGX	CUPSGX	ANGSGX
										
	Lens	Lens	Lens	Lens	Swivel mount kit	Swivel mount kit	Swivel mount kit	Swivel mount	Sunshield	Bracket for corner mount
SCORPIO	☑	☑	☑	-	☑	☑	-	-	-	-
SCORPIO2K	☑	☑	☑	-	☑	☑	-	-	-	-
CONDOR	-	☑	-	-	☑	☑	-	-	-	-
CONDOR2K	-	☑	-	-	☑	☑	-	-	-	-
GRIFOX	-	-	-	-	-	-	-	☑	☑	☑
GRIFOX485	-	-	-	-	-	-	-	☑	☑	☑
GRIFOXRF	-	-	-	-	-	-	-	☑	☑	☑
GRIFO2K	-	-	-	-	-	-	-	☑	☑	☑
STRIXO	-	-	-	-	-	-	-	☑	☑	☑
STRIXO485	-	-	-	-	-	-	-	☑	☑	☑
STRIXORF	-	-	-	-	-	-	-	☑	☑	☑
STRIXO2K	-	-	-	-	-	-	-	☑	☑	☑
TRES01	-	-	-	☑	☑	☑	☑	-	-	-
TRES01485	-	-	-	☑	☑	☑	☑	-	-	-
DT4000	-	-	-	-	☑	☑	☑	-	-	-
DT2000	-	-	-	-	☑	☑	☑	-	-	-
DT2000485	-	-	-	-	☑	☑	☑	-	-	-

Accessories	SNDTRIAL	SNDTRIAL10	SNDVISIO	SND3D
				
	Swivel mount	Swivel mount kit	Swivel mount	Swivel mount
TRIALRF	☑	☑	-	-
TRIALRFH	☑	☑	-	-
TRIALRFV	☑	☑	-	-
TRIAL	☑	☑	-	-
TRIALH	☑	☑	-	-
TRIALV	☑	☑	-	-
TRIAL485	☑	☑	-	-
TRIAL485H	☑	☑	-	-
TRIAL485V	☑	☑	-	-
TRIAL2K	☑	☑	-	-
TRIALH2K	☑	☑	-	-
TRIALV2K	☑	☑	-	-
VISIO2K	-	-	☑	☑
DT93	-	-	-	☑
DT93485	-	-	-	☑

Sales conditions

1) SCOPE

- 1.1. The sale of products by EL.MO. is governed by Italian law and in particular by the provisions of these general conditions of sale (hereinafter also referred to as the Conditions), as well as by the provisions on sales pursuant to Articles 1470 et seq. of the Italian Civil Code.
- 1.2. Signing these Conditions by the Buyer entails the express waiver by the latter of its own conditions, even where these are referred to in the contractual documentation and/or invoices.

2) PRICES

- 2.1. The prices are those shown in the price list in force at the time of delivery of the merchandise and ex works cash payments will be considered. Prices do not include VAT, which is charged to the Buyer.
- 2.2. EL.MO. reserves the right to change the price list at any time without prior notice to customers.

3) DELIVERY

- 3.1. EL.MO. does not accept any liability for the delivery date which, where specified, is merely an indicative. If the date of delivery of the goods is postponed at the request of the Buyer, the latter hereby authorises EL.MO. to issue an invoice in advance, the amount of which shall be immediately paid by the Buyer.
- 3.2. The goods are intended to be sold "ex works", therefore they travel at the Buyer's risk, even if the shipment is carried out by EL.MO. through trusted or agreed carriers and/or forwarding agents. Delivery is deemed to be executed when the goods are taken charge of by the carrier and/or forwarding agent. Any loss or damage to the goods not attributable to EL.MO. shall under no circumstances give rise to compensation for damages by EL.MO.

4) COMPLAINTS

- 4.1. Any complaints shall be received in writing within eight days of receipt of the products; complaints for breakages and/or shortages shall be raised with the carrier at the time of delivery, activating, where applicable, carrier liability.
- 4.2. No complaint shall give the right to suspension of payments for any reason whatsoever, which shall be made in full on the part of the price relating to the undisputed products.

5) CONDITIONS OF PAYMENT

- 5.1. The place of payment is always agreed to be the registered office of EL.MO., even if payment is agreed by draft, cash order or other automatic debits. Unless otherwise agreed in writing, payments shall be in cash upon delivery of the goods. For the first delivery, payment by "cash on delivery" is mandatory.
- 5.2. In any case, on any delayed payment, arrears interest shall be due to EL.MO. to the extent of the official discount rate, increased by three points, in force at the time payment was due, without prejudice to any other right of EL.MO.
- 5.3. Payment of the price on the agreed due dates may not be suspended or delayed by the Buyer for any reason whatsoever. The Buyer may not raise objections in order to avoid or delay the payment due. Any claims in relation to the supply shall be asserted in separate proceedings.
- 5.4. In the event of termination of the contract for reasons attributable to the Buyer, the instalments of the price already collected shall remain acquired by EL.MO. as compensation, without prejudice to any other claim for greater damages and expenses.
- 5.5. Insolvency on the part of the buyer shall authorise EL.MO. to change the terms of payment agreed without prior notice, in addition to immediate suspension of supplies in progress until the outstanding payments are settled.

6) APPLICATION OF ACCELERATION CLAUSE

- 6.1. Failure to pay even only one instalment of the price shall lead to application of acceleration the clause the forfeiture for the Buyer.

7) CHARACTERISTIC CONSTRUCTION DATA

- 7.1. The technical data, even if contained in the catalogues, is always provided as an indication and is not binding. EL.MO. reserves the right to make any changes in the construction of its products at any time without the Buyer being able to raise any objections of any kind.
- 7.2. EL.MO. is not obliged to make any changes to products already manufactured. Any discrepancies between the data provided and the characteristics of the goods sold shall not involve any liability for EL.MO. and the Buyer shall not have the right to revoke the order or request

termination of the contract, reduce the price or claim damages for such discrepancies.

- 7.3. In accordance with the law, EL.MO. reserves all rights on all technical drawings or documents, which may not be copied, reproduced or communicated to third parties without written permission.

8) THIRD PARTY LIABILITY

- 8.1. By issuing the order, the buyer accepts liability for compliance with legal and safety regulations relating to the use of the products supplied.
- 8.2. Under no circumstances, except in cases of proven wilful misconduct or gross negligence, can EL.MO. be held liable, even indirectly, for lack of or inadequate functioning of the products and/or consequential damages.
- 8.3. While guaranteeing the "integrity" of its product, EL.MO. shall not in any case be liable for any disputes between the end user and intermediate commercial units.
- 8.4. The items offered and/or indicated in the various commercial documents (price lists, catalogues, website, portal, etc.) are intended specifically for the use for which they have been certified, which is indicated in the technical documentation available for each product. Any other use is not authorised and in this case the functionality of the product itself is not guaranteed.
- 8.5. EL.MO. is not in any case responsible for the compatibility of the solutions proposed with other systems, with which its products must interact and/or cooperate. Verification of compatibility is the exclusive responsibility of the installer based on the technical specifications of the products. Nevertheless, for those requiring them, EL.MO. can provide external technical support services at the conditions indicated in the chapter "EXTERNAL SUPPORT SERVICES".
- 8.6. The products use components for which the original manufacturer expresses a percentage defect rate which, however small, nevertheless affects the functionality of the equipment. The buyer is therefore requested to take all precautions in terms of control procedures and system implementation in order to identify any product inefficiencies in a timely manner. The buyer is invited to adapt the level of performance provided by the system with the actual risk situation (assessing, inter alia, the possibility that the system may be operating in degraded mode due to faults or other situations arising from atmospheric agents, electrical discharges from the electricity or telephone network, electrical faults, material defects).
- 8.7. The design, installation and maintenance of systems using the products included in the price lists are reserved for personnel in possession of the requirements and knowledge necessary to ensure their operation.
- 8.8. EL.MO. shall not responsible for design errors made by third parties, including installers, even if such errors may be the result of indications provided by product sales personnel.
- 8.9. The products must be installed in compliance with current accident prevention legislation. The internal parts of certain equipment are connected to the power grid and therefore there is a risk of electrocution when maintenance work is performed inside without first disconnecting the primary power supply. Certain products include batteries, rechargeable or otherwise, as an emergency backup power supply. If connected incorrectly, they may cause damage to the product or property and may endanger the operator (explosion and fire).
- 8.10. The sale of EL.MO. products on-line is possible only after written communication from the company for each item requested. The sale of EL.MO. products on-line is possible ONLY and EXCLUSIVELY in the reserved area, accessible only to registered users. EL.MO. price lists, on the other hand, can be public and therefore accessible to every web user. Buyers who, having expressly communicated their intention to EL.MO., advertise the product for e-commerce resale, are solely responsible for the correct information concerning the product characteristics, its usability only by professional users and the limits of validity of the warranty, also in terms of warranty period, as described in the following paragraph. In advertising the products, also online, should the buyer fail to inform third parties of the contents of these "general conditions of sale", regarding "construction data, characteristics", "third party liability" and "product warranty", EL.MO. shall be exempt from any liability whatsoever for damages directly and indirectly related to the sale concluded.
- 8.11. The buyer also undertakes to acquire from the third party, possibly its purchaser, consent with regard to these "general conditions of sale", duly binding the latter to the same provisions. The buyer expressly

declares, moreover, to exonerate EL.MO. from any liability for direct and indirect damages caused to the buyer itself and/or to third parties deriving from the delayed delivery of the material and execution of the system using these components, from the lack of and incorrect functioning of the systems implemented and for the non-availability of the same, for the entire period necessary for the repair and/or replacement of the components.

- 8.12. EL.MO. shall not be required to pay indemnification or compensation for damages, of any kind, caused to persons, property or anything else, which may occur during the use of products supplied. Moreover, EL.MO. shall not accept any liability for damage caused by these products if they are installed in premises that have subsequently become unsuitable due to changes made by the buyer and/or user.

9) PRODUCT WARRANTY

- 9.1. EL.MO. provides 30 months (60 months where indicated) warranty on its products for defects of components provided that the equipment, upon inspection, does not show signs of tampering or burns and/or other malfunctions, due to incorrect connections and/or overvoltage discharges. Warranty is provided, for the entire period indicated above, only on products whose installation is carried out within 6 months of the date of production shown on each product. The period of 30 months is calculated from the date of production.
- 9.2. The warranty is provided exclusively on EL.MO. premises.
- 9.3. All materials sent for repair to EL.MO., even if during the warranty period, shall be sent carriage paid. For materials repaired out of warranty, return to the customer will take place exclusively carriage forward. Material repaired during the warranty period will be returned with the first delivery possible. Only in the event of agreed urgency shall the return take place be carriage paid.
- 9.4. The products shall be shipped in their original packaging or in other packaging suitable to protect the products from damage during transport.
- 9.5. Returns are not be accepted unless authorised in advance. The return transport document must contain the details of the sales transport document and invoice. The amount of the credit may be reduced by any costs incurred in collecting or rechecking and re-testing the equipment. The credit note will be reversed at a later date or paid by direct remittance upon written notice from EL.MO. In any case, there must be no situations of insolvency on the part of the customer due to undue deductions or in any case not agreed upon. For further details on the RMA process, please refer to Regulation RMAUff.mkt12.04.18.
- 9.6. On the products sold, EL.MO. provides a warranty period of 12 months (Cat. Z in column G), 18 months (Cat. W in column G) or 24 months (Cat. Y in column G). Any replacement or return of products sold or extension of the warranty period shall be authorised according to that provided by the manufacturer.
- 9.7. Products or components subject to deterioration and wear and tear such as rechargeable and non-rechargeable batteries, video recorder heads, print heads, sensitive elements of gas detectors, electric motors and mechanical parts (mentioned herein by way of example only) are excluded from the warranty.
- 9.8. Any return of goods shall be expressly authorised by EL.MO. and shall take place in strict accordance with EL.MO.'s return procedure. In the event of unauthorised returns, the material will be automatically returned to the sender.

10) SOFTWARE AND FIRMWARE PRODUCT WARRANTY

- 10.1. Software and firmware products, hereinafter referred to as PRODUCTS, outside of the limited warranty described below, are provided "as is" in all their components (including the user instructions), without warranty of any kind. Moreover, EL.MO. does not guarantee the use of the PRODUCTS and the result of the use of the PRODUCTS in terms of correctness, accuracy or reliability; the risk of results and product performance is entirely borne by the CUSTOMER.
- 10.2. EL.MO. guarantees replacement of the media containing the software due to defects in materials and workmanship for 60 days from delivery. Defective media will be replaced without charge within this period.
- 10.3. Due to the complexity of the nature of the PRODUCTS, EL.MO. does not warrant that the same will be completely error free, that they will operate without interruption and that they will be compatible with all equipment or configurations of the said PRODUCTS. Customers are invited to check the work performed by the PRODUCTS and expressly accept the risk of use in the event of applications in which an error on their part may result in damage and/or injury to people, property and business activity.

- 10.4. EL.MO. expressly disclaims all other express or implied warranties on software and firmware, including the warranty of fitness for a particular purpose.

- 10.5. Under no circumstances, unless there is evidence of malicious or grossly negligent conduct by EL.MO., its agents, resellers, distributors and employees, shall EL.MO. be liable for any direct, indirect or incidental damages arising out of the use, misuse or inability to use the products, even if EL.MO. has been notified of the possibility of such events and, specifically but without limitation, in the case of loss of profits, loss of use, loss of equipment and data materials and/or costs relating to the repair, insurance or replacement thereof, as well as claims from third parties. In any case, the liability of EL.MO. or its distributors shall be limited to the price paid by the customer for the user license of the PRODUCTS.

- 10.6. Any other warranties expressed in writing or verbally by EL.MO. agents, distributors or employees shall under no circumstances extend the terms of these conditions, nor may the CUSTOMER rely on written communications of this kind.

- 10.7. The PRODUCTS might be supplied with a user license agreement, the signing of which guarantees the customer the right to use any update and improvement of the product at the conditions established from time to time by EL.MO.

11) REPAIRS

- 11.1. In order to improve and streamline the technical support service, we would like to propose to our Customers the repair of the material sold and manufactured by us with the charge of an amount which is highlighted below. The customer's discount will be applied to the amounts shown below.
- 11.2. For marketed-only products, repair at a fixed cost is guaranteed unless spare parts are no longer available. For products manufactured by us, fixed cost repair is guaranteed for products with manufactured no more than 8 years ago. For products more than 8 years old, we offer the possibility of replacement with updated products of the same model or with an alternative model of more recent construction.
- 11.3. Only upon specific request, and provided that the item is repairable, repair is possible at the rate indicated in the "Repair costs table" increased by 10% when the product is within 10 years of the production date, by 20% when the product is within 12 years and by 30% when the product exceeds 12 years from the production date.
- 11.4. Please note that the repair portal is available to customers that allows the status of materials sent to EL.MO. for repair at the EL.MO. ST laboratory to be consulted. To use the service, it is necessary to register on the website elmospa.com with the corporate account of the person who is in charge of the repairs in the customer's organisation and request activation of the service to marketing@elmospa.com.

12) REPAIR CONDITIONS

- 12.1. The repair of products in column RC in the price list will be carried out with invoicing of the corresponding amount only if the material meets the following conditions:
- 1) the product must not have been tampered with in any way;
 - 2) the board must be complete in all its parts (terminal board, connector, etc.);
 - 3) the defect found by the installer must be attached;
 - 4) if the material does not meet the conditions listed, the repair will be carried out with a 40% increase in the cost table below;
 - 5) if the material under warranty does not meet the conditions of points 1), 2) and 3), the warranty will automatically expire and the corresponding repair costs will be charged according to the table below.

Repair cost table

B	C	D	E	F	W
€ 19.00	€ 29.00	€ 38.00	€ 50.00	€ 65.00	€ 100.00
H	I	L	M	N	O
€ 160.00	€ 270.00	€ 320.00	€ 450.00	€ 520.00	€ 610.00
P	Q	R	S	X	
€ 700.00	€ 860.00	€ 980.00	€ 1180.00	*	

* Subject to quotation

- 12.2. A service for updating the Firmware of the Embedded DVRs, Video servers and IP/MEGAPIXEL cameras is available; in case of need contact EL.MO. technical support for further information.

- 12.3. For the Firmware updating activity, the rate corresponding to the letter "G" will be applied.

13) HELP DESK SERVICES

- 13.1. EL.MO. provides its installers with a team capable of providing an after-sales service of the same quality as that guaranteed with regard to its own products. The Help Desk telephone number is 0499200426, available from Monday to Friday from 8.30 am to 12.30 pm and from 2 pm to 6 pm.
- 13.2. If the line is busy, an automatic responder notifies the priority position reached (example: position 3, position 2); staying on hold allows the caller not to lose the priority acquired: if the wait exceeds 15 minutes the automatic responder informs the caller that the support request will be reported to the operators with the details of the person making the request for a subsequent contact by the competent operators. If the call is terminated before the 15 mins, the operators will not receive any automatic notification of the contact request. Conciseness and clarity in formulating questions will be essential to reduce the length of the communication, thereby improving the service quality and availability.
- 13.3. During periods of prolonged closure, EL.MO. provides customers with a technical support service, the procedures of which will be communicated through newsletters, news on the elmospa.com website and communications on the company's social channels.
- 13.4. The Help Desk service can also be reached via text message if the direct telephone line 049-9200426 is busy. The text message service is available on (+39)3460127401 from Monday to Friday from 8.30 am to 12.30 pm and from 2 pm to 6 pm. Text messages sent outside these hours will not be managed. Text messages must contain a maximum of 160 characters, the full name of the person making the request and the subject of the request. If the support request is straightforward and limited in scope, it can be managed through a simple reply to the message, otherwise the relevant personnel will provide a telephone contact.
- 13.5. All support requests received both by telephone and by text message are processed within the same day of the request after a period of time that varies in relation to the amount of requests in progress.
- 13.6. For support requests that do not require immediate contact with the operator and for non-urgent requests for further information/explanation, the Help Desk service can be contacted by writing to assistenza. tecnica@elmospa.com and indicating the company name/full name of the person making the request and a detailed description of the request itself; the sender will immediately receive notification of receipt of the email. The Help Desk service will respond to the support request received via email within a maximum of 3 working days.

14) EXTERNAL SUPPORT SERVICES

- 14.1. EL.MO. provides its customers with technical support personnel for conducting inspections and functionality checks. The service provision procedure must be agreed with the head office according to the availability of EL.MO. technical personnel. The hourly costs, excluding travel expenses, are as follows:

15) SPECIALISED TECHNICAL PERSONNEL

For each working hour, including return journeys, on working days from Monday to Friday with a maximum of 8 hours	€ 40.00
For each hour worked on Mondays to Fridays from 6.30 am to 8.30 am and from 6 pm to 10.30 pm	€ 50.00
For each hour worked on Mondays to Fridays from 10.30 pm to 6.30 am	€ 60.00
For each hour worked on Saturdays and/or public holidays from 6.30 am to 10.30 pm	€ 75.00
For each hour worked on Saturdays and/or public holidays from 10.30 pm to 6.30 am	€ 100.00

Software specialist

For services provided by a technician in this category, all rates indicated will be increased by 30%.

Fractional hour charge

All fractions of an hour of less than 30 minutes will be rounded up to the next half hour.

Travel expenses

All travel expenses will be charged at cost.

16) CONSULTANCY AND DESIGN

- 16.1. Security systems increasingly involve the simultaneous presence of intrusion and fire detection, CCTV, access control, technological system management and alarm centralisation systems.
- 16.2. EL.MO. provides a consultancy and design support service to installers, technical firms and industry operators for the development of

feasibility studies, offers and projects; in the event that the problems that the security operator needs to address require more specific and detailed knowledge, EL.MO. is able to provide services against payment.

- 16.3. The systems design department can provide all the necessary details on costs and service availability.

17) FORCE MAJEURE AND HARDSHIP CLAUSE

- 17.1. In partial waiver and/or integration to the provisions of Articles 1463 et seq. and 1467 et seq. of the Italian Civil Code, in the event that, during the performance of this contract, circumstances arise that are not attributable to the Parties and that make it impossible for EL.MO. to precisely fulfil its contractual obligations or the fulfilment of such obligations excessively burdensome (including, by way of example but not limited to, cases in which the onset of an epidemic, the occurrence of a major disaster, the outbreak of a serious local and/or world conflict and the like have prevented the delivery of the goods sold or have delayed it due to the slowdown of cross-border trade, the reduction of production by subcontractors and consequent supplies, increases in production costs and/or prices of components used to develop the goods sold, the impossibility of finding components on the market for the manufacture of the goods sold or of procuring them in good time, etc.) the relationship is governed by the following clauses. In the case in point, EL.MO. cannot in any way be considered liable for its breach deriving from such incapacitating event, in accordance with Articles 1218 and 1256 of the Italian Civil Code.
- 17.2. In the event that the performance of EL.MO. has become definitively and totally impossible due to the contingencies contemplated in the previous clause, as an express waiver of Art. 1463 of the Italian Civil Code, this contract shall remain in force between the Parties and the buyer, that bears the risk, shall in any case be obliged to fulfil its own obligations.
- 17.3. In the event that the performance of EL.MO. has become partially and/or temporarily impossible due to the contingencies contemplated in the above clause 17.1, EL.MO. shall inform the counterparty in writing of the reasons for the delay, without the buyer, as an express waiver of Art. 1464 of the Italian Civil Code, being able to suspend the performance of its own obligations or terminate this contract. In this case, should the buyer wish to claim that this had led to it no longer being interested in obtaining the services and that it intends to terminate the contract, it may not take legal action to obtain such termination, but may only ask EL.MO. to initiate negotiations aimed at renegotiating the original relationship, affected by the contingencies, which shall be conducted in accordance with the principle of good faith pursuant to Articles 1175 and 1375 of the Italian Civil Code. After the ninetieth (90th) day from the request for renegotiation without the Parties having reached an agreement, the contract shall remain in force in its original formulation. It is understood that before the expiry of the term of ninety days from the renegotiation request, the buyer may not apply to the competent Judicial Authorities to compulsorily renegotiate or terminate the contract.
- 17.4. If, as a result of the contingencies referred to in clause 17.1 above, the performance of EL.MO. has become excessively burdensome compared to that of the buyer, EL.MO. shall notify the buyer and may suspend its performance without this being deemed a material breach of its obligations. In this case, if the excessive burden is related to an unforeseen increase in the costs of production and/or purchase of the components of its products, the price of the goods sold shall automatically be increased in proportion to the increase in costs that has occurred. In all other cases in which the performance of EL.MO. has become excessively burdensome compared to that of the buyer, the Parties undertake to initiate negotiations in order to fairly modify the conditions of sale, pursuant to Art. 146(3) of the Italian Civil Code, carrying out the same in compliance with the principle of fairness and good faith pursuant to Articles 1175 and 1375 of the Italian Civil Code. After the ninetieth (90th) day from the request for renegotiation without the Parties having reached an agreement, EL.MO. shall have the right to withdraw from this contract.

18) CASE HISTORIES

- 18.1. The Buyer is aware of the possibility that EL.MO., in the context of the creation of different collections of references (hereinafter also referred to as case histories) aimed at promoting its activity and the most important works implemented with the products sold by EL.MO., has the need to obtain, from the most well-known, prestigious and authoritative users where the EL.MO. branded security systems are installed - directly or through the intermediation of the Customer - (hereinafter

also referred to as "Premium Customers"), the related authorisation to publish the data identifying the facility (such as: the name of the installation site; the location of the installation site; the trademark/logo representing the user where the systems have been installed), the system installed (such as information illustrating the security solutions adopted to customise the system in accordance with the needs of the Premium Customer) and some images illustrating the location and the security system, closely related to the system installed. Therefore, in accordance with that already contemplated by the above clause 1.2, the Buyer expressly declares to accept that the issue by the latter of the purchase order (hereinafter also referred to as "Order"), in accordance with the offer made by EL.MO, implies acceptance of these Conditions and the simultaneous and express waiver of its own conditions, also where these may be mentioned in the contractual documentation and/or in the Order and/or in the invoices, as well as, consequentially, provision of informed consent of the Premium Customer to the publication of the case histories in compliance with the procedures contemplated in this clause.

- 18.2. EL.MO. points out that, within the scope of the case histories, it will not disclose any technical data that may allow the public to identify the location of the security devices installed at the Premium Customer's sites or that may affect, even potentially, their correct functioning.
- 18.3. EL.MO. warrants that such data and images will not be subject to any modification and/or alteration whatsoever – with the exception of data and images that are contrary to the provisions of clause 18.2 above. - and will be published on elmospa.com, globalpro.elmospa.com and on the Facebook, LinkedIn and YouTube social channels of EL.MO. Spa. As a result, the data referred to in clause 18.1 above will be visible to anyone accessing the aforementioned websites or social channels and may be viewed by CUSTOMERS - PROSPECTS - USERS OF VARIOUS KINDS.
- 18.4. In the event that the Premium Customer has, in turn, purchased the security system from the Buyer, the Buyer, also in accordance with Art. 1381 of the Italian Civil Code, undertakes to obtain the consent of the Premium Customer to publication of the case histories and to promptly notify EL.MO. of any refusal to publish the case histories, even if such refusal is expressed subsequently by the Premium Customer. Should the Buyer fail to fulfil its obligations under this clause, the Buyer shall be required to compensate EL.MO. for any damages incurred as a result of such failure, and shall indemnify EL.MO. for any negative consequences of such breach.
- 18.5. In any case, before proceeding with publication of the case histories, EL.MO. shall be responsible for submitting any documents to the Premium Customer, sending them to the address indicated from time to time by the Buyer and/or by the Premium Customer itself, in order to allow the latter, if necessary, to prevent publication.
- 18.6. In any case, consent to publication of the case histories shall be considered to have been provided the Premium Customer should fifteen (15) working days elapse from the sending of the document, contemplated to the above clause 18.5, without EL.MO. having received refusal of the related publication, expressed by the Premium Customer by sending a written communication to the following e-mail address: marketing@elmospa.com.
- 18.7. EL.MO. also declares that publication of the case histories will be carried out with all the safeguards provided for by the provisions of the new General Data Protection Regulation EU 2016/679 (GDPR) and that EL.MO. itself, as data controller, hereby expressly undertakes, pursuant to Art. 1381 of the Italian Civil Code, to also require all its employees or those who collaborate with it to comply with current legislation regarding the protection of personal data (since data and images could be processed by external personnel for the layout or the uploading of the same). With reference to the regulation, external personnel have been appointed as data processors, pursuant to and for the purposes of Article 28 of the GDPR, and are aware of current legislation. The processing of the data collected will also be carried out in automated and/or manual form, in compliance with the provisions of Article 32 of GDPR 2016/679. In accordance with the principles of lawfulness, limitation of purpose and data minimisation, pursuant to Article 5 of GDPR 2016/679, data and images will remain uploaded on the website and retained for a period of 10 years.
- 18.8. In any case, the Premium Customer has the right at any time to:
 - obtain confirmation of the existence or otherwise of same such data and, if so, to know its content and origin;
 - verify its accuracy and request the correction of inaccurate data;
 - integration of incomplete data or the updating of outdated data;

- obtain restriction of processing, where one of the cases provided for in Article 18 of the GDPR applies;
- request deletion of data processed in violation of the law, or in the presence of one of the other conditions provided for in Article 17, (1) (a), (b), (c), (e) and (f) of the GDPR;
- object in any case, for legitimate reasons, to its procession;
- object to processing in the other cases provided for in Article 21(2), (3) and (22) of the GDPR;
- withdraw its freely provided consent to the processing of personal data at any time for one or more specific purposes, without prejudice to the lawfulness of the processing based on the consent provided before withdrawal;
- obtain the personal data being processed in a format compatible with standard computer applications, in order to permit its transfer to other platforms of preference of the Premium Customer itself, without hindering direct transmission of the data processed to another Data Controller, where such direct transmission is technically feasible [so-called right to data portability].

Requests relating to the exercise of the aforementioned rights connected to the General Data Protection Regulation should be addressed to the Data Controller: EL.MO. Spa Via Pontarola 70 Reschigliano di Campodarsego 35011, Padua, Italy by sending an email to privacy@elmospa.com.

19) DEROGATING OR SUPPLEMENTARY AGREEMENTS

- 19.1. Any derogating or complementary agreement to these general conditions of sale shall be agreed in writing pursuant to and for the purposes of Art. 1352 of the Italian Civil Code.

20) SETTLEMENT OF DISPUTES

- 20.1. Any dispute arising from or in any way connected with this contract shall be resolved through the mediation procedure provided for by Legislative Decree 28/2010. - "Implementation of Article 60 of Law no. 69 of 18 June 2009 on mediation for the settlement of civil and commercial disputes" - administered and governed according to the regulations of the Padua Chamber of Mediation, a body of the Padua Chamber of Commerce, Industry and Crafts.
- 20.2. If the mediation procedure pursuant to clause 17.1 above is not concluded with a positive outcome, all disputes arising from or in any way connected with this contract shall be referred to the exclusive jurisdiction of the Court of Padua.

Alphabetical index

Code	Product code	Description	RC	W	Availability notes	Page
2ER14505	RWBAT0001000	7.2V/2.4Ah lithium battery for CONDOR, GRIFOX series, STRIXO series, TRIAL series	.	.	-	86
2ER14505M	RWBAT0000800	7.2V/2.4Ah lithium battery for VISIO2K	.	.	-	86
AL/AA	SRACCC0000100	300 mA auxiliary power supply unit for SA100, SA100CR, SA97, SA/91 and SA/89 sirens	.	30	-	77
AL12AURA2K	GAALI0101300	DC12V power supply unit for AURA2K keypads	.	30	-	19, 80
AL2SW24	GIALIO200500	Power supply unit with AC230V / 2A input and 29 Vdc / 2A output	C	30	-	80
AL3RSM	GAALIO200900	13.6 Vdc switching power supply unit with universal mains socket and metal case. Equipped with RS-485 ULTRABUS serial interface for connection over bus, with up to 20 settable addresses	E	30	-	80
AL5.0	GAALIO101200	13.8 Vdc / 5 A power supply unit (open version)	D	30	-	80
AN-AS	BIACNAC00800	Sensor against leap over, for AN and BEL barriers columns	.	Z	-	60
AN-C1	BIACNCC00100	Cylindrical column (1 m height) with tamper protection against opening, superior and inferior caps and guides for accessories/barriers installation	.	Z	upon request	59
AN-C1,5	BIACNCC00200	Cylindrical column (1.5 m height) with tamper protection against opening, superior and inferior caps and guides for accessories/barriers installation	.	Z	upon request	59
AN-C2	BIACNCC00300	Cylindrical column (2 m height) with tamper protection against opening, superior and inferior caps and guides for accessories/barriers installation	.	Z	-	59
AN-C2,5	BIACNCC00400	Cylindrical column (2.5 m height) with tamper protection against opening, superior and inferior caps and guides for accessories/barriers installation	.	Z	upon request	59
AN-C3	BIACNCC00500	Cylindrical column (3 m height) with tamper protection against opening, superior and inferior caps and guides for accessories/barriers installation	.	Z	upon request	59
AN-CB	BIACNAC00400	Bracket for ground installation of the columns for the AN and BEL barriers. Screws to be fixed in concrete	.	Z	-	60
AN-CR	BIACNAC00300	Circuit kit with heating element and thermostat. It prevents the creation of mist inside the column that could cause damage to the optic range of installed barriers	.	Z	-	60
AN-CS	BIACNAC00500	Bracket for wall mounting of the columns for the AN and BEL linear detectors	.	Z	-	60
AN-PL	BIACNAC00200	Lamp holder cap for AN and BEL series columns (lamp holder and lamp not included)	.	Z	-	60
ANCP2	BIACNAC00900	Two-bracket kit for IRB barriers mounting inside columns. Fixing screws supplied (install a kit for each barrier)	.	Z	-	60
ANGSGX	RCACCSX00300	Optional bracket for corner mounting for GRIFOX and STRIXO detectors	.	30	-	54
ANIMA	OCTAS0102400	Capacitive control keypad	F	30	-	18
ANIMAB	OCTAS0102500	White ANIMA keypad	F	30	-	18
ANIMABOX	OCACCKA00100	Accessory for flush mount of ANIMA keypad. Black colour	.	30	-	19
ANIMABOX10	OCACCKA00200	Kit 10 pcs. ANIMABOX	.	30	-	19
ANIMABOXB	OCACCKA00300	Accessory for flush mount of ANIMA keypad. White colour	.	30	-	19
ANIMABOXB10	OCACCKA00500	Kit 10 pcs. ANIMABOXB	.	30	-	19
ANT4G	ACMDCCA00500	Standard antenna with vertical connector for MD4GE module	.	Z	-	33
ANT4G90	ACMDCCA00600	Antenna with 90° connector for MD4GE module	.	Z	-	33
ANT4GEXA15	A1MDCCA00600	Antenna for MD4GE with 15 m cable. It can be installed 15 m far from control unit when used with the supplied antenna for a better coverage	.	Z	-	33
ANT4GEXA2	A1MDCCA00500	Antenna for MD4GE with 2 m cable. It can be installed 2 m far from control unit when used with the supplied antenna for a better coverage	.	Z	-	33
AR3P	PPCMACV00300	A-R3P Surface-mount magnetic contact (10 pcs.)	.	Z	1-piece price	62
AT22K	AWMDIAA00300	NG-TRX radio actuator. Particularly suitable for interfacing NG-TRX control units to rolling shutter control automation systems	D	30	-	35
AT42K	AWMDIAA00200	NG-TRX wireless actuator with 4 outputs	E	30	-	35
ATLANTE2K	OWTELO101200	Two-way NG-TRX remote control	E	30	-	25
ATLANTE4	OWTELO100200	4-channel black FM remote control	D	30	-	26
ATLANTE4B	OWTELO100800	ATLANTE4 remote control in white case	D	30	upon request	26
ATLANTE4PLUS	OWTELO100400	6-channel black FM remote control	E	30	-	25
ATLANTE4PLUSB	OWTELO100900	ATLANTE4PLUS remote control in white case	E	30	upon request	25
ATLANTEMULTI2K	OWTELO101800	Multi-system two-way NG-TRX remote control	E	30	-	25
AURA	OCTAS0103800	OLED control keypad	F	30	-	18
AURA2K	OCTAS0100500	OLED keypad with NG-TRX wireless interface	F	30	-	19
AV01AL	PGPMG0100100	Indoor optical-acoustic indicator	X	Z	-	77
AX-MULTIDRX2	SISIC0000200	Software application with key for interfacing new EL.MO. control units to centralisation and/ or Home Management systems (multiple license)	.	.	-	85
B0.812G	BTBAT0100700	0.8 Ah / 12 V AGM e-Vision battery for HERCOLA units	.	Z	-	87
B1.2/6	BTBAT0001700	1.2Ah - 6V battery	.	Z	-	86
B1.212G	BTBAT0100100	1.2 Ah / 12 V AGM e-Vision battery	.	Z	-	87
B1812G	BTBAT0100300	18 Ah / 12 V AGM e-Vision battery	.	Z	-	87
B1ENTERPRISEC	SISBR0000400	1 BrowserOne Enterprise Client License	.	.	-	84
B1ENTERPRISES	SISBR0000300	1 BrowserOne Enterprise Server license + 1 Client License to be used on the same PC	.	.	-	84
B1ENTERPRISESC	SISBR0000500	1 B1ENTERPRISES License + 1 B1ENTERPRISEC License	.	.	-	84
B2.212G	BTBAT0100600	2.2 Ah / 12 V AGM e-Vision battery	.	Z	-	87
B2612I	BTBAT0002800	26 Ah / 12 V battery	.	Z	-	87
B40/12	BTBAT0000700	40Ah / 12V battery	.	Z	upon request	87
B412G	BTBAT0100800	4 Ah / 12 V AGM e-Vision battery for PREGIO500 units	.	Z	-	87
B6LR61	RWBAT0000100	Alkaline 9V battery for LUPUS4, LUPUS4M, VOLANS4, VOLANS4M, RPSIR, RPPLUS, TV/HE, TV/LY, VELA, VELAPLUS, DRACO, DRACO G2, PEGASUS	.	.	-	86
B6LR61L	RWBAT0000200	Long-life Lithium 9V/1.2Ah battery for LUPUS4, LUPUS4M, VOLANS4, VOLANS4M, RPSIR, RPPLUS, TV/HE, TV/LY, VELA, VELAPLUS, DRACO, DRACO G2, PEGASUS	.	.	-	86
B712G	BTBAT0100200	7 Ah / 12 V AGM e-Vision battery	.	Z	-	87
BLADE	RCRDTMP09900	Wall-mount dual technology detector with curtain coverage, 4 m range	D	30	-	48
BLADE2K	RWRIRMP03100	Wireless NG-TRX IR detector with curtain coverage, contact and rolling shutter zones, 4 m range	D	30	-	42
BLADEC	RCRDTMP10100	Dual technology detector for central installation with curtain coverage, 3 m range	D	30	-	48
BLADEM	RCRDTMP10000	BLADE detector in brown case	D	30	-	48
BLADEM2K	RWRIRMP03200	BLADE2K detector in brown case	D	30	-	42
BLADERF	RWRIRMP03400	Wireless IR detector for horizontal or vertical installation between the windows/doors and shutters/blinds	D	30	-	42
BLADERFM	RWRIRMP03700	BLADERF detector in brown case	D	30	-	43
BLSH3360	SWBAT0000100	Lithium 7.2/14.5Ah battery for HYDRA4, GAIA	.	.	-	86
C/484I	PPPPAPU00200	484-I - Anti-robbery push button with reset key, alarm status LED indicator. Self-protected against opening. Double-sided mounting tape	.	Z	-	63

Note: the products highlighted in orange are certified IMQ.

Code	Product code	Description	RC	W	Availability notes	Page
C/CO	PPCMACI00400	A-CO Large-size flush-mount magnetic contact for security doors, safes and the like, with standard bulb and electro-insulated contacts (10 pcs.)	.	Z	1-piece price	61
C/PG	PPCMACP00100	A-SC4 Surface-mount magnetic contact standard and up-and-over doors	.	Z	-	62
C/PO	PPCMACV00700	A-C3 power surface-mount magnetic contact	.	Z	-	62
C/POV	PPCMACV00800	A-C3P power surface-mount glass fiber magnetic contact	.	Z	-	62
C10	GAACC0200100	Case for power supply unit (AL/2.5) and battery (up to 12 V / 17 Ah) equipped with control LEDs	B	30	-	81
C10RS	GAGRA0001500	13.8Vdc / 3A supervised power supply unit with RS-485 ULTRABUS interface	C	30	-	81
C10SW	GAGRA0001200	Power supply group for detectors to be used in addition to the control unit power supply unit.	C	30	-	81
C11	GAACC0200200	Case for power supply unit (AL/2.5 or AL/3,5) and battery (up to 12 V / 26 Ah) equipped with control LEDs	B	30	-	81
C11RS	GAGRA0001600	Supervised power supply unit with RS-485 ULTRABUS interface and galvanic insulation	D	30	-	81
C15K	GAGRA0001700	13.8 Vdc / 5A power supply group	D	30	-	81
CA/SI	PPRINSC00100	Analysis circuit used to interface intrusion detection control units with lines of inertial or roll-up shutter sensors	B	30	-	64
CENTAURO	RCRIRMP00100	Passive infrared sensor	B	30	-	49
CFT20	PPRINAV00800	Wire contact for roll-up shutters, gates and blinds, with ABS plastic body and microswitch with NC contact operation. Terminal board connection	.	.	-	64
CIBOX	AWMDP0000200	Accessory plastic cover for IBOX. Fixing screws supplied	.	30	-	6
CIBOX10	K1KBP0000200	10-pc kit CIBOX	.	30	-	6
CM2	PPCMACV02600	Surface-mount magnetic contact, white plastic case (10 pcs.)	.	Z	1-piece price	61
CM2M	PPCMACV02700	Surface-mount magnetic contact, brown plastic case (10 pcs.)	.	Z	1-piece price	61
CONDOR	RWRDTMP04700	Wireless dual technology detector, 12 m range	E	30	-	41
CONDOR2K	RWRDTMP04900	Wireless NG-TRX dual technology detector, 12 m range	E	30	-	41
CP8/REL	CSACR0000300	Board for connection of 8 UNIREL auxiliary relays. Supplied with connection cable and fixing clip	.	30	-	30
CP8/SER2	CICSS0000100	Cable for direct control unit programming. Software application required (not included)	.	30	-	85
CR123A	RWBAT0001200	3 V battery for SMR2K and SMCOR2K	.	.	-	86
CR2032	OWBAT0100100	Lithium 3V/210mAh battery for ATLANTE, M4LED, VEGA2K and TYROS series	.	.	-	86
CRIVER2	R2CRT0000500	Metal housing equipped with switches for protection against opening and removal for installation of concentrators	.	30	-	27
CSBATT	ACCIV0000100	Battery disconnection circuit. It prevents maximum discharge conditions of backup batteries mounted on DC12V equipment	B	30	-	36
CUPSGX	RCACCSX00700	Optional sunshield for GRIFOX and STRIXO detectors	.	30	-	54
DRACOG2	RWRRIO000200	Wireless temperature detector with base. Requires an EL.MO. intrusion detection control unit equipped with wireless interface	F	30	-	56
DSTITANIAPLUS	ACDST0000100	Accessory for TITANIAPLUS wall mount ensuring the cable passage on the unit case back side	W	30	-	17
DT1000	RCRDTMP04600	Dual technology detector, 12 m range	C	30	-	47
DT1000	RCRDTMP04700	DT1000 detector with 9.9 GHz frequency	C	30	-	47
DT1000P	RCRDTMP04800	Dual technology detector with Pet Immunity function, 12 m max range	C	30	-	47
DT1000P	RCRDTMP05000	DT1000P detector with 9.9 GHz frequency	C	30	-	47
DT2000	RCRDTMP06900	Dual technology detector, max 15 m range	D	60	-	47
DT2000	RCRDTMP07000	DT2000 detector with 9.9 GHz frequency	D	60	-	47
DT2000485	RCRDTMP05300	ULTRABUS dual technology detector, max 15 m range	E	30	-	51
DT2000485	RCRDTMP05400	DT2000485 detector with 9.9 GHz differentiated frequency	E	30	-	51
DT4000	RCRDTMP06700	Dual technology detector with wide range of functions, 15 m range	D	60	-	46
DT4000	RCRDTMP06800	DT4000 detector with 9.9 GHz frequency	D	60	-	47
DT93	RCRDTMP11500	Long range dual technology detector (23 m)	D	30	-	47
DT93	RCRDTMP11700	DT93 detector with 23 m range with 10.587 GHz frequency	D	30	-	47
DT93	RCRDTMP11900	DT93 detector with 27 m range	D	30	-	47
DT93	RCRDTMP12000	DT93 detector with 27 m range with 10.587 GHz frequency	D	30	-	47
DT93485	RCRDTMP11600	ULTRABUS long range dual technology detector (23 m)	D	30	-	52
DT93485	RCRDTMP11800	DT93485 detector with 9.9 GHz differentiated frequency	D	30	-	52
EL/2000	SRINT0000100	DC12V piezo siren in plastic case	B	30	-	76
EL/6F	SRINT0000200	DC12V piezo siren in plastic case with high LED lighting	B	30	-	76
EL/7	SRINT0000300	Piezo siren in ABS plastic case (6 pcs.)	B	30	1-piece price	77
EL/7A	SRINT0000400	Piezo siren in ABS plastic case with self powering circuit (6 pcs.)	B	30	1-piece price	77
EL503	SRINT0000600	Recessed-mount sounder for 503-series box	B	30	-	76
EL503B	SRINT0000700	White EL503 sounder	B	30	-	77
ELISEO2K	OWTEL0101500	Round two-way NG-TRX remote control with unlock button	E	30	-	24
ELISEOMULTI2K	OWTEL0101700	Multi-system round two-way NG-TRX remote control with unlock button	E	30	-	25
ELMOGWAY	ACMDIMP00100	Gateway allowing data communication between EL.MO. intrusion detection units and automation systems based on MODBUS, KNX and SCS protocols	X	Y	-	34
ELMOGWAY2	ACMDIMP00200	Small-sized gateway allowing data communication between EL.MO. intrusion detection units and automation systems based on MODBUS, KNX and SCS protocols	X	Y	-	34
ER14250	RWBAT0001100	3.6V/1.2Ah Lithium battery for RCALGRF, LUPUS series, VOLANS series, LUPUSC series, VOLANSC series, BLADE series, SCORPIO series and MDTEMP (5 pcs.)	.	.	-	86
ETRBUSCNV	ACMDIIS00200	Serial bus converter from CP80, CP90, CP100, ET8/48xx to ETR, Villeggio, NET serial bus	F	30	-	35
ETREIB	ACMDIKX00100	Interface allowing data communication between compatible EL.MO. units and automation systems based on EIB standard	W	30	-	34
ETR GSM	ACMDCCG01000	Dual Band GSM optional module. GSMAC series antenna required	F	30	-	32
ETRREL	CSACR0000200	8-relay output multiple module	D	30	-	30
ETRREL4	CSACR0000100	4-relay output multiple module	C	30	-	30
ETRTRAI	ACMDIII00100	Serial concentrator to be used with intrusion detection control units connected on serial lines to connect analogue addressable detectors	F	30	-	36
ETRVARCO	ACMDIIA00100	Optional access control module that can be connected to control units bus to manage passages through doors	W	30	-	37
ETRZENITH	OCPC0100100	Key point for remote control of control units. Black color	D	30	-	20
ETRZENITHB	OCPC0100200	ETRZENITH key point in white case	D	30	-	20
FAR	ACCIV0001600	Double-T Filter for interferences suppression on AC230V power lines	B	30	-	36, 80
FL/B	SRLMP0000100	DC12V flashing beacon with xenon lamp	B	30	-	77
FLY	RCRDTMS03300	Wired ceiling-mount detector, 8 m range for installation at 4 m	D	30	-	48
FLY	RCRDTMS03400	FLY detector with 9.9 GHz frequency	D	30	-	48
FLY2K	RWRDTMS00700	NG-TRX ceiling mount detector, 8 m range for installation at 4 m	D	30	-	42
FLY2K	RWRDTMS00800	FLY2K detector with 9.9 GHz frequency	D	30	-	42
FLY485	RCRDTMS03700	ULTRABUS ceiling-mount detector, 8 m range for installation at 4 m	D	30	-	52

Note: the products highlighted in orange are certified IMQ.

Alphabetical index

Code	Product code	Description	RC	W	Availability notes	Page
FLY485	RCRDTMS03800	FLY485 detector with 9.9 GHz frequency	D	30	-	52
FLY8	RCRDTMS03500	Wired ceiling-mount detector, 8 m range for installation at 8 m	D	30	-	48
FLY8	RCRDTMS03600	FLY8 detector with 9.9 GHz frequency	D	30	-	48
FLY82K	RWRDTMS00900	NG-TRX ceiling mount detector, 8 m range for installation at 8 m	D	30	-	42
FLY82K	RWRDTMS01000	FLY82K detector with 9.9 GHz frequency	D	30	-	42
FLY8485	RCRDTMS03900	ULTRABUS ceiling-mount detector, 8 m range for installation at 8 m	D	30	-	52
FLY8485	RCRDTMS04000	FLY8485 detector with 9.9 GHz frequency	D	30	-	52
GAIA2K	SWEST0001000	Wireless NG-TRX outdoor two-way siren	F	30	-	73
GAIA4	SWEST0000100	Wireless outdoor siren	F	30	-	73
GATEWAY2K	A1MDING00400	Gateway for NG-TRX systems to receive and transmit signals/commands to and from all the NG-TRX wireless devices	F	30	-	35
GM168	GMSWS0400100	16 in / 8 out generic LAN interface with CEI-ABI protocol. It allows to interface intrusion detection and fire detection control units, DVR and NVR of third parties or existing devices through GLOBALPRO via LAN network	D	30	-	84
GPCM	GMSWS0300200	Loading video maps onto supervision software (travel expenses not included)	.	.	-	84
GPCP	GMSWS0300300	Loading and configuring a point onto supervision software (travel expenses not included)	.	.	-	84
GPDWG	GMSWS0300100	Creation of a video map transforming existing DWG files into WMF (preferred) or other formats (not recommended), to be performed in our headquarters	.	.	-	83
GPMGSSW	GMSWS0300700	Daily service (8 hours) charge for software specialist (travel expenses excluded)	.	.	-	84
GPMGTS	GMSWS0300600	Daily service (8 hours) charge for system start up carried out by qualified personnel (travel expenses excluded)	.	.	-	84
GPMOSSW	GMSWS0300500	Hourly service charge for software specialist (travel expenses excluded)	.	.	-	84
GPMOTS	GMSWS0300400	Hourly service charge for system start up carried out by qualified personnel (travel expenses excluded)	.	.	-	84
GPRO1	GMPRO0100100	GLOBALPRO supervision software license, unlimited management for intrusion detection and fire detection alarm points and cameras, 1 site, unlimited client	.	.	-	82
GPRO1SMA	GMPROSM00100	SMA for GPRO1	.	.	-	83
GPRO2	GMPRO0100200	GLOBALPRO supervision software license, management up to 1,000 alarm points of which 64 video points (up to 64 cameras), 1 site, unlimited clients	.	.	-	82
GPRO2SMA	GMPROSM00200	SMA for GPRO2	.	.	-	83
GPRO3	GMPRO0100300	GLOBALPRO supervision software license, management up to 500 alarm points of which 24 video points (up to 24 cameras), 1 site, unlimited clients	.	.	-	82
GPRO3SMA	GMPROSM00300	SMA for GPRO3	.	.	-	83
GPRO4	GMPRO0100400	GLOBALPRO supervision software license, management up to 100 alarm points of which 4 video points (up to 4 cameras), 1 site, 1 client. Not expandable	.	.	-	82
GPRO4SMA	GMPROSM00400	SMA for GPRO4	.	.	-	83
GPROFIRE	GMPRO0100800	GLOBALPRO supervision software license for fire detection systems that are based on FX and TACORA control units. It manages up to 512 fire alarm points, 1 site, 1 client. Not expandable	.	.	-	82
GPROFIRESMA	GMPROSM00800	SMA for GPROFIRE	.	.	-	83
GPROINTRUSION	GMPRO0100700	GLOBALPRO supervision software license only for intrusion detection systems that are based on ETR, PROXIMA and TITANIA control units. It manages up to 512 intrusion detection alarm points, 1 site, 1 client. Not expandable	.	.	-	82
GPROINTRUSIONSMA	GMPROSM00700	SMA for GPROINTRUSION	.	.	-	83
GPROLP1	GMPRO0100600	GLOBALPRO supervision software license for 100 additional alarm points of which 10 video points (for GPRO2 and GPRO3)	.	.	-	82
GPROLP1SMA	GMPROSM00600	SMA for GPROLP1	.	.	-	83
GPROLS1	GMPRO0100500	GLOBALPRO supervision software license for 1 additional site (GPRO1, GPRO2 and GPRO3 only)	.	.	-	82
GPROLS1SMA	GMPROSM00500	SMA for GPROLS1	.	.	-	83
GPRONTF	GMPRO0101200	GLOBALPRO supervision additional software license for management of fire detection control units that support fire CEI-ABI protocol for 1 site	.	.	-	82
GPRONTF SMA	GMPROSM00900	SMA for GPRONTF	.	.	-	83
GPROTCON24D	GMPRO0101300	GLOBALPRO supervision software license option to manage 1 ONVIF camera directly connected (0-24 cameras range)	.	.	-	82
GPROTCON24DSMA	GMPROSM01000	SMA for GPROTCON24D	.	.	-	83
GPROTCON24N	GMPRO0101600	GLOBALPRO supervision software license option to manage 1 ONVIF camera connected to a PRO/SMART DVR (0-24 cameras range)	.	.	-	82
GPROTCON24NSMA	GMPROSM01300	SMA for GPROTCON24N	.	.	-	83
GPROTCON64D	GMPRO0101400	GLOBALPRO supervision software license option to manage 1 ONVIF camera directly connected (25-64 cameras range)	.	.	-	82
GPROTCON64DSMA	GMPROSM01100	SMA for GPROTCON64D	.	.	-	83
GPROTCON64N	GMPRO0101700	GLOBALPRO supervision software license option to manage 1 ONVIF camera connected to a PRO/SMART DVR (25-64 cameras range)	.	.	-	82
GPROTCON64NSMA	GMPROSM01400	SMA for GPROTCON64N	.	.	-	83
GPROTCONXD	GMPRO0101500	GLOBALPRO supervision software license option to manage 1 ONVIF camera directly connected (unlimited cameras)	.	.	-	82
GPROTCONXDSMA	GMPROSM01200	SMA for GPROTCONXD	.	.	-	83
GPROTCONXN	GMPRO0101800	GLOBALPRO supervision software license option to manage 1 ONVIF camera connected to a PRO/SMART DVR (unlimited cameras)	.	.	-	83
GPROTCONXNSMA	GMPROSM01500	SMA for GPROTCONXN	.	.	-	83
GRIFO2K	RWRDTMP04000	Wireless NG-TRX dual technology IP55 outdoor detector, 7 m range	E	30	-	43
GRIFOX	RCRDTMP08300	Wired dual technology IP55 outdoor detector, 7 m range	E	30	-	50
GRIFOX485	RCRDTMP08400	ULTRABUS dual technology IP55 outdoor detector, 7 m range	E	30	-	53
GRIFOXRF	RWRDTMP01400	Wireless dual technology IP55 outdoor detector, 8 m range	E	30	-	44
GSMAC	ACMDCCA00100	Standard antenna with vertical connector for ETRGSM module	.	Z	-	32
GSMAC90	ACMDCCA00200	Antenna with 90° connector for ETRGSM module (only on ETR48M and ETR100M units), NET5GSM (only on NET Series units) and MDGSME (only on PREGIO Series units and ECONTROLRX)	.	Z	-	32
GSMESSENGER	CTGSM0200200	GSM telephone dialler with built-in dual band GSM module	H	30	-	78
GSMEXA15	A1MDCCA00800	Optional antenna for MDGSME, ETRGSM, INT9200, NET832, NET9, PREGIO, PROXIMA supplied with 15 m cable. It can be installed 15 m far from control unit or GSM interface when used with the supplied antenna for a better coverage	.	Z	-	32, 78
GSMEXA2	A1MDCCA00700	Optional antenna for MDGSME, ETRGSM, INT9200, NET832, NET9, PREGIO, PROXIMA supplied with 2 m cable. It can be installed 2 m far from control unit or GSM interface when used with the supplied antenna for a better coverage	.	Z	-	32, 78
HERCOLA (One)	CWHRCC000500	Wireless intrusion detection control unit with 32 wireless zones with built-in One line GSM module and Wi-Fi predisposition	W	30	-	8
HYDRA4	SWEST0000200	Supervised wireless siren	F	30	-	73

Note: the products highlighted in orange are certified IMQ.

Code	Product code	Description	RC	W	Availability notes	Page
I66	OCINS0100100	Reader for M4 or M4LED proximity keys. Black color	B	30	-	21
I66B	OCINS0100200	I66 reader in white case	B	30	-	21
I66G	OCINS0100300	I66 reader in grey case	B	30	-	21
I66S	OCINS0100400	I66 reader in black tropicalised case	B	30	-	21
I6INT	OCACCPLO0200	LIVING INTERNATIONAL adapter. Dark grey	.	30	-	22
I6INTB	OCACCPLO0300	LIVING INTERNATIONAL adapter. White	.	30	-	22
I8	OCINS0100600	RS-485 ULTRABUS reader for M4 or M4LED proximity keys. Black color	C	30	-	20
I8B	OCINS0100700	I8 reader in white case	C	30	-	21
I8G	OCINS0100800	I8 reader in grey case	C	30	-	21
I8GWCH	OCACCPLO2000	GEWISS CHORUS adapter. Black	.	30	-	22
I8GWCHB	OCACCPLO2100	GEWISS CHORUS adapter. Gloss white	.	30	-	23
I8GWPB	OCACCPLO0900	GEWISS PLAYBUS adapter. Dark grey	.	30	-	22
I8LEV	OCACCPLO1400	BTICINO LEGRAND VELA adapter. Dark grey	.	30	-	23
I8LEVB	OCACCPLO1500	BTICINO LEGRAND VELA adapter. White	.	30	-	23
I8S	OCINS0100900	I8 reader in black tropicalised case	C	30	-	21
I8TAXO	OCACCPLO1200	BTICINO AXOLUTE adapter. Dark grey	.	30	-	23
I8TAXOB	OCACCPLO1900	BTICINO AXOLUTE adapter. White	.	30	-	23
I8TAXOG	OCACCPLO1300	BTICINO AXOLUTE adapter. Grey/silver (no metallic)	.	30	-	23
I8TLGH	OCACCPLO0600	BTICINO LIGHT adapter. Dark grey	.	30	-	23
I8TLGHB	OCACCPLO0700	BTICINO LIGHT adapter. White	.	30	-	23
I8TLGHG	OCACCPLO0800	BTICINO LIGHT TECH adapter. Grey/silver (no metallic)	.	30	-	23
I8TMGC	OCACCPLO0100	BTICINO MAGIC TT and MATIX adapter. Dark grey	.	30	-	23
I8TMGCB	OCACCPLO1600	BTICINO MAGIC TT and MATIX adapter. White	.	30	-	23
I8VIMEX	OCACCPLO1000	VIMAR EIKON adapter. Dark grey	.	30	-	22
I8VIMEXB	OCACCPLO1800	VIMAR EIKON adapter. White	.	30	-	22
I8VIMEXG	OCACCPLO1100	VIMAR EIKON adapter. Grey/silver (no metallic)	.	30	-	22
I8VIMP	OCACCPLO0400	VIMAR PLANA adapter. Dark grey	.	30	-	22
I8VIMPB	OCACCPLO0500	VIMAR PLANA adapter. White	.	30	-	22
I8VIMPG	OCACCPLO1700	VIMAR PLANA adapter. Silver grey	.	30	-	22
I9	OCINS0102700	Universal addressed proximity key reader for M4 or M4LED keys compatible with Keystone adapters	C	30	-	20
IBOX	AWMDP0000100	Accessory for flush-mount installation of VILLEGGIO control units on to standard walls (optional)	.	30	-	6
IBOX10	K1KBP0000100	10-pc kit IBOX	.	30	-	6
ICON100AVR	COICO0000300	Single-door Access Control Panel, (1 reader IN / 1 reader OUT). PassManager and STANDARD software required	X	Z	-	37
ILUX	A1MPL0000100	Flush-mount light point for emergency lighting. It can be wired to the power line of EL.MO. control units. SKILUX board required	C	30	-	22
IMPACTOR	PPRINMU00400	Miniaturized piezoelectric impact sensor for sudden impact detection. Suitable for installation on steel, brick, wood, concrete, glass surfaces. Protected against opening	.	Z	-	64
IP10	LCIPA0000200	Indoor/outdoor EM 125 kHz proximity reader	X	Z	-	39
IPC80P	TTIPA0000100	Passive proximity reading card (EM 125kHz), reading distance up to 10 cm. Surface customizable upon request	.	Z	-	39
IPC80P25	TTIPA0000200	Standard proximity reading card (EM 125 kHz), 25 pcs.	.	Z	-	39
IPC80P50	TTIPA0000300	Standard proximity reading card (EM 125 kHz), 50 pcs.	.	Z	-	40
IPCONTACT	ACMDCL01400	Contact-ID IP interface module for EL.MO. intrusion detection control units. It allows to convert Contact-ID data received via PSTN and transmit them over IP (using the same protocol)	.	Z	upon request	85
IPK101	LCIPA0000100	Indoor EM 125 kHz proximity reader with backlit 12-key keypad for typing passwords and PINs	X	Z	upon request	39
IPK50	TTIPA0000700	Passive proximity tag (EM 125 kHz), up to 5 cm reading distance	.	Z	-	40
IPK5025	TTIPA0001000	Passive proximity tag (EM 125 kHz), 25 pcs.	.	Z	-	40
IPK5050	TTIPA0001100	Passive proximity tag (EM 125 kHz), 50 pcs.	.	Z	-	40
IPTAG	TTIPA0001200	Adhesive passive proximity tag (EM 125 kHz)	.	Z	-	40
IPTAG25	TTIPA0001300	Adhesive passive proximity tag (EM 125 kHz), 25 pcs.	.	Z	-	40
IPTAG50	TTIPA0001400	Adhesive passive proximity tag (EM 125 kHz), 50 pcs.	.	Z	-	40
IR8000	RCRIRM00100	Miniaturized passive IR detector for recessed mounting in BTICINO MAGIC 503 boxes. Dark grey colour	B	30	-	49
IR8000B	RCRIRM00200	White IR8000 detector	B	30	-	49
IR8GWCH	RCACCPLO1000	GEWISS adapter, CHORUS series, black	.	30	-	49
IR8GWCHB	RCACCPLO1100	GEWISS adapter, CHORUS series, glossy white	.	30	-	49
IR8GWPB	RCACCPLO0500	GEWISS PLAYBUS adapter, dark grey	.	30	-	49
IR8LEV	RCACCPLO0300	LEGRAND VELA adapter, dark grey	.	30	-	49
IR8LEVB	RCACCPLO0400	LEGRAND VELA adapter, white	.	30	-	49
IR8TLGH	RCACCPLO0600	BTICINO adapter, LIVING INTERNATIONAL series, dark grey	.	30	-	49
IR8TLGHB	RCACCPLO0700	BTICINO adapter, LIGHT series, white	.	30	-	49
IR8TLGHG	RCACCPLO0800	BTICINO adapter, LIGHT series, silver grey	.	30	-	49
IR8VIMEX	RCACCPLO0200	VIMAR EIKON adapter, dark grey	.	30	-	49
IR8VIMP	RCACCPLO0900	VIMAR PLANA adapter, dark grey	.	30	-	49
IR8VIMPB	RCACCPLO0100	VIMAR PLANA adapter, white	.	30	-	49
IRB150F4	BIIRB0000800	4-beam IR linear detector	X	Y	-	58
IRB250F4	BIIRB0000600	4-beam IR linear detector	X	Y	-	58
IRB60F2	BIIRB0000700	Dual beam IR detector	X	Y	-	58
ISC80P	TTMFR0001300	Passive MIFARE (RF 13.56 MHz) proximity reading card	.	Z	new	38
ISC80P25	TTMFR0001400	Passive MIFARE (RF 13.56 MHz) proximity reading card, 25 pcs.	.	Z	new	38
ISC80P50	TTMFR0001500	Passive MIFARE (RF 13.56 MHz) proximity reading card, 50 pcs.	.	Z	new	38
ISK50	TTMFR0000700	Passive MIFARE proximity tag (RF 13.56 MHz)	.	Z	-	38
ISK5025	TTMFR0000800	Passive MIFARE proximity tag (RF 13.56 MHz), 25 pcs.	.	Z	-	38
ISK5050	TTMFR0000900	Passive MIFARE proximity tag (RF 13.56 MHz), 50 pcs.	.	Z	-	38
IZENITH	OCPCO100300	4-sector proximity reader to partition and control an intrusion detection system	D	30	-	20
IZENITHB	OCPCO100400	IZENITH reader in white case	D	30	-	20
K101	PPCMACE00500	UTKCH01-91 - Triple-balanced magnetic contact for surface mounting	.	60	-	62
K102	PPCMACE00600	UTKCH02-91 - Double-balanced magnetic contact for surface mounting	.	60	-	62
K103	PPCMACE00900	UTKCH21-91 - Triple-balanced magnetic contact for surface mounting. Protected against removal (both for the contact and the magnet)	.	60	-	62
K104	PPCMACP00400	UTKCB01 - Surface-mountable long-range magnetic contact for standard and up-and-over doors	.	Z	-	62

Note: the products highlighted in orange are certified IMQ.

Alphabetical index

Code	Product code	Description	RC	W	Availability notes	Page
K105	PPCMACP01400	Surface-mount magnetic contact (10 pcs.)	.	Z	1-piece price	63
K105M	PPCMACP01500	Surface-mount magnetic contact, brown colour (10 pcs.)	.	Z	1-piece price	63
K107	PPCMACV01600	UTKCS02-91 - Long-range surface-mount magnetic contact (2 pcs.)	.	Z	1-piece price	63
K107S	PPCMACV01700	UTKC5025 - Long-range surface-mount magnetic contact with NO/NC relay (2 pcs.)	.	Z	1-piece price	63
K108	PPCMACV01800	UTKCS03-91 - Long-range surface-mount magnetic contact (2 pcs.)	.	Z	1-piece price	63
K109	PPCMACI01100	UTKCI03-91 - Long-range magnetic contact for security doors (5 pcs.)	.	Z	1-piece price	61
K110	PPCMACV02300	UTKCHS47PM - Long-range surface-mount magnetic contact with magnetic protection function	.	Z	-	63
K111	PPCMACI01400	Flush-mount magnetic contact with inertial sensor (2 pcs.)	.	Z	1-piece price	61
KARMA	OCTAS0103900	7" touch screen control keypad	F	30	-	18
KITGSMESAD	CTGSM0200400	Kit including a GSM/PSTN phone dialler with 4 inputs GSMESSENGER (CTGSM0200200) and 1 adapter for dual band phone dialler GSMEXA15 ADANTTRH (CTACC0000600)	H	30	-	78
KITTRHAD	CTCGP0100900	Kit including a GSM/PSTN phone dialler with 4/8 inputs TRHCOMBI (CTCGP0100500) and 1 adapter for dual band phone dialler GSMEXA15 ADANTTRH (CTACC0000600)	H	30	-	78
KSAS1013	RWACC0000100	Kit for protection against removal for wireless detectors, 13-cm cable length, for LUPUS2K, VOLANS2K, LUPUSC2K, VOLANSC2K, VIRGO2K, BLADE2K, STRIXO series (RWRDTMP02900, RCRDTMP06300, RCRDTMP06400 with or without bracket; RCRDTMP08100, RCRDTMP08200 with bracket), GRIFO series (RWRDTMP04000, RCRDTMP06500, RCRDTMP06600 with or without bracket; RCRDTMP08300, RCRDTMP08400 with bracket)	.	Z	-	55
KSAS1032	RWACC0000200	Kit for protection against removal for wireless detectors, 32-cm cable length, for STRIXO series (with 3D swivel mount), GRIFO series (with 3D swivel mount), TRIAL series (with provided bracket)	.	Z	-	55
KSAS1055	RWACC0000300	Kit for protection against removal for wireless detectors, 55-cm cable length, for TRIAL series (with 3D swivel mount)	.	Z	-	55
LCB/50	A1DST0000200	50-pc adhesive bases box	.	Z	-	36
LEDA	SREST0002400	Outdoor wired siren with LED flasher, system state LED, 2 horns. White colour. Patent: application no. VE2013A000035	D	30	-	75
LEDA485	SREST0002600	Outdoor RS-485 ULTRABUS siren with LED flasher, system state LED, 2 horns. White colour. Patent: application no. VE2013A000035	D	30	-	74
LEDA485VOX	SREST0006900	White outdoor RS-485 ULTRABUS siren with voice synthesis, LED flasher, system state LED, 2 horns. White color. Patent no. 0001418739	D	30	-	73
LEDA485VOXK	SREST0006000	Kit composed of LEDA485VOX SREST00034#00 and board MDPROGLV SRACC00008#00	D	30	upon request	74
LEDABE	SREST0004400	LEDA siren in metal beige case	D	30	-	75
LEDABE485	SREST0004500	LEDA485 siren in metal beige case	D	30	-	74
LEDABE485VOX	SREST0004600	LEDA485VOX siren in metal beige case	D	30	-	74
LEDABR	SREST0004700	LEDA siren in metal bronze case	D	30	-	75
LEDABR485	SREST0004800	LEDA485 siren in metal bronze case	D	30	-	74
LEDABR485VOX	SREST0004900	LEDA485VOX siren in metal bronze case	D	30	-	74
LK-IR2V2	BILKI0000100	2-beam IR linear detector for indoor/outdoor use, 520 mm height	D	30	-	59
LK-IR2V2M	BILKI0000700	Higher LK-IR2V2 linear detector (up to 1115 mm)	D	30	upon request	59
LK-IR4V2	BILKI0000300	4-beam IR linear detector for indoor/outdoor use, 1120 mm height	D	30	-	58
LK-IR4V2M	BILKI0000800	Higher LK-IR4V2M linear detector (up to 1530 mm)	D	30	upon request	59
LK-IR6V2	BILKI0000400	6-beam IR linear detector for indoor/outdoor use, 1535 mm height	D	30	-	58
LK-IR6V2M	BILKI0000900	Higher LK-IR6V2M linear detector (up to 1970 mm)	D	30	upon request	58
LK-IR8V2	BILKI0000500	8-beam IR linear detector for indoor/outdoor use, 1975 mm height	D	30	-	58
LK-IR8V2M	BILKI0001000	Higher LK-IR8V2M linear detector (up to 3055 mm)	D	30	upon request	58
LK50/4	BILKI0000200	4-beam IR linear detector for indoor/outdoor use, 520 mm height	D	30	-	59
LK50/4M	BILKI0000600	Higher LK50/4 linear detector (up to 1115 mm)	D	30	upon request	59
LKB	BIACNSN00100	Swivel mounts for LK-IR barriers for mounting at an angle of 15°: 2 swivel mounts for barrier base with internal cable feeding, 2 barrier profile swivel mounts	.	Z	-	60
LKP	BIACNSN00200	Swivel mounts for LK-IR barriers for mounting at an angle of 15°: 4 barrier profile swivel mounts	D	30	-	60
LUPUS	RWRCM0013700	Perimeter wireless transmitter with 2 zones for external contact and rolling shutter	E	30	-	67
LUPUS2K	RWRCM0014800	Perimeter wireless NG-TRX transmitter with 2 zones for external contact and rolling shutter	E	30	-	65
LUPUSC	RWRCM0012900	Perimeter wireless compact transmitter with 2 zones for external contact and rolling shutter	E	30	-	68
LUPUSC2K	RWRCM0014400	Perimeter wireless NG-TRX compact transmitter with 2 zones for external contact and rolling shutter	E	30	-	66
LUPUSCM	RWRCM0013300	LUPUSC transmitter in brown case	E	30	-	68
LUPUSCM2K	RWRCM0014500	LUPUSC2K transmitter in brown case	E	30	-	66
LUPUSM	RWRCM0014100	LUPUS transmitter in brown case	E	30	-	67
LUPUSM2K	RWRCM0014900	LUPUS2K transmitter in brown case	E	30	-	66
M4	OCACCC00300	Black proximity key	.	30	-	23
M4-1	OCACCC00400	Green proximity key	.	30	-	23
M4-2	OCACCC00500	Yellow proximity key	.	30	-	24
M4-3	OCACCC00600	Red proximity key	.	30	-	24
M4-4	OCACCC00700	Aquamarine proximity key	.	30	-	24
M4-5	OCACCC00800	Brown proximity key	.	30	-	24
M4-6	OCACCC00900	Blue proximity key	.	30	-	24
M4-7LED	OCACCC01800	Orange proximity key equipped with white LED	.	30	-	23
M4LED	OCACCC01700	Black proximity key equipped with white LED	.	30	-	23
MAV/12	ACCIV0000700	DC12V power supply distribution module with 12 fuse-protected outputs	.	30	-	36
MAV/6	ACCIV0000800	DC12V power supply distribution module with 6 fuse-protected outputs	.	30	-	36
MAV8100	ACCIV0001800	DC12V power supply distribution module with 1 input and 8 outputs (100 mA each)	.	30	-	36
MD/AS	SRACC0000600	Anti-foaming module for outdoor sirens to be mounted on the siren	B	30	-	77
MD4GE (One)	AWMDCCG02200	One line 4G module with connector to connect an external antenna. Antenna kits required (not supplied)	W	30	-	33
MD4GE90 (One)	ACMDCCG01600	Kit including One line LTE MD4GE module and 90° ANT4G90 antenna	W	30	-	33
MD4GI (One)	AWMDCCG02100	One line 4G module with built-in antenna	W	30	-	33
MDANT1	AWMDCCA00100	GPS antenna for MDGPSE GPS module. Magnetic base	.	Z	-	34
MDANT2	AWMDCCA00200	GPS + GSM antenna that can be connected to MDGPSE GPS module and MDGSME GSM module. To be mounted on metal support with a 19 mm diameter hole	.	Z	-	34
MDARM	OCMIN0100100	Arm/disarm module for RS-485 serial line, to be used with a proximity card reader	D	30	-	21
MDGPSE	AWMDCCS00200	Module allowing VILLEGGIO control units installed in campers or boats to assess their position using the GPS network. MDGSMI or MDGSME modules required for the transmission of the position	D	30	-	34
MDGSME	AWMDCCG00800	GSM/GPRS dual-band module equipped with connector for connection of an external antenna to connect to the GSM mobile network. Antenna kit required (not supplied)	F	30	-	32

Note: the products highlighted in orange are certified IMQ.

Code	Product code	Description	RC	W	Availability notes	Page
MDGSME (One)	AWMDCCG01900	ONE line GSM/GPRS dual-band module equipped with connector for connection of an external antenna to connect to the GSM mobile network. Antenna kit required (not supplied)	F	30	-	32
MDGSME90	ACMDCCG01300	Kit including a GSM/GPRS MDGSME module and one GSMAC90 external antenna with 90° connector for installation inside PREGIO and PROXIMA series units enclosed in a metal case	F	30	-	32
MDGSME90 (One)	ACMDCCG01500	Kit including a ONE line GSM/GPRS MDGSME module and one GSMAC90 external antenna with 90° connector for installation inside PREGIO and PROXIMA series units enclosed in a metal case	F	30	-	32
MDGSMI	AWMDCCG00700	GSM/GPRS module equipped with antenna to connect to the GSM mobile network	F	30	-	31
MDGSMI (One)	AWMDCCG01800	ONE line GSM/GPRS module equipped with antenna to connect to the GSM mobile network	F	30	-	31
MDLAN	AWMDCCLO0100	Ethernet module providing a 10Mbit Ethernet connection	W	30	-	31
MDNTP	AWMDCCG00300	Module providing a virtual telephone line connection on the GSM network for connecting traditional telephone devices. MDGSME module required	C	30	-	33
MDPOWER	AWMDAAL00100	Supervised power supply module for VILLEGGIO control unit AC230V powering. Connector to wire a Pack1 or Pack2 battery pack. Output to recharge an external self-powered siren	C	30	-	80
MDPOWER24	AWMDAAL00200	Power supply module for VILLEGGIO control unit DC24V powering. To be used when the control unit is installed in campers or boats equipped with DC24V electrical systems. Required to replace MDPOWER and battery pack	C	30	-	80
MDPSTN	AWMDCCV00100	Module for connection to an analogue phone line	C	30	-	33
MDRS232	ACMDIIS00600	Board for RS232 interfacing for connection to ETREIB Konnex module	B	30	-	35
MDTEMP	RWRTA0000200	Remote wireless temperature sensor	C	30	-	36
MDVOICE	ACMDCCV00700	Voice interface optional module for voice and remote interrogation transmissions	D	30	-	31
MDVOICE64	ACMDCCV00600	Digital voice synthesis plug-in module	D	30	-	31
MDWIFI	AWMDCCW00700	Wi-Fi module for interfacing to e-Connect	E	30	-	31
MDWIFIH	AWMDCCW00800	Wi-Fi module for interfacing to e-Connect	E	30	-	31
MIDAS	OCTAS0100300	Control keypad	E	30	-	19
MIDASKIT10	KSKTC0000200	Kit 10 pcs. MIDAS keypads	.	30	-	20
MLIR8L	RCACCLF00100	FRESNEL lens for long-range IR8000 sensor	.	30	-	50
MLIR8PP	RCACCLF00200	FRESNEL lens for vertical-curtain IR8000 sensor	.	30	-	50
MLIR8TO	RCACCLF00300	FRESNEL lens for horizontal-curtain IR8000 sensor	.	30	-	50
NCBAG1000	SNACC0201600	1000 ml spare bag for NEBUCLEAN1500	.	Z	upon request	72
NCBAG4000	SNACC0201700	4000 ml spare bag for NEBUCLEAN4000	.	Z	upon request	72
NCBAG500	SNACC0201400	500 ml spare bag for NEBUCLEAN200 and NEBUCLEAN300	.	Z	-	72
NCBAG750	SNACC0201500	750 ml spare bag for NEBUCLEAN400 and NEBUCLEAN500	.	Z	upon request	72
NCPRG7	SNACC0100700	7 cm nozzle extension for NEBUCLEAN1500 and NEBUCLEAN4000	.	Z	upon request	72
NCSP1000	SNACC0201900	1000 ml cleaning bag for NEBUCLEAN1500/4000	.	Z	upon request	72
NEBUCLEAN1500	SNNEB0101100	Sanitizing stand-alone system with 1500 cu. m ambient saturation capacity, with NCBAG1000 bag	X	Z	upon request	71
NEBUCLEAN200	SNNEB0100700	Sanitizing stand-alone system with 200 cu. m ambient saturation capacity, with NCBAG500 bag	X	Z	-	71
NEBUCLEAN300	SNNEB0100800	Sanitizing stand-alone system with 300 cu. m ambient saturation capacity, with NCBAG500 bag	X	Z	-	71
NEBUCLEAN400	SNNEB0100900	Sanitizing stand-alone system with 400 mc ambient saturation capacity, with NCBAG750 bag	X	Z	upon request	71
NEBUCLEAN4000	SNNEB0101200	Sanitizing stand-alone system with 4000 cu. m ambient saturation capacity, with NCBAG4000 bag	X	Y	upon request	72
NEBUCLEAN500	SNNEB0101000	Sanitizing stand-alone system with 500 cu. m ambient saturation capacity, with NCBAG750 bag	X	Z	upon request	71
NEBULA12	SNNEB0001400	Fog system kit. It includes 1 NEBULA12 (SNNEB0001300) fog system with RS-485 ULTRABUS interface and 2 × DC12V 1.3 Ah batteries	X	Y	-	69
NEBULA24	SNNEB0001500	Fog system kit. It includes 1 NEBULA24 (SNNEB0001100) fog system with RS-485 ULTRABUS interface and 2 × DC12V 1.3 Ah batteries	X	Y	-	69
NIRVA	OCTAS0100100	Control keypad	F	30	-	18
NIRVAKIT10	KSKTC0000100	Kit 10 pcs. NIRVA keypads	.	30	-	19
OPM5000	SNOPM0000100	Ozone generator for room sanitation	X	Y	-	72
PACK1	AWBAT0000100	Standard battery pack, 2-4 years life to be connected to MDPOWER module for VILLEGGIO control units	.	Z	-	86
PACK2	AWBAT0000200	Standard battery pack, 6-8 years life equipped with cable and non-reversible connector, to be connected to MDPOWER module for VILLEGGIO control units	.	Y	-	86
PASSCT01	COEPA0000200	DIN rail PASSCONTROLLER controller for 1 gate, expandable up to 32, powered via PoE	H	30	soon available	37
PASSCT02	COEPA0000300	DIN rail PASSCONTROLLER controller for 1 gate, expandable up to 32	W	30	soon available	37
PASSGATE	COEPA0000100	Single-door access control passive interface module (1 reader IN / 1 reader OUT)	E	30	new	37
PASSLIGHT	ACIND0000100	Additional system status indicator	D	30	-	22
PREGIO1000	CCPRG0200100	Hybrid wired/wireless control unit with 48 zones in metal case	W	30	-	10
PREGIO1000BM	CCPRG0200300	PREGIO1000 control unit in bigger metal case	W	30	-	10
PREGIO1000PL	CCPRG0200500	Hybrid wired/wireless control unit with 48 zones in plastic case	W	30	-	10
PREGIO2000	CCPRG0100200	Hybrid wired/wireless control unit with 104 zones in metal case	W	30	-	9
PREGIO2000PL	CCPRG0100300	Hybrid wired/wireless control unit with 104 zones in plastic case	W	30	-	9
PREGIO500	CCPRG0300200	Hybrid wired/wireless control unit with 24 zones in plastic case	F	30	-	11
PREGIO500PL	CCPRG0300400	Hybrid wired/wireless control unit with 24 zones in bigger plastic case	F	30	-	11
PROXI	OCCHE0000300	Programmable multi-level proximity terminal key controller	D	30	-	26
PRX1024	CCPRX0001000	Hybrid wired/wireless control unit with 1024 zones with integrated LAN interface and 2 independent RS-485 serial lines	H	30	-	13
PRX128	CCPRX0000700	Hybrid wired/wireless control unit with 128 zones with integrated LAN interface and 2 independent RS-485 serial lines	H	30	-	14
PRX128M	CCPRX0000800	PRX128 control unit in bigger case	H	30	-	14
PRX256	CCPRX0000900	Hybrid wired/wireless control unit with 256 zones with integrated LAN interface and 2 independent RS-485 serial lines	H	30	-	13
PRXRACK	ACRAC0000100	Pair of 19" brackets for PRX1024, PRX256, PRX128M rack mounting	W	30	-	14
R1	LCIPA0000600	e-Pass line indoor/outdoor EM 125 kHz proximity reader	X	Z	-	39
R1K	LCIPA0000700	e-Pass line indoor/outdoor EM 125 kHz proximity reader with backlit 12-key keypad for typing passwords and PINs	X	Z	-	39
R1S	LCIPA0000800	e-Pass line indoor EM 125 kHz proximity reader	X	Z	-	39
R2	LCMIX0000100	e-Pass line indoor/outdoor MIFARE 13.56 MHz proximity reader	X	Z	-	37
R24H/AA	ACCIV0000900	1-modular line repeater circuit. It can be used to signal the disqualification of IRB linear detectors to the control unit.	.	30	-	36, 60
R24H/RP	ACCIV0001000	Power relay circuit for 24h alarm output	.	30	-	36
R2K	LCMIX0000200	e-Pass line indoor/outdoor MIFARE 13.56 MHz proximity reader with backlit 12-key keypad for typing passwords and PINs	X	Z	-	38
RCALG	RCRAA0000100	Flood detector with relay alarm output	D	30	-	57
RCALGRF	RWRAL0000300	Wireless flood detector	D	30	-	57
RCCH4	RCRRGMP00100	Electrochemical cell METHANE gas detector	D	30	-	56

Note: the products highlighted in orange are certified IMQ.

Alphabetical index

Code	Product code	Description	RC	W	Availability notes	Page
RCCO	RCRRGMP00300	Electrochemical cell CO gas (Carbon Monoxide) detector	D	30	-	57
RCGPL	RCRRGMP00200	Electrochemical cell LPG gas detector	D	30	-	57
RDESKEM	LCDSK0000100	Desk EM 125 kHz proximity reader with USB interface	X	Z	-	39
RDESKMF	LCDSK0000300	Desk MIFARE 13.56 MHz proximity reader with USB interface	X	Z	-	38
RFCH4	RWRRG0000100	Wired/wireless METHANE gas detector for civilian use	D	30	-	56
RFCO	RWRRG0000300	Wired/wireless CO gas detector for civilian use	D	30	-	56
RFGPL	RWRRG0000200	Wired/wireless LPG gas detector for civilian use	D	30	-	56
RFICR	LCMFR0000400	Indoor proximity reader for "FERSERVIZI" and MIFARE 13.56 MHz contactless cards	X	30	-	38
RFICREXT	LCMFR0000500	Outdoor proximity reader for "FERSERVIZI" and MIFARE 13.56 MHz contactless cards	X	30	-	38
RIVER	CSRIV0002700	8-wired-zone concentrator with connector for 8 electronic outputs	D	30	-	28
RIVER2	CSRIV0001800	8-wired-zone concentrator in metal case	D	30	-	28
RIVER2TBS	CSRIV0005000	2-wired-zone TERABUS concentrator with 2 open collector outputs	D	30	-	27
RIVER3	CSRIV0001900	8-wired-zone concentrator in metal case with inertial sensor	D	30	-	28
RIVER4TBS	CSRIV0004900	4-wired-zone TERABUS concentrator with connector for 4 electronic outputs	D	30	-	27
RIVER8PTBS	CSRIV0004700	8-wired-zone TERABUS concentrator with connector for 8 electronic outputs and 2 solid state relay outputs	D	30	-	27
RIVER8TBS	CSRIV0004800	8-wired-zone TERABUS concentrator	D	30	-	27
RIVERMICRO2	CSRIV0000100	2-wired-zone concentrator with 2 open collector outputs	D	30	-	28
RIVERMINI4	CSRIV0003000	4-wired-zone concentrator with connector for 4 electronic outputs	D	30	-	28
RIVERNANO2	CSRIV0003900	Miniaturized 2-wired-zone concentrator with pigtail connections	D	30	-	28
RIVERPLUS	CSRIV0002800	8-wired-zone concentrator with connector for 8 electronic outputs and 2 relay outputs with free-from-potential contacts	D	30	-	29
RIVERRF	CIRIV0000700	8-wireless-zone concentrator	E	30	-	29
RIVERRFPLUS	CIRIV0000800	24-wireless-zone concentrator	E	30	-	29
RIVERTECH	CSRIV0000600	Serial line concentrator to be installed on to DIN rail for technological applications	W	30	-	29
RIVERTH	CSRIV0002900	Analogue signals concentrator for STRIVER temperature probe connection or for devices with 4-20mA interface	D	30	-	30
RM/AS	PPCMAAV00100	Surface mount thermoplastic rod contact, for rollup shutters and gates lifting and break-in detection	.	Z	-	63
RM/S2	PPCMACI00100	A-S10 - Cylindrical flush-mount magnetic contact (10 pcs.)	.	Z	1-piece price	61
RM/SV	PPRINRV00100	Vibration contact to detect glass break events	.	Z	-	64
RM/UL	PPCMAAV00200	UP10 - Ultra-flat magnetic contact in plastic case for rolling shutters (10 pcs.)	.	Z	1-piece price	62
RMI01	PPRSIMP00200	Stand-alone microphone impact detector	X	30	-	65
RMBRK	PPRSIAC00400	Pre-drilled fixing plate for RMI01	X	30	-	65
RMIDNG	PPRSIAC00500	Wi-Fi dongle to enable RMI01 wireless functions	X	30	-	65
RMS2/P	PPCMACI00500	A-S1P Cylindrical flush-mount NC magnetic contact (10 pcs.)	.	Z	1-piece price	61
RPPLUS	AWMDIIR00400	Two-way wireless repeater to extend control units and wireless accessories operating range. Storage of 40 wireless devices	F	30	-	35
RPX485	ACMDIIS00800	Serial line repeater able to repeat, regenerate and functionally isolate the ULTRABUS RS485 serial line	B	30	-	34
RSFO	DTCON0000600	RS232-422-485 serial bus / multi mode optical fiber converter. Point-to-point half or full duplex transmission	X	Z	upon request	85
RX8CH	AWMDIIT00600	8-channel wireless receiver with relay outputs	E	30	-	35
RXMULTI2K	AWMDIIT00700	Multichannel NG-TRX wireless receiver with relay outputs	E	30	-	35
S10S	PPCMACI00300	Cylindrical flush-mount magnetic contact. NO/NC switch Reed contact (10 pcs.)	.	Z	1-piece price	61
SA100A	SREST0005400	Self-powered outdoor siren with 1 horn, orange LED flasher and blue system state LED	D	30	-	76
SA101A	SREST0005200	Self-powered outdoor siren with 2 horns, orange LED flasher and blue system state LED	D	30	-	76
SA101B	SREST0005300	Self-powered outdoor siren with 2 horns, blue LED flasher and orange system state LED	D	30	-	76
SA301B	SREST0005500	Self-powered outdoor siren with 1 horn, blue LED flasher and orange system state LED	E	30	-	76
SA40	SRINT0001800	Indoor siren	B	30	-	77
SA50	SRINT0001700	Indoor piezoelectric siren with white LED flasher	B	30	-	77
SA500	SREST0007000	Outdoor piezoelectric siren with 1 horn, orange LED flasher, customizable RGB system state LEDs	D	30	-	75
SA5000	SREST0006600	ULTRABUS RS-485 outdoor siren with 2 horns with backlit logo	-	30	soon available	75
SC/18	GAACC0100100	Circuit to control the operating state of a power supply unit included in a power supply group	.	30	-	80
SCORPIO	RWRIRMP03800	Wireless IR detector, 15 m range	E	30	-	41
SCORPIO2K	RWRIRMP03300	Wireless NG-TRX IR detector, 15 m range	E	30	-	41
SF485	ACCIV0001400	SSF protection filter for RS-485/422 serial lines. Protects up to 3 serial lines at the same time	B	30	-	34
SFNEB1	SNACC0200700	Fluid bag 1 litre for NEBULA50 and NEBULA80	X	Y	-	69
SFNEB1.1	SNACC0200500	Fluid tank 1.1 litres for NEBULA12 fog systems	X	Y	-	69
SFNEB1.6	SNACC0200100	Fluid tank 1.6 litres for NEBULA24 and NEBULA39 SNNEB0001600 fog systems	X	Y	-	69
SFNEB3.1	SNACC0200200	Fluid tank 3.1 litres for NEBULA78 SNNEB0001700 fog system	X	Y	-	70
SI1	PPRINMU00600	High sensitivity Inertia Switch sensor. To interface with CA/SI series analysis circuit or control units and concentrators equipped with fast zones (5 pcs.)	.	Z	1-piece price	64
SI3	PPRINMU00300	Inertia Switch sensor with 3 axis accelerometer. NC/balanced selectable output. It allows accurate detection of vibration applied to the device under attack. Its small dimensions allow placing it in small devices	B	30	-	64
SI65	PPRINMU00900	Outdoor black varnished aluminium inertial sensor for grills and general metal enclosures protection. Electromechanical sphere-based detection system. Requires an analysis circuit for fast detectors (CA/SI), or alternatively control units and concentrators equipped with fast zones	.	Z	-	64
SICM1	PPRINMU00800	Inertial sensor with combined magnetic contact for glass walls and general surfaces protection. To interface with CA/SI series analysis circuit or control units and concentrators equipped with fast zones	.	Z	-	64
SKILUX	A1MPL0000200	Control board for ILUX. Required to interface ILUX with EL.MO. hardwired intrusion detection units (all models) and intrusion detection units of different manufacturers	B	30	-	22
SMCOR2K	RWRRIO000400	Wireless NG-TRX combined smoke/CO detector for residential applications	D	30	-	56
SML/20	RCACCLF00400	FRESNEL lens protected against white light, range 20 m, for CENTAURO, SMART, SCORPIO	.	30	-	55
SML/PP	RCACCLF00500	FRESNEL lens protected against white light, vertical curtain beams, range 10 m for CENTAURO, SMART, SCORPIO	.	30	-	55
SML/TO	RCACCLF00600	FRESNEL lens protected against white light, horizontal curtain beams, range 15 m for CENTAURO, SMART, CONDOR, SCORPIO	.	30	-	55
SMR2K	RWRRIO000500	Wireless NG-TRX smoke detector for residential applications	D	30	-	56
SN/D10099	RCACCCF00500	Pack including 100 SN/D299 swivel mounts for TRES, DT99, DT2000, DT3000, DT4000, CONDOR, SMART, CENTAURO	.	30	-	55
SN/D2099	RCACCCF00400	Pack including 20 SN/D299 swivel mounts for TRES, DT99, DT2000, DT3000, DT4000, CONDOR, SMART, CENTAURO	.	30	-	55

Note: the products highlighted in orange are certified IMQ.

Code	Product code	Description	RC	W	Availability notes	Page
SN/D299	RCACCF00300	Pack including 2 SN/D299 swivel mounts for TRES, DT99, DT2000, DT3000, DT4000, CONDOR, SMART, CENTAURO	.	30	-	54
SND3D	RCACCVS00200	3D swivel mount with internal cable passage for DT93 and VISIO2K detectors	.	30	-	54
SNDSGX	RCACCSX00100	3D swivel mount with internal cable feeding for GRIFOX and STRIXO detectors, allowing vertical and horizontal detector adjustment	.	30	-	54
SNDTRIAL	RCACCTR00300	3D swivel mount with internal cable feeding to adjust the detector position horizontally and vertically. 90°-oriented swivel mount with internal cable feeding for installation parallel to the wall (for a "perimeter" protection of the building)	.	30	-	54
SNDTRIAL10	RCACCTR00400	Kit 10 pcs. SNDTRIAL	.	30	-	54
SNDVISIO	RCACCVS00100	3D swivel mount with internal cable passage for VISIO2K detectors	.	30	-	54
SRCRONO01	OWACCO000100	Relay board for chronothermostat function for AURA2K	B	30	-	19
STRIVER	CSACR0000900	Temperature probe compatible with RIVERTH with NTC thermistor	.	Z	-	30
STRIXO	RCRDTMP08100	Dual technology wired IP55 outdoor detector with vertical protection lens, 8 m range	E	30	-	50
STRIXO2K	RWRDTMP02900	Dual technology NG-TRX IP55 outdoor detector with vertical protection lens, 8 m range	E	30	-	43
STRIXO485	RCRDTMP08200	Dual technology ULTRABUS outdoor IP55 detector with vertical protection lens, 8 m range	E	30	-	53
STRIXORF	RWRDTMP01500	Dual technology wireless IP55 outdoor detector with vertical protection lens, 8 m range	E	30	-	44
SVNEB1.1	SNACCO200600	1.1-litre empty tank for return management	X	Y	-	70
SVNEB1.6	SNACCO200300	1.6-litre empty tank for return management	X	Y	-	70
SVNEB3.1	SNACCO200400	3.1-litre empty tank for return management	X	Y	-	70
TAM2K	TSTMT0000600	Sickness signalling kit including a personal device to warn the emergency services in case of sickness or danger and one relay board for alarm reception	X	Z	upon request	79
TITANIA	CCTIT0100500	Wired/wireless control unit with 512 zones	I	30	-	16
TITANIACOMPACT	CCTIT0101200	Wired/wireless control unit with 256 zones	I	30	-	16
TITANIAPLUS	CCTIT0100400	Wired/wireless control unit with 1024 zones	I	30	-	16
TLC/AL	GAALI0100100	AC230V - 13.8 Vdc power supply unit in plastic case	B	30	-	80
TM/60M	ASTSF0000100	AC230V/AC24V transformer (60VA) for the columns for AN and BEL barriers	.	Z	-	60
TRES01	RCRDT0101600	Triple technology detector, 15 m range	D	30	-	46
TRES01	RCRDT0101700	TRES01 detector with 9.9 GHz frequency	D	30	-	46
TRES01485	RCRDT0101800	ULTRABUS triple technology detector, 15 m range	D	30	-	52
TRES01485	RCRDT0101900	TRES01485 detector with 9.9 GHz frequency	D	30	-	52
TRHAL	GAALI0100200	AC230V - 13.8 Vdc (1 A) power supply unit in kit. To be installed inside the case of TRH series GSM diallers	B	30	-	78
TRHCOMBI	CTCGP0100500	GSM/PSTN telephone dialler, remote interrogation and control functions, featuring built-in dual band GSM module	H	30	-	78
TRIAL	RCRDT0200100	Triple technology wired IP55 outdoor detector with multifocal lens, 15 m range	E	30	-	50
TRIAL	RCRDT0200900	TRIAL detector with 9.9 GHz differentiated frequency	E	30	-	50
TRIAL2K	RWRDTMP04100	Triple technology NG-TRX IP55 outdoor detector with multifocal lens, 15 m range	F	30	-	43
TRIAL2K	RWRDTMP04400	TRIAL2K detector with 9.9 GHz differentiated frequency	F	30	-	43
TRIAL485	RCRDT0200200	Triple technology ULTRABUS IP55 outdoor detector with multifocal lens, 15 m range	E	30	-	53
TRIAL485	RCRDT0201000	TRIAL485 detector with 9.9 GHz differentiated frequency	E	30	-	53
TRIAL485H	RCRDT0200400	Triple technology ULTRABUS IP55 outdoor detector with horizontal protection lens, 15 m range	E	30	-	53
TRIAL485H	RCRDT0201200	TRIAL485H detector with 9.9 GHz differentiated frequency	E	30	-	53
TRIAL485V	RCRDTMP02300	Dual technology ULTRABUS IP55 outdoor detector with vertical protection lens, 15 m range	E	30	-	54
TRIAL485V	RCRDTMP02700	TRIAL485V detector with 9.9 GHz differentiated frequency	E	30	-	54
TRIALH	RCRDT0200300	Triple technology wired IP55 outdoor detector with horizontal protection lens, 15 m range	E	30	-	51
TRIALH	RCRDT0201100	TRIALH detector with 9.9 GHz differentiated frequency	E	30	-	51
TRIALH2K	RWRDTMP04200	Triple-technology NG-TRX IP55 outdoor detector with horizontal protection lens, 15 m range	F	30	-	44
TRIALH2K	RWRDTMP04500	TRIALH2K detector with 9.9 GHz differentiated frequency	F	30	-	44
TRIALRF	RWRDTMP00400	Dual technology wireless IP55 outdoor detector with multifocal lens, 15 m range	F	30	-	45
TRIALRF	RWRDTMP01000	TRIALRF detector with 9.9 GHz differentiated frequency	F	30	-	45
TRIALRFH	RWRDTMP00500	Dual technology wireless IP55 outdoor detector with horizontal protection lens, 15 m range	F	30	-	45
TRIALRFH	RWRDTMP01100	TRIALRFH detector with 9.9 GHz differentiated frequency	F	30	-	45
TRIALRFV	RWRDTMP00600	Dual technology wireless IP55 outdoor detector with vertical protection lens, 15 m range	F	30	-	45
TRIALRFV	RWRDTMP01200	TRIALRFV detector with 9.9 GHz differentiated frequency	F	30	-	45
TRIALV	RCRDTMP02200	Dual technology wired IP55 outdoor detector with vertical protection lens, 15 m range	E	30	-	51
TRIALV	RCRDTMP02600	TRIALV detector with 9.9 GHz differentiated frequency	E	30	-	51
TRIALV2K	RWRDTMP04600	TRIALV2K detector with 9.9 GHz differentiated frequency	F	30	-	44
TRIALV2K	RWRDTMP04300	NG-TRX dual technology detector with vertical protection lens. IP55 for outdoor use, 15 m range	F	30	-	44
TRLTO	RCACCLF00800	FRESNEL lens for TRES series detectors, horizontal curtain beams, 81° opening, range 15 m	.	30	-	55
TYROS	OWTELO100700	FM remote control for medical alarm	D	30	-	26
UGNEB30	SNACCO100100	Nozzle 30°: it directs the fog with a 30° angle, recommended for wall installation	X	Y	-	69
UGNEB3C	SNACCO100300	3-hole nozzle: it delivers the fog in 3 different directions, effective to cover large windows and multiple exposures	X	Y	-	69
UGNEB3I	SNACCO100200	Nozzle 30° with 3 holes (combi): it delivers the fog in 3 different directions at 30° angle	X	Y	-	69
UGNEBC	SNACCO100400	Custom nozzle: upon request, it can be made with custom angles	X	Y	-	69
UGNEBPU	SNACCO100600	7 cm nozzle extension	X	Y	-	69
UNIREL	CSACR0000400	Relay module	.	30	-	26, 30
URSCONV	SAACCO000700	USB RS-232/485/422 converter.	X	Z	-	85
US/714	PPRINRV00200	Probe with mercury contact for protecting glass panels and the like. To interface with CA/SI series analysis circuit or control units and concentrators equipped with fast zones (10 pcs.)	.	Z	1-piece price	64
VEGA2K	RWRCM0008800	Ultra-compact indoor wireless NG-TRX perimeter transmitter equipped with magnet	E	30	-	67
VEGAM2K	RWRCM0009300	VEGA2K transmitter in brown case	E	30	-	67
VICOMPACT2K (4G One)	CWVIL0102700	VICOMPACT2K control unit with built-in One line 4G module	W	30	-	6
VICOMPACT2K (One)	CWVIL0102600	NG-TRX intrusion detection control unit with 32 wired/wireless zones with built-in One line GSM/GPRS module and LAN and Wi-Fi predisposition	W	30	-	6
VIDOMO2K	CWVIL0101900	NG-TRX intrusion detection control unit with 64 wired/wireless zones with ULTRABUS interface	W	30	-	5
VIRGO2K	RWRCM0015200	Outdoor perimeter wireless NG-TRX transmitter equipped with magnetic contact	D	30	-	65
VIRGOEXT	RWRCM0013900	Outdoor perimeter wireless transmitter equipped with magnetic contact	D	30	-	67
VIRGOEXTM	RWRCM0014300	VIRGOEXT transmitter in brown case	D	30	-	67
VIRGOM2K	RWRCM0015400	VIRGO2K transmitter in brown case	D	30	-	65
VISIO2K	RWVIDO000200	Wireless NG-TRX dual technology detector with advanced videoanalysis functions	F	30	-	46
VOICEAD	ACMDCCV00300	Adapting cable to connect SK/VOICE voice synthesis board to ET8 control units	.	30	-	31
VOLANS	RWRCM0014000	Perimetral wireless transmitter equipped with magnetic contact and on-board piezo sensor	E	30	-	68

Note: the products highlighted in orange are certified IMQ.

Alphabetical index

Code	Product code	Description	RC	W	Availability notes	Page
VOLANS2K	RWRCM0015000	Perimetral wireless NG-TRX transmitter equipped with magnetic contact and on-board piezo sensor	E	30	-	66
VOLANSC	RWRCM0013100	Compact perimetral wireless transmitter equipped with magnetic contact and onboard piezo sensor	E	30	-	68
VOLANSC2K	RWRCM0014600	Compact perimetral wireless NG-TRX transmitter equipped with magnetic contact and on-board piezo sensor	E	30	-	66
VOLANSCM	RWRCM0013500	VOLANSC transmitter in brown case	E	30	-	68
VOLANSCM2K	RWRCM0014700	VOLANSC2K transmitter in brown case	E	30	-	67
VOLANSM	RWRCM0014200	VOLANS transmitter in brown case	E	30	-	68
VOLANSM2K	RWRCM0015100	VOLANS2K transmitter in brown case	E	30	-	66

Note: the products highlighted in orange are certified IMQ.

Product updates

Print the description of any new product announced through our newsletter and paste it here.



Paste here the description of the new product



Paste here the description of the new product



Paste here the description of the new product



Paste here the description of the new product



Via Pontarola, 70 | 35011 Campodarsego (PD) - Italy

Ph. +39 049.9203333 | Fax +39 049.9200306 | international@elmospa.com

www.elmospa.com



L.75.0822.1

August 2022 edition

03/04/2023 update

EL.MO. reserves the right to change products characteristics without prior notice