

Villeggio

Intrusion detection system:
small, powerful, modular.

Power and safety,
in great shape.



MADE IN ITALY



elmospa.com

Global security solutions



Villeggio series control units



With the Villeggio system, EL.MO. brings together the best of technology applied in the safety field in a product with unique design, completely innovative and with great potential. The concept of wireless intrusion detection control unit has been redesigned and revolutionized creating a **small and compact product** but with a lot of features and with unique capabilities by virtue of its **modular design**.

In detail, the Villeggio system uses a hardware platform with a wide range of performance to which can add installable components based on the **Plug & Play** principle to increase the management levels in according to the customer's needs. In the fuller version, VIDOMO, Villeggio integrates several devices connected directly to the **RS485 serial bus** such as the RIVER concentrators, the **18** inserters, the **ANIMA**, **TATTILO** and **TATTILOPLUS** keypads or the **TRES01485** and **TRIAL485** detectors. The Villeggio system is composed of 3 control units:

- » **VICOMPACT**: 32 total on board wireless inputs. Of the 32 available wireless inputs can be used, reducing the wireless inputs, 2 wired inputs on board control unit. Available in white version.
- » **VIBASIC**: 64 wireless inputs. The wireless inputs are managed by the wireless module in the control unit and/or through RIVER via RS485. Are available in the control unit, with the reduction of wireless inputs, 8 wired inputs (16 with split function). Available in white and black version.

- » **VIDOMO**: 64 inputs, freely configurable such as wireless and/or wired inputs. The wireless inputs are managed by the wireless module on-board control unit and/or by RIVER via RS485. Are available on board control unit, with reduction of the wireless inputs, 8 wired inputs (16 with split function) expandable up to 64 with RIVER concentrators via RS485. Available in white or black version.

Villeggio is a product that lends itself especially for **domestic and commercial applications** and in this direction the control unit can be **integrated into other systems of building automation via KONNEX ETREIB** optional interface.

The greatest potential of the Villeggio system occur mainly in the ability to manage, to control and to query **remotely** the control units through different communication channels (via conventional **telephone line**, via **GSM**, via **TCP/IP**) and through devices such as **smartphone**, **tablet** and **PC**. This allows, for example, to switch-on the heater, to check the activation status of the system components or to carry out programming or temporary activation and deactivation operation of certain controlled areas. The full communication potential of Villeggio are obtained through integration with the management, supervision and centralization platform of **e-Connect** systems.



Integrable functional modules

The Villeggio's system uses the hardware platform equipped with **expansion modules based on Plug&Play principle**. It is extremely modular and grows dimensionally and functionally according to the environment in which it operates.

Exclusive and compact design

The **innovative design** for the intrusion detection control unit, allows the Villeggio's installation in a lot of contexts. The compact size makes Villeggio not only suitable for home or commercial installations but also for boats and campers. Finally, the LCD display, the built-in keyboard, the LEDs for functional signaling and the integrated proximity reader provide an immediate and direct interfacing on the control unit.

Interface

Villeggio, in the VIDOMO configuration, has a **RS485 serial line** for the connection of the TRIAL485 and TRES01485 detectors, RIVER concentrators, and up to 16 control devices such as **TATTILOPLUS**, **TATTILO** and **ANIMA** touch screen keypads, **NIRVA** and **MIDAS** keypads, the RS485 **18** serial bus inserters, the **ETRZENITH** and **IZENITH** key point flush-mountable box and the **PASSLIGHT** additional system status indicator.



Konnex integration

VIBASIC and VIDOMO control units interfaceability is not limited only to the modern communication media but also for **building automation** in civil and industrial environments based on KNX BUS thanks to the ETREIB optional module. ETREIB is able to realize an exchange interface between Konnex bus and Villeggio control units.



Wide range of associated devices

The completeness of the EL.MO. range is complementary and optimally supports the ability to Villeggio to integrate itself with **a large number of of devices**. In detail, are integrable in the Villeggio's system a wide range of product for the protection against intrusion attempts and for gas leaks, principles of fire and flooding detection.



Remote operations

The Villeggio's system offer unlimited possibilities of **management through remote devices**, such us traditional telephone, mobile telephone, smartphone, tablet or PC. The applicative field of the remote management includes vocal interaction or via SMS, and involves the management of intrusion detection system and the management of other areas such as domestic heating. Finally, it is equipped by a digital combiner that supports the ContactID and Fast Format protocols.



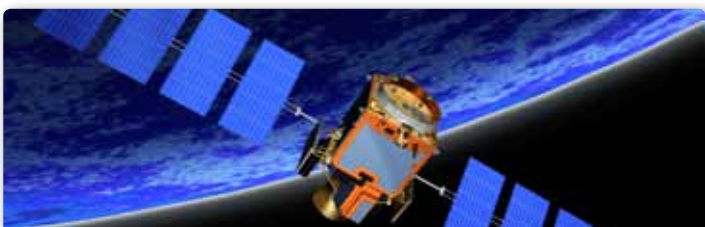
e-Connect

The Villeggio's systems is **integrated with management, centralization and supervision infrastructure of e-Connect systems**. Thanks to this platform, end-user, installers, maintainers and service companies can be controlled, manage and easily communicate with their intrusion detection system through smartphone, tablet and PC from anywhere in the world via internet.



Temperature always under control

The Villeggio control units incorporates a **temperature detector integrated with a thermostat function**. Moreover, **with a MDTEMP (optional) additional wireless temperature detector** is possible to expand the scope of use and, for example, use the built-in sensor in the control unit for the boiler control while with the MDTEMP sensor for the external temperature monitoring.



Localizazion via GPS

Villeggio, in addition to domestic and commercial installation, is optimally suitable even in boats and campers. The MDGPSE module exerts its function by allowing VIDOMO and VIBASIC to **determine their location using the worldwide network of satellites of the GPS service**.

Villeggio series control units

Operating modules

Villeggio consists of a base device and several plug-in expansion modules that can be added at any time to increase the functionality of the base device.

MDPOWER Power supply module



The power supply module is supplied and allows to the Villeggio control units to be powered at AC230V. It is an intelligent module supervised by a integrated microcontroller and it is can insert inside the housing of the control unit. There is a connector to connect PACK1 and PACK2. It is equipped with an output for the powered of the outdoor siren.

MDPOWER24 Power supply module DC24V



Voltage reducer module for DC24V power supply for campers and boats using equipped with a 24V electrical system. Mandatory in replacement of MDPOWER and the battery pack.

MDNTP NTP module



The NTP module provides a virtual telephone line connection over the GSM network for connecting traditional telephone devices. It requires also the MDGSME module. In other words also an environment that does not have a landline network connection is able to make and receive calls through traditional telephone.

MDGSMI and MDGSME GSM modules



The GSM MDGSMI and MDGSME modules allow the connection from and to the control unit via GSM. They are Dual-Band modules installable inside the Villeggio control units, equipped with internal antenna (MDGSMI) or of a connector for external antenna (MDGSME). The installation of this module opens the door to a wide range of functionalities for the remote control: voice messages or SMS alarm sending, control unit management via SMS, remote environment listening and the connection to the management, supervision and centralization of the e-Connect system.

Built-in GSM/GPRS Dual-Band module in VICOMPACT.

MDPSTN PSTN module



The PSTN module supports the connection to a analogue telephone line. It incorporates a 33kbps modem for a remote programming and operates in low power mode. It allows the sending of the alarm vocal message via telephone line, the control unit programming via remote assistance and the remote environment listening.

MDLAN Ethernet module



The Ethernet module supplied a 10 Mbit Ethernet connection. It allows the remote management of the control unit and its programming via TCP/IP. Moreover, it allows the integration with the management, supervision and centralization platform of the e-Connect systems.

MDGPSE GPS module



The GPS module allows to the Villeggio control units installed in a camper or boat to check its position, using the global network of satellites of the GPS service. It requires the MDGSMI or MDGSME module to send the position information and the MDANT1 or MDANT2 external antennas. (Not for VICOMPACT)

MDANT1 and MDANT2 Antennas



The MDANT1 and MDANT2 are accessories for the MDGPSE module (not for VICOMPACT)

MDANT1: GPS antenna for the GPS MDGPSE module, with magnetic base.

MDANT2: GPS antenna + GSM connectable to the GPS MDGPSE and GSM MDGSME modules.

MDTEMP Temperature detector



The MDTEMP module is an additional detector of remote wireless temperature for Villeggio control units and it allows to extend the temperature control to other environments. With MDTEMP is possible, for example, to use a integrated sensor in the control unit for the boiler control and the MDTEMP sensor for the outdoor temperature monitoring.

PACK1



Standard battery pack.

PACK2



Extra battery pack.

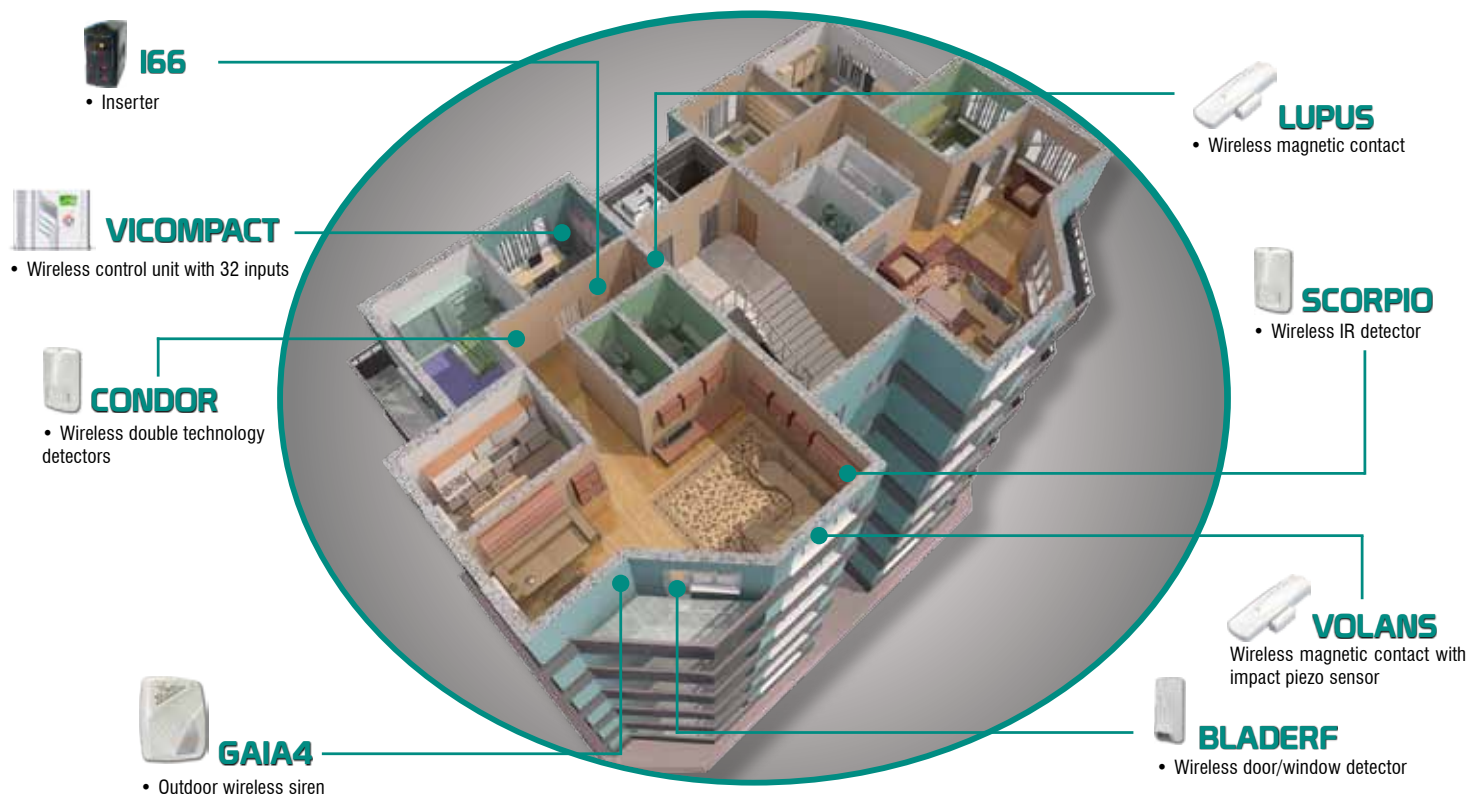
Tables of compatibility

	ATLANTE4PLUS	ATLANTE4	TYROS	TATTILO	TATTILOPLUS	ANIMA	NIRVA	MIDAS	ETRZENITH	IZENITH	PASSLIGHT
VIDOMO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VIBASIC	✓	✓	✓								
VICOMPACT	✓	✓	✓								

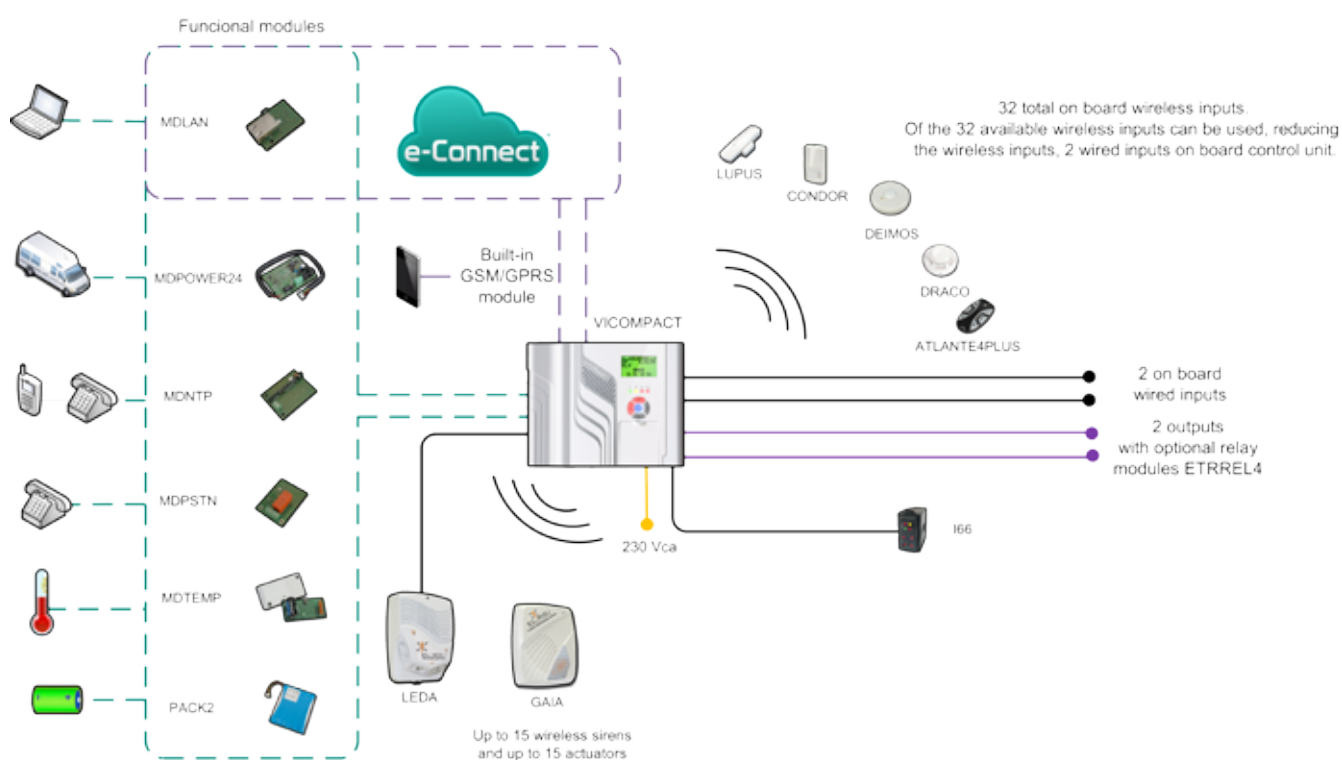
	I66	I8	TRES01485	ETREI8	ETRTRAI	Serie RIVER	RIVERRF	RIVERRF/RT6	ETRREL	ETRREL4	CP8/REL	CP8/SER2
VIDOMO	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
VIBASIC	✓			✓			✓	✓	✓	✓	✓	✓
VICOMPACT	✓								✓	✓	✓	



VICOMPACT Installation simulation

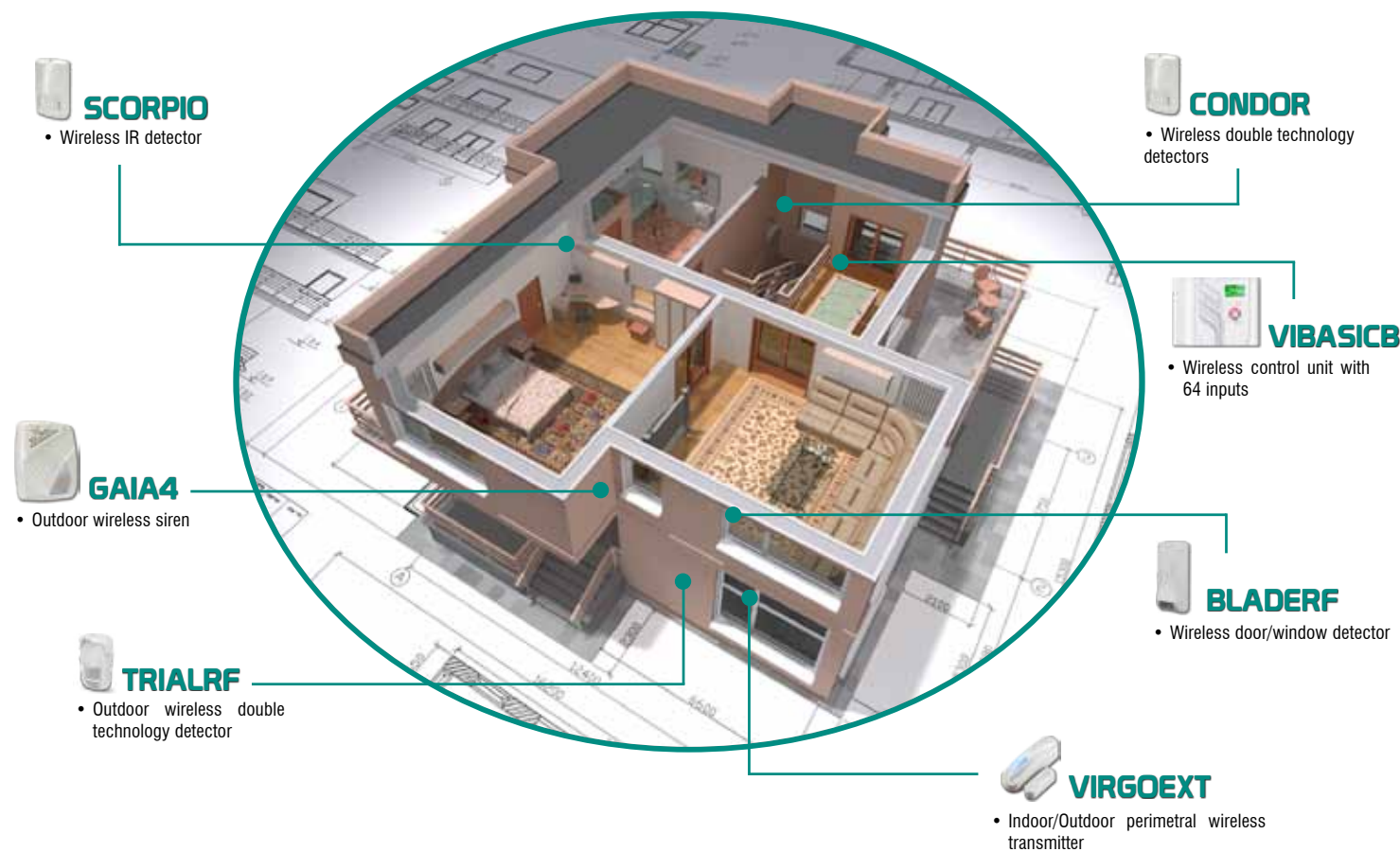


VICOMPACT functional diagram

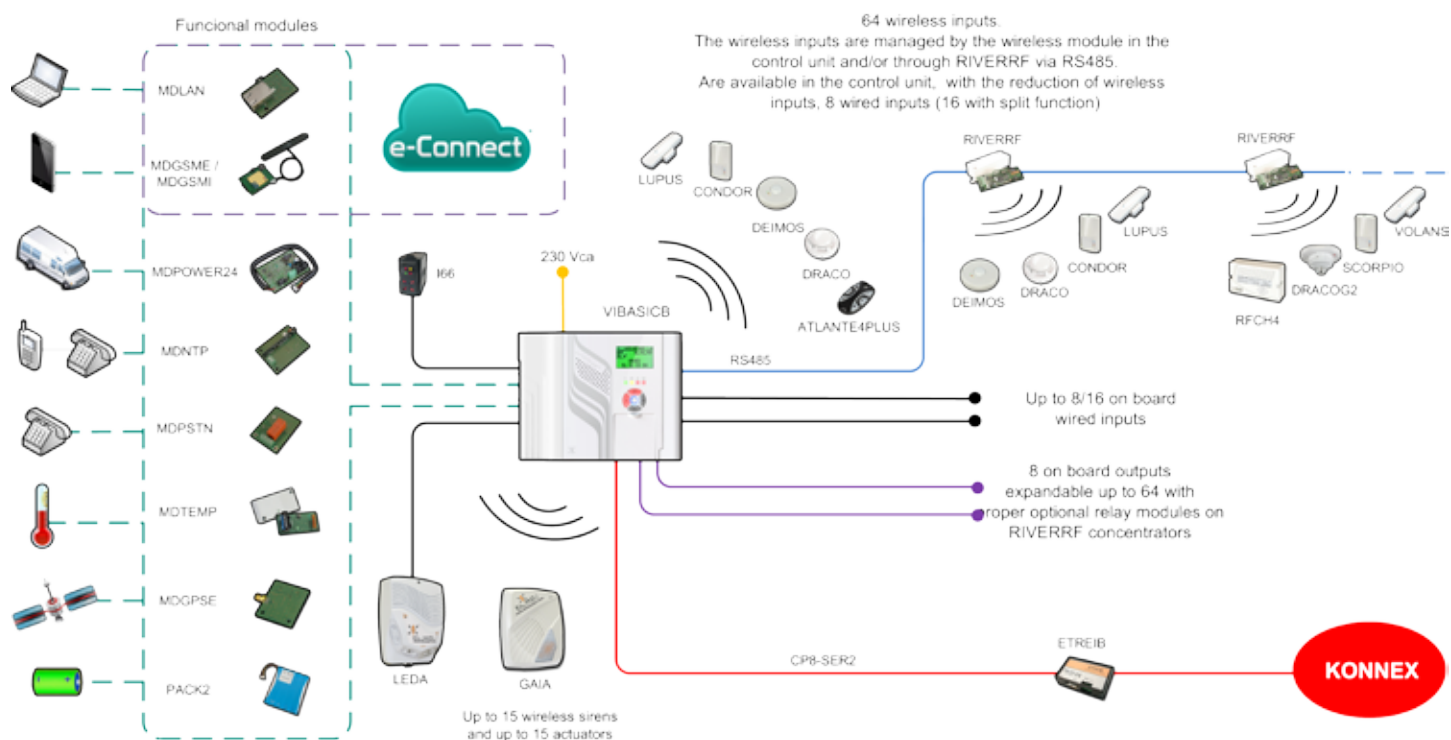


Villeggio series control units

VIBASIC Installation simulation

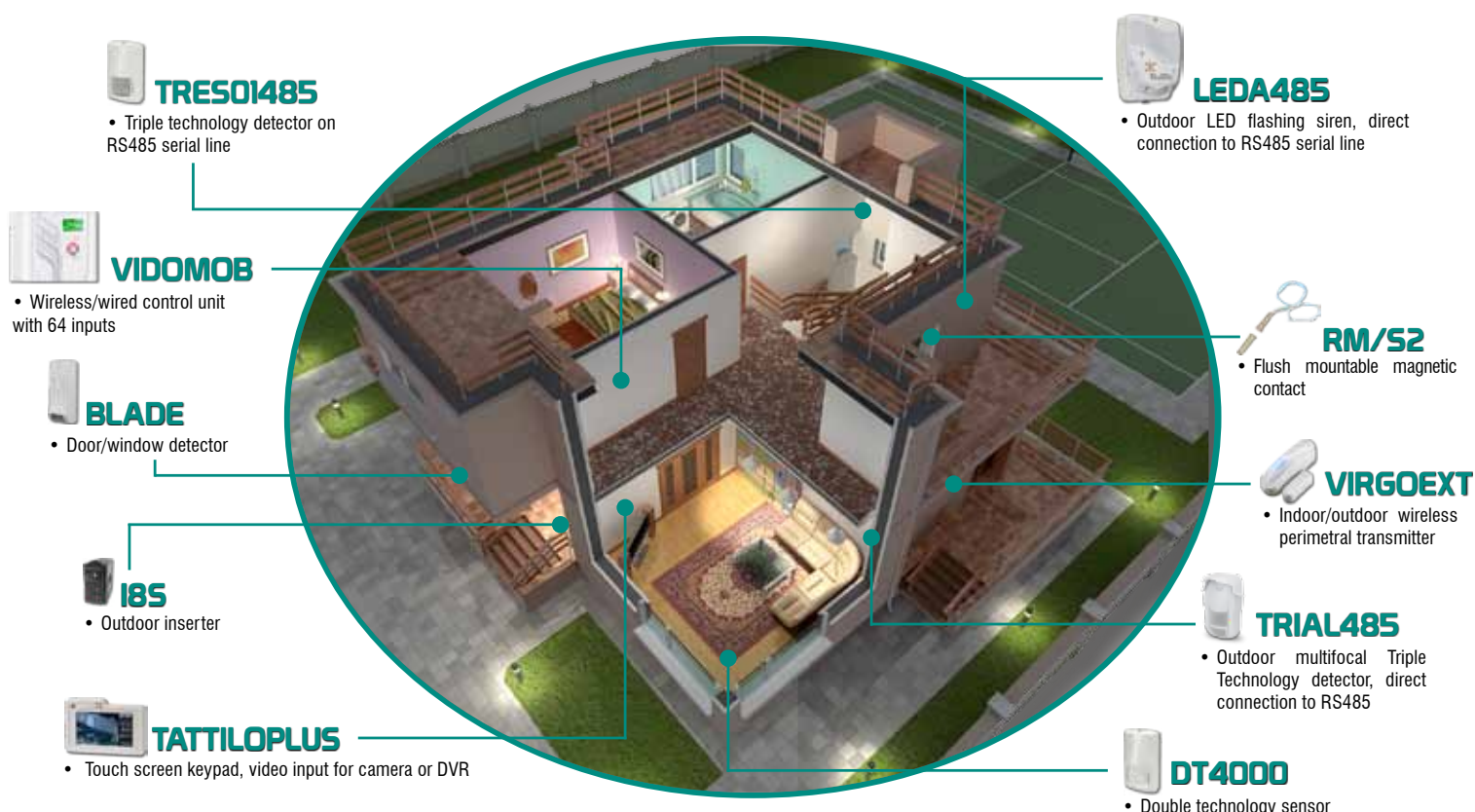


VIBASIC functional diagram

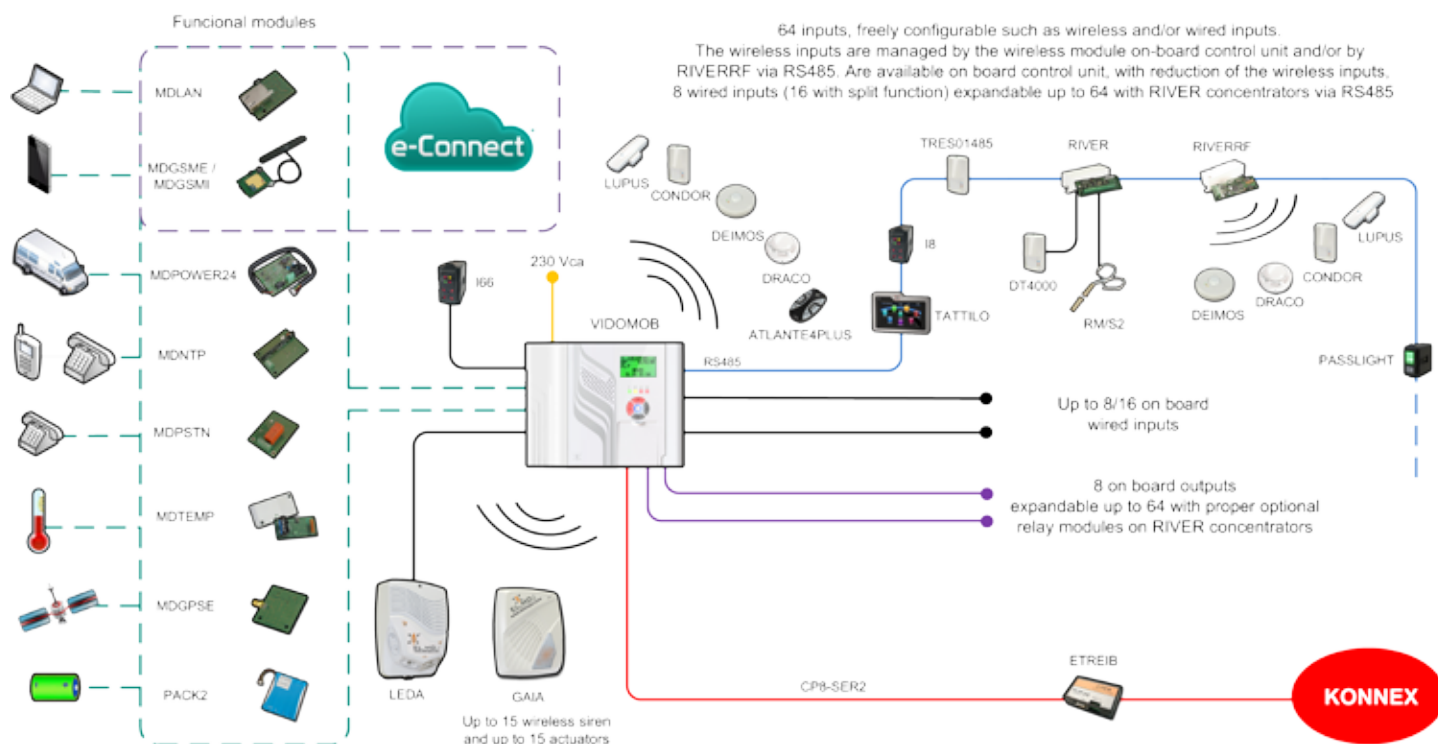


















VIDOMO Installation simulation



VIDOMO functional diagram



Villeggio series control units

Model	VICOMPACT	VIBASIC	VIBASICB	VIDOMO	VIDOMOB
	 CWVIL0101000	 CWVIL0100100  CWVIL0100101  CWVIL0100104  CWVIL0100105  CWVIL0100107	 CWVIL0101100  CWVIL0101101  CWVIL0101104  CWVIL0101105  CWVIL0101107	 CWVIL0100200  CWVIL0100201  CWVIL0100204  CWVIL0100205  CWVIL0100207	 CWVIL0101200  CWVIL0101201  CWVIL0101204  CWVIL0101205  CWVIL0101207
Product code					
Housing colour	White	Black	White	Black	White
Inputs	<ul style="list-style-type: none"> 32 total on board wireless inputs Of the 32 available wireless inputs can be used, reducing the wireless inputs, 2 wired inputs on board control unit On board zones can be configured as: NO, NC, balanced, split, extended split, triple balanced, fast. Zones can be assigned different properties 	<ul style="list-style-type: none"> Up to 64 inputs Wireless inputs manageable on control unit board and/or through RIVERRF via RS485 Available wired inputs on control unit board 8/16 with split function The wired inputs using involves the consequent reduction of available wireless inputs On board zones can be configured as: NO, NC, balanced, split, extended split, triple balanced, fast 		<ul style="list-style-type: none"> 64 total inputs freely manageable in wireless and/or wired configuration The 64 inputs are usable as: on board available wireless inputs and/or through RIVERRF via RS485 8 wired zones on board, expandable to 16 with split function; expandable up to 64 with RIVER via RS485 The wired inputs using involves the consequent reduction of available wireless inputs On board zones can be configured as: NO, NC, balanced, split, extended split, triple balanced, fast 	
Outputs	<ul style="list-style-type: none"> Alarm relay output with C-NO-NC free from potential contacts with 3A@AC24V carrying capacity. The output can be configured 12V fuse-protected power output for detectors Connector with 2 outputs for ETRREL4 modules that can be configured and remotely controlled 	<ul style="list-style-type: none"> Up to 64 programmable outputs with remote control function 12V fuse-protected power output for detectors Alarm relay output with C-NO-NC free from potential contacts with 3A@AC24V carrying capacity. Connector with 8 outputs for ETRREL modules that can be configured and remotely controlled 		<ul style="list-style-type: none"> Up to 64 programmable outputs with remote control function 12V fuse-protected power output for detectors Alarm relay output with C-NO-NC free from potential contacts with 3A@AC24V carrying capacity. Connector with 8 outputs for ETRREL modules that can be configured and remotely controlled 	
Users	Up to 32 users	Up to 32 users		Up to 32 users	
Control devices	/	/			
Areas/sectors	<ul style="list-style-type: none"> 4 areas with 4 sectors or 2 areas with 8 sectors or 1 area with 16 sectors 	<ul style="list-style-type: none"> 4 areas with 4 sectors or 2 areas with 8 sectors or 1 area with 16 sectors 		<ul style="list-style-type: none"> 4 areas with 4 sectors or 2 areas with 8 sectors or 1 area with 16 sectors 	
User interface	<ul style="list-style-type: none"> Graphic LCD display with RGB backlight in according to the operating conditions and customizable Backlight keypad Reader for proximity key, excludable, with partialization possibility 	<ul style="list-style-type: none"> Graphic LCD display with RGB backlight in according to the operating conditions and customizable Backlight keypad Reader for proximity key, excludable, with partialization possibility 		<ul style="list-style-type: none"> Graphic LCD display with RGB backlight in according to the operating conditions and customizable Backlight keypad Reader for proximity key, excludable, with partialization possibility 	
Serial line	/	1 RS485 serial line for RIVERRF connection		1 RS485 serial line for connection with compatible devices	
Wireless module	<ul style="list-style-type: none"> FM 434.525 MHz receiver compliant EN300220 (Class 2) AM 868.300 MHz compliant with EN300220 and EN50131 standards with antenna integrated on the PCB. 	<ul style="list-style-type: none"> FM 434.525 MHz receiver compliant EN300220 (class 2) and EN50131 AM 868.300 MHz compliant EN300220 and EN50131 with antenna integrated on the PCB 		<ul style="list-style-type: none"> FM 434.525 MHz receiver compliant EN300220 (class 2) and EN50131 AM 868.300 MHz compliant EN300220 and EN50131 with antenna integrated on the PCB 	
Connectors	<ul style="list-style-type: none"> MINIUSB pc connector for configuration and remote control, and firmware upgrade (simplified mode) Connector for remote I66 proximity key readers 	<ul style="list-style-type: none"> MINIDIN for programming and connection to the ETRREIB for connection on standard Konnek systems (with optional CP8/SER2 cable) MINIUSB for programming, remote control and firmware upgrade Connector for remote I66 inserters connection 		<ul style="list-style-type: none"> MINIDIN for programming and connection to the ETRREIB for connection on standard Konnek systems (with optional CP8/SER2 cable) MINIUSB for programming, remote control and firmware upgrade Connector for remote I66 inserters connection 	
Phone dialer	<ul style="list-style-type: none"> Telephone number list, 16 numbers for voice calls, 2 numbers for digital calls, 4 numbers for remote assistance, 1 number for direct dial-out Digital dialler operating with ContactID and Fast Format protocols 	<ul style="list-style-type: none"> Telephone number list, 16 numbers for voice calls, 2 numbers for digital calls, 4 numbers for remote assistance, 1 number for direct dial-out Digital dialler operating with ContactID and Fast Format protocols 		<ul style="list-style-type: none"> Telephone number list, 16 numbers for voice calls, 2 numbers for digital calls, 4 numbers for remote assistance, 1 number for direct dial-out Digital dialler operating with ContactID and Fast Format protocols 	
Voice synthesis	<ul style="list-style-type: none"> Voice synthesis module with 64 messages recordable by the installer and programmability via USB for a total of 8 minutes recording time 	<ul style="list-style-type: none"> Voice synthesis module with 64 messages recordable by the installer and programmability via USB and serial line for a total of 8 minutes recording time 		<ul style="list-style-type: none"> Voice synthesis module with 64 messages recordable by the installer and programmability via USB and serial line for a total of 8 minutes recording time 	
GSM	<ul style="list-style-type: none"> GSM/GPRS module included for the connection from and to control unit via GSM, also allow the connection to e-Connect system Remote interrogation via SMS with GSM module Remote listening device controlled via SMS 	<ul style="list-style-type: none"> Remote interrogation via SMS with optional GSM MDGSMI and MDGSME modules Integrated device for environmental listening with control via SMS 		<ul style="list-style-type: none"> Remote interrogation via SMS with optional GSM MDGSMI and MDGSME modules Integrated device for environmental listening with control via SMS 	
LAN	MDLAN Ethernet module (optional) for remote control and programming via TCP/IP	Ethernet MDLAN module (optional) for the remote control and the programming via TCP/IP		Ethernet MDLAN module (optional) for the remote control and the programming via TCP/IP	
Internal siren	Built-in siren for alarm and operating signalings	Built-in siren for alarm and operating signalings		Built-in siren for alarm and operating signalings	
Functions	<ul style="list-style-type: none"> Control of up to 15 sirens and 15 configurable actuators Temperature sensor with thermostat function MDTEMP radio temperature detector (optional) Daily/weekly thermostat function, with block boiler detection Emergency light function 	<ul style="list-style-type: none"> Control of up to 15 sirens and 15 configurable actuators Temperature sensor with thermostat function MDTEMP radio temperature detector (optional) Daily/weekly thermostat function, with block boiler detection Emergency light function 		<ul style="list-style-type: none"> Support of TRES01485 detector with RS485 serial interface Control of up to 15 sirens and 15 configurable actuators Temperature sensor with thermostat function MDTEMP radio temperature detector (optional) Daily/weekly thermostat function, with block boiler detection Emergency light function 	
Housing	Plastic against opening and removal	Plastic against opening and removal		Plastic against opening and removal	
Battery	PACK 1 supplied	PACK 1 supplied		PACK 1 supplied	
Dimensions/weight	W 268 x H 210 x D 63 mm, 990g with well fixing bracket	W 268 x H 210 x D 63 mm, 990g with well fixing bracket		W 268 x H 210 x D 63 mm, 990g with well fixing bracket	
Power consumption	<ul style="list-style-type: none"> 26,5mA (NO inputs) with disconnected control unit (low consumption) 125,5mA with disconnected control unit and GSM module in TX voice 	<ul style="list-style-type: none"> 15,5mA (NO inputs) with disconnected control unit (low consumption) 88mA with disconnected control unit and phone dialer active 		<ul style="list-style-type: none"> 15,5mA (NO inputs) with disconnected control unit (low consumption) 88mA with disconnected control unit and phone dialer active 	
Power supply	From power AC110-240V 50Hz (MDPOWER module included)	From power AC110-240V 50Hz (MDPOWER module included)		From power AC110-240V 50Hz (MDPOWER module included)	
Performance level	I° (CEI79-2)	I° (CEI79-2)		I° (CEI79-2)	
Standards	<ul style="list-style-type: none"> User interface according to EN50131 with compliant options Compliance EN50131-3 grade 1, environmental class I° Compliance with R&TTE 1999/5/CE Standard and to the ed ETSI EN 300220-3 and ETSI EN 301 489-3,1 Standards, the control unit is also compliant with EN 50131-5-3+A1 Standard 	<ul style="list-style-type: none"> User interface according to EN50131 with compliant options Compliance EN50131-3 grade 1, environmental class I° Compliance with R&TTE 1999/5/CE Standard and to the ed ETSI EN 300220-3 and ETSI EN 301 489-3,1 Standards, the control unit is also compliant with EN 50131-5-3+A1 Standard 		<ul style="list-style-type: none"> User interface according to EN50131 with compliant options Compliance EN50131-3 grade 1, environmental class I° Compliance with R&TTE 1999/5/CE Standard and to the ed ETSI EN 300220-3 and ETSI EN 301 489-3,1 Standards, the control unit is also compliant with EN 50131-5-3+A1 Standard 	



Wireless detectors, transmitters and devices for Villeggio System

BLADERF



- Wireless IR detector (IR range 4m) to be mounted horizontally or vertically between windows/doors and shutters/ blinds
- 1 terminal input for shutter, 1 terminal input for magnetic contacts, 1 terminal input 24H
- Operating angle: longitudinal 80°, perpendicular = 15°
- 120m operating range in open field
- Equipped with ER14250 3.6V lithium battery (replaceable), 4 years battery life (standard use)
- Dimensions W96 x H35 x D33,5 mm
- **Available also in brown colour (BLADERFM)**

TRIALRF



- Dual technology wireless detector (IR + MW)
- 10.525 GHz pulsed MW Section with filter for NEON lamps immunity
- Section of the digital IR highly immune to RF with temperature automatic compensation
- FRESNEL lens with white light protection, max range 15mt
- Look-down lens
- **Parts supplied: sunshield and fixed-tilt bracket**
- **Compliant to the EN50131-2-4 for grade 2, designed for the environment class III, EN50130-4, EN61000-6-3 and EN60950-1**

Available in 3 versions:

- **TRIALRF:** Outdoor multifocal dual technology detector
- **TRIALRFH:** Outdoor multifocal dual technology detector with horizontal lens
- **TRIALRFV:** Outdoor multifocal dual technology detector with vertical lens

CONDOR



- Wireless Double Technology detector with tamper protection against housing opening and removal
- MW operative range 12m, IR operative range 12m
- Temperature compensation
- 150m operating range in open field
- IP3X class protection
- Digital transmission on LPD devices frequency
- Front LED indicators
- 7,2V 2,4Ah Lithium battery provided, max 2 years battery autonomy
- Dimensions W64 x H100 x D48 mm
- **Compliance to 50131-5-3-A1**

DEIMOS



- Ceiling mount wireless IR detector
- **6m opening cone base at 2,10m height installation, 8m opening cone base at 3m height installation**
- 54 zones over 6 concentric cone sectors
- Operating range 80m in open field
- 9V alkaline battery provided

VIRGOEXT



- **Indoor and Outdoor** Perimetral wireless transmitter with built-in magnetic contact
- 150m operating range in open field
- **IP55 Class protection**
- Blue LED for the visualization of transmission activities
- Equipped with ER14250 3.6V lithium battery (replaceable), 4 years battery life (standard use)
- White colour
- **Compact size: W90 x H29 x D32mm**
- **Available also in brown color (VIRGOEXTM)**

DRACO-DRACOG2



- Wireless photoelectronic smoke detector with base (**DRACO**) and wireless optical temperature detector with base (**DRACOG2**)
- 80m operating range in open field
- Provided with alkaline battery

RFCH4-RFGPL-RFCO



- Semiconductor hardwired/wireless METHANE gas detector for civilian use (**RFCH4**)
- Semiconductor hardwired/wireless LPG gas detector for civilian use (**RFGPL**)
- Hardwired/wireless CO gas (Carbon Monoxide) detector (**RFCO**)
- Detects gas concentration 10% LEL (lower explosive limit)
- Operating range 80m in open field

GAIA4



- Wireless outdoor siren, 150m operating range in open field (except limitations due to operating conditions)
- **Two-tone sound**
- **Sound pressure 102 dBA at 3 mt @ 7,2V**
- **IP34 protection class**
- AM receiver
- Operating temperature -25 / +55°C
- Power supplied by BLSH3360 lithium battery pack included
- 3 years battery life with 1 alarm cycle / month and 4 unit arm and disarm events / day
- Dimensions W202 x H242 x D90 mm, weight 1,2Kg

VELA-VELAPLUS



- Control keypad for wireless HELIOS control units
- Built-in proximity key controller
- Operating range 80m in open field
- IP3X protection class
- Operating transmissions over Low Power Devices (LPD) frequency (**VELA**)
- Digital transmission and reception on differentiated pulsed frequencies for Low Power Devices (LPD) (**VELAPLUS**)
- Dimensions W166 x H136 x D33mm
- Powered by 9V alkaline battery (mod.6LR61) (**VELA**)
- Powered by 6LR61 9V alkaline battery and by AC12/24V, DC12/24V external supply (**VELAPLUS**)

ATLANTE4PLUS



- Bidirectional remote control **only for Villeggio Series control units** that can reporting the receiving of the signal sent to the control unit.
- 2 keys for total arm and disarm, 2 keys for day and night arm and disarm and 2 programmable buttons for control programmable outputs for applications such as automatic gates, exterior lighting, etc.
- Operative range 70m (open field)
- Dimensions W37 x H80 x D16mm, weight 22g
- 6V Power supply from 1 CR2032 battery (included)

Villeggio series control units

Detectors and devices with direct connection to RS485

TRIAL485



- **Outdoor Triple or Double technology compact volumetric detector with RS485 serial line connection**
- **Compatible with VIDOMO version 5.0 or above**
- Complete setup via software over RS485 serial line
- 10.525 GHz pulsed MW Section with filter for NEON lamps immunity
- Section of the digital IR highly immune to RF with temperature automatic compensation
- FRESNEL lens with white light protection, max range 15mt
- Environment noise detection
- Anti-blinding on IR section
- Look-down lens
- Circuit against disorientation
- **Parts supplied: sunshield and fixed-tilt bracket**
- **Low consumption 16mA to DC12V**
- **Compliant to the EN50131-2-4 for grade 2, designed for the environment class III, EN50130-4, EN61000-6-3 and EN60950-1**

Available in 3 versions:

- **TRIAL485:** Outdoor multifocal **Triple Technology** detector (1MW+2IR)
- **TRIAL485H:** Outdoor multifocal **Triple Technology** detector with horizontal lens (1MW+2IR)
- **TRIAL485V:** Outdoor multifocal **Dual technology** detector with vertical lens (1MW+1IR)

TRES01485



- Triple-technology compact volumetric detectors **with RS485 serial line connection**
- **Compatible with VIDOMO v. 5.0 series**
- Complete setup via software over RS485 serial line
- Triple-technology detector (MW+ 2 IR)
- Pulsed 10,525GHz MW section with filter against NEON light
- 2 IR digital sections highly immune to RF with automatic temperature compensation
- FRESNEL lens with white light protection and 81° aperture volumetric coverage, max range 15m
- Log of the latest alarm detected
- Environment noise detection
- Anti-blinding on IR section, anti-masking on MW section
- Look-down lens
- Circuit against disorientation
- Power supply DC12V
- **Compliant with EN50131-2-4 standard (level 2), environment class II, EN50130-4, EN61000-6-3 and EN60950-1**

Konnex interface ETREIB



- Interface allowing data communication between compatible ETR series control units and the automation system based on EIB standard and viceversa
- **Compatible with VIBASIC and VIDOMO**
- It features a standard physical EIB interface that must be strictly installed inside the control unit housing
- Power supply DC12V supplied by the control unit (from 9,5 to 15V)

Concentrators

RIVER-RIVER2- RIVER3



- **Concentrator featuring 8 triple-balanced, double-balanced, NC or fast inputs**
- **Compatible with VIDOMO control units**
- 8 programmable electronic outputs compatible with CP8/REL, UNIREL, ETRREL and ETRREL4 modules
- Power consumption 35 mA Max
- Power supply DC12V (10 – 15V)
- **IMQ-Allarme EN50131-3 grade 2, environmental class II, EN50131-6 certified**

RIVER

- Plastic housing with protection against opening
- **1st level according to CEI 79-2**

RIVER2

- Metal housing with protection against opening and removal from wall
- Dimensions W240 x H176 x D99mm
- **2nd level according to CEI 79-2**

RIVER3

- Metal housing with protection against opening and removal from wall, featuring also a drill-resistant inertial detector
- Dimensions W240 x H176 x D99mm
- **3rd level according to CEI 79-2**

RIVERRF and RIVERRFPLUS



- Wireless concentrator for control units with interface for RS485 serial line
- **Compatible with VIDOMO and VIBASIC**
- Operating range 80m in open field for reception of the signals generated from perimeter detectors or transmitters, 50m in open field for transmission from remote controls
- Management up to 8 (RIVERRF) or 24 (RIVERRFPLUS) wireless devices in VILLEGGIO mode
- 8 outputs controllable in VILLEGGIO mode
- ABS plastic housing with microswitch against cover opening
- Dimensions W 120 x H 37 x D 43mm, weight 100g

PASSLIGHT



- Additional system status indicator connected to RS485 serial bus
- **Compatible with VIDOMO control units**
- Can be derived from an I8 reader or can be installed in stand-alone mode to the RS485 serial line
- 2 Levels selectable for light intensity
- **Occupation 1 insert**
- Dimensions W21 x H42 x D46mm
- Power DC12V supplied via RS485 serial line (10V to 15V), Power consumption 27,3 mA
- Compatible with TICINO-MAGIC series frames; for frames of different series, users will have a wide range of adapters available



Keypads and inserters

TATTILO



- 4.3" Touch screen colour keypad
- **Compatible with VIDOMO control units**
- Built-in proximity key controller
- Maps function
- Thermostat function
- Screen saver function
- Alarm clock function
- Advanced display of event log
- Courtesy light function
- Direct wiring to RS485 serial bus
- Sectable Keypad orientation with automatic re-orientation of images displayed
- Presence detector for display automatic activation
- Power supply: DC12V
- Power consumption: Max 155mA
- **IMQ-Allarme EN50131-3 grade 2 environmental class II, EN50131-6 certified**

TATTILOPLUS



- 4.3" Touch screen colour keypad
- Video Input for camera or DVR viewing and control
- New GUI
- **Compatible with VIDOMO control units**
- Built-in proximity key controller
- Maps function
- Thermostat function
- Screen saver function
- Alarm clock function
- Advanced display of event log
- Courtesy light function
- Direct wiring to RS485 serial bus
- Sectable Keypad orientation with automatic re-orientation of images displayed
- Presence detector for display automatic activation
- Power consumption: Max 155mA, power supply DC12V
- Video Balun included
- **IMQ certification pending**

ANIMA Series



- Keypads to control, manage, and program control units
- **Black colour (ANIMA) and white colour (ANIMAB)**
- **Compatible with VIDOMO control units**
- "CapSense" capacitive touch pad technology
- **LCD Display**
- 4 system partition keys
- Built-in proximity key reader
- IP3X protection class

IZENITH



- **Key point for remote control of control units, connectable to RS485 serial BUS address type**
- **Sectorizable proximity reader with 4 system partition**
- **Compatible with VIDOMO control units**
- Addressing 1~128 selectable by dip-switch
- Possibility to choice, in pre-arming, the sectors to be armed
- Built-in buzzer
- "Syncro" function to allocate 2 IZENITH side by side
- **Occupation 1 insert**
- Power supply DC8-15V, power consumption 36mA
- Available also in white version (**IZENITHB**)

I8



- 4-LED addressable proximity reader for proximity key controllers (PROXI)
- **Compatible with VIDOMO control units**
- Connectable to RS485 serial BUS of control units, displays control panel armed status
- Compatible with TICINO MAGIC frame or other frames with adapters
- Addressable through built-in dip-switch
- Power supply DC12V, power consumption max 30mA
- **IMQ-Allarme EN50131-3 grade 2 environmental class II, EN50131-6 certified**
- **Available I8 (dark grey colour), I8B (white colour), I8G (no metallic grey/silver colour) and I8S (dark grey colour, suitable for outdoor installation)**

M4



- **Proximity user key**
- Available in different colours: Black (M4) - Green (M4-1) - Yellow (M4-2) - Red (M4-3) - Marine water (M4-4) - Brown (M4-5) - Blu (M4-6)
- **IMQ-Allarme EN50131-3 grade 2 environmental class II, EN50131-6 certified**

M4LED



- **Proximity user key** with a convenient and powerful white LED. Available in black colour (M4LED) or EL.MO. orange (M4-7LED).

Accessories

IBOX



- Flush-mount support for Villeggio unit wall mount.

Global supervision system e-Connect













- **Platform for centralization and supervision of EL.MO's intrusion detection systems based on Titania, ETR, Villeggio and NET control unit series, addressed for installer and end-user.** With e-Connect, EL.MO. meets the growing needs of autonomy for the system management by the end user, and for the remote management by the installer. The system is easily managed from PC, Smartphones and tablets from anywhere in the world.

e-Control



- With **e-Control** born a new, efficient and reliable system for **alarms receiving and remote assistance**, an integral part of the **e-Connect** platform, for all EL.MO. intrusion detection solutions. Thanks to its **unique hardware**, e-Control is the ideal product suitable for all systems, for small and big installations. with e-Control, the installers **can monitor and manage intrusion detection systems** of their customers with a single solution and with an only one programming language. The system is composed of three elements - ECONTROLRW, BrowserOne and ECONTROLRX - able to simplify the interaction and **to reduce the complexity level**.

Product Lines

Intrusion Detection			Access Control
Fire Detection			Videosurveillance
LED Lighting			Home Management
Management SW			OEM Solutions
Building Automation			Supervision SW

C.03.0515.20 Products features as described above do not bind the manufacturer and may be modified without prior notice.