

107

NEW FOR THE HOSPITALITY WORLD

VIEW 
IoT smart life

For an increasingly
smart and seamless
welcome

Vimar’s **new solutions** transform any accommodation facility into a more efficient, smart, safe and sustainable space, enhancing the guest experience while streamlining daily management.



Why choose Vimar?



A single partner for all your facility’s needs



Complete, customisable solutions

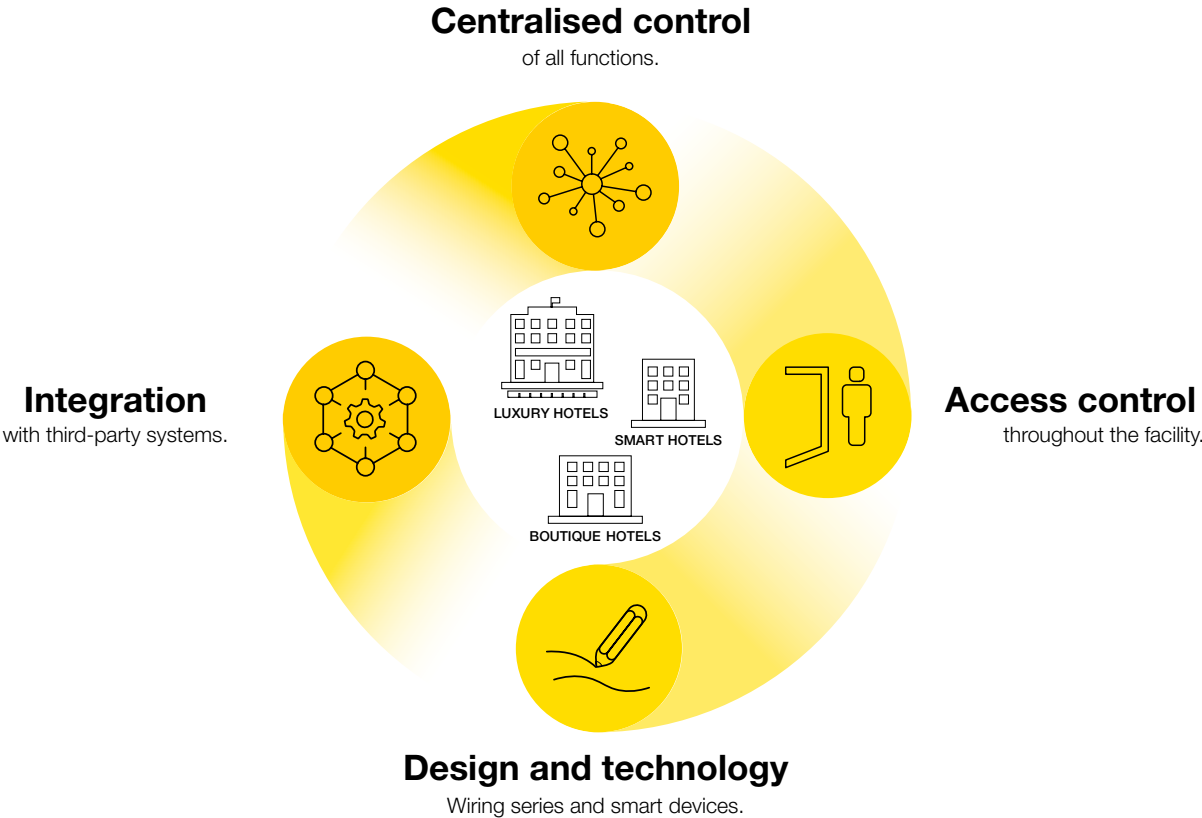


Distinctive, co-ordinated design

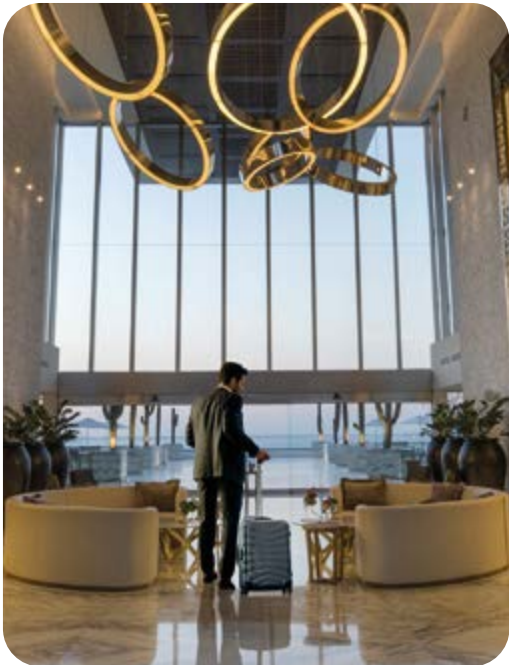


Seamless integration with third-party systems

From boutique hotels to large hotel chains, Vimar offers **flexible solutions** tailored to the needs of the property and every stakeholder involved.



Benefits for **guests**, a truly unique experience.



Fast and secure access.

- With the View Key App, guests can use their smartphone as a digital key, reducing waiting times and interactions with reception.



Comfort.

- User-friendly control of room functions.
- A simpler, more personalised guest experience.



Design.

- Controls and devices integrate harmoniously into the surroundings, helping to create an elegant atmosphere that aligns with the facility's brand identity.

Benefits for **facility managers** and **owners**.



Efficiency and sustainability.

- Remote monitoring of rooms and communal areas.
- Data analysis to optimise operational management.
- Reduction in energy consumption and running costs.
- Increased property value through modern, innovative technology.
- Support in meeting widespread sustainability standards.



Integration and modular line-up.

- Centralised management of lighting, blinds, air conditioning and access control.
- Compatibility with third-party systems.
- Scalable solutions suitable for both small boutique facilities and large hotel complexes.
- KNX standard to ensure long-term continuity, reliability and future-proof adaptability.



Design.

- Complete freedom of aesthetic choice with four complete wiring series, offering diverse designs and materials.
- Extensive device customisation to reinforce facility brand identity and ensure perfectly matching styling with interior décor.



Security and control.

- Real-time notifications for maintenance and security.
- Instant visibility of room occupancy status.
- Data protection via secure communication protocols.

Benefits for **installers** and **system integrators**.



Simplified installation and maintenance.

- Remote programming and support.
- Dedicated App and software management.
- Updates and licensing available on-line.
- Integration with management software and access systems.



A comprehensive, scalable offering.

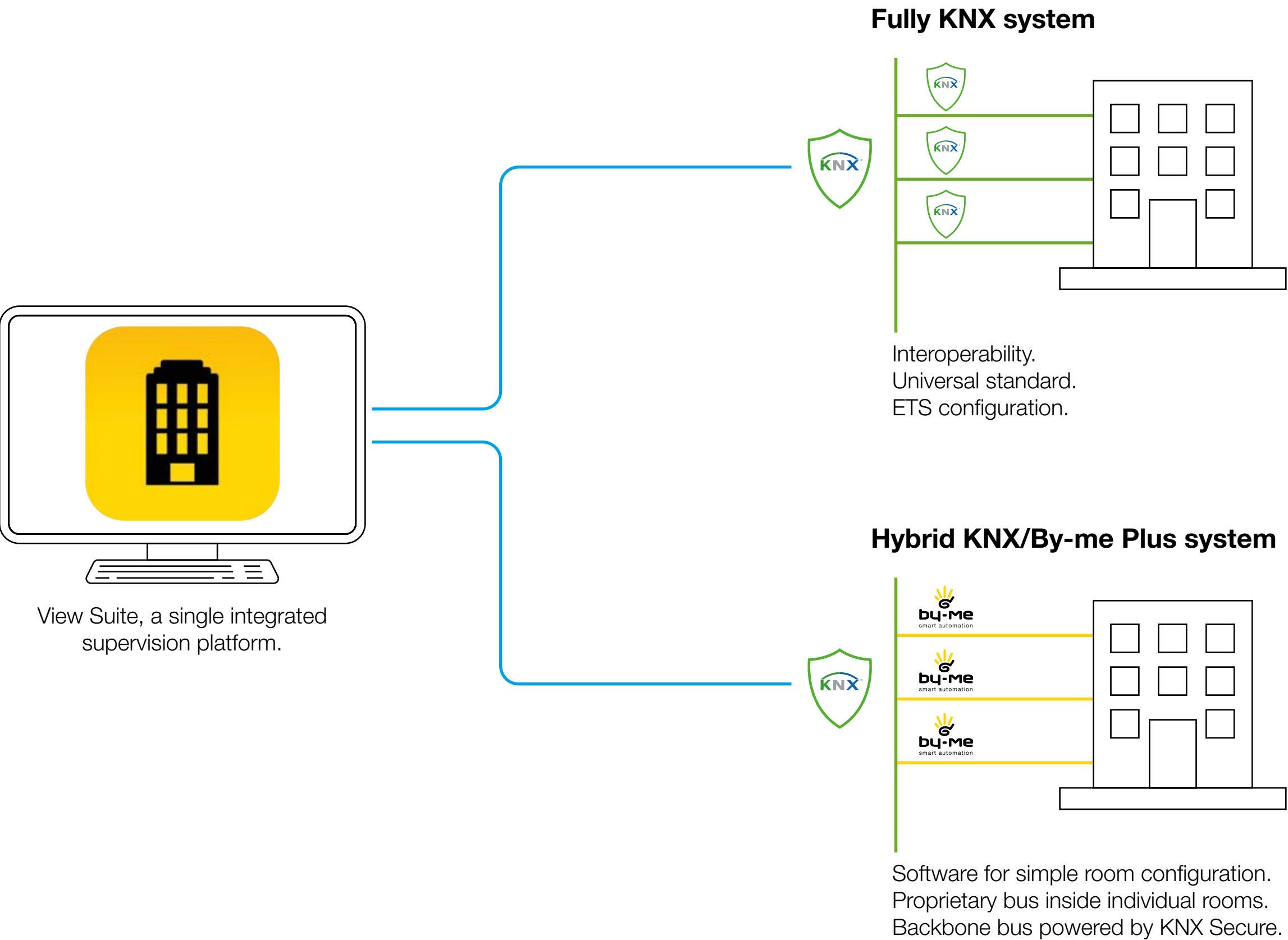
- Support for By-me Plus and KNX protocols.
- Adaptable solutions for facilities of any size.
- Integration with third-party access control, lighting and air conditioning systems.



Data management security.

- Fully secure data transmission and management utilising robust protocols (TLS and HTTPS).

Two technologies, **a single offering.**



New View Suite software

the smart heart of the facility.

View Suite is the platform developed by Vimar for advanced, integrated management of accommodation facilities. Available for both PC and smartphone, it enables complete building monitoring and control at any time, whether on site

or remotely. It offers a comprehensive solution for centralised smart building supervision, combining automation, access control, energy management, security and monitoring within a single scalable, multi-protocol software environment.



View Suite



PC benefits

- Task and staff management:** optimises activities and workflow planning.
- Access control:** securely manages entrances and permissions.
- Customised screens:** provides tailored dashboards and reporting.
- Room and communal area management:** centralises control across guest rooms and communal areas.
- Energy saving:** controls lights and air conditioning to minimise waste.
- Total integration:** interfaces with third-party systems.
- Total monitoring:** tracks events and alarms in real time.
- Security:** sends notifications in the event of anomalies.
- Operational continuity:** keeps software continuously updated.

Smartphone App benefits

- Remote control:** monitor rooms, alarms and consumption from anywhere.
- On-the-go efficiency:** streamlines staff coordination and reduces response times.
- Integrated system:** connects flexibly with existing technology.
- Rapid intervention:** real-time notifications to manage anomalies instantly.
- Single interface:** manage access, climate control and lighting from a single platform.
- Security:** ensures operational continuity and data protection.

View Suite: complete control of the facility in a single solution.

An **advanced platform** for configuring spaces and services, monitoring energy consumption and systems and managing users, reporting and scheduled maintenance. Thanks to web and mobile access, all the information is readily available wherever you are.

Main characteristics.

- room and environment management;
- user groups and authorisation levels;
- calendars and time slots;
- multi-channel notifications (e-mail, SMS, SIP, Telegram and push notifications)
- energy data processing;
- reporting and scheduled maintenance.



Advanced functions.

- historical data management;
- customised logics and alarms;
- database backup and restore;
- data export;
- mobile App synchronisation;
- web interface access.



An open and integrated ecosystem.

To meet the demands of any accommodation facility, Vimar continues to forge partnerships with leading hospitality industry players. The aim is to deliver a comprehensive, high-performance solution that integrates easily with existing building technology.

TECHNOLOGIES



Protocols

- BACnet™
- BECKHOFF ADS
- CRESTON
- KNX
- LoRa
- M-BUS
- MODBUS
- MQTT
- WMP



Access control

- CISA
- SAFLOK
- SALTO
- VINGCARD
- WIEGAND
- Number plate recognition



Telephony/Notifications

- ESPA
- GSM
- MIKROTIK
- PBX
- TELEGRAM

MANAGEMENT SOFTWARE/PMS



- | | |
|------------------|----------------|
| • 00 UP | • OCTORATE |
| • 5STELLE | • OPERA |
| • ASA | • PASSEPARTOUT |
| • BAZZACO | • PROTEL |
| • BEDDY | • PROXIMA |
| • CIAO MANAGER | • SCRIGNO |
| • DIRECT HOLIDAY | • SOFTHOTEL |
| • HOTEL RUNNER | • SUITE 4 |
| • KROSS BOOKING | • SYSDAT |
| • LEONARDO | |

Integration with air conditioning systems.

Through dedicated interfaces, the KNX standard communicates with the most widespread air conditioning systems, ensuring centralised management and improved energy efficiency.



Integrated access control.

Vimar's range interfaces with electronic room access systems, delivering a smooth user experience and coordinated management across the entire facility.



Limitless lighting management.

Integration with major lighting technology systems is powered by the KNX standard, providing ultimate design flexibility and operational versatility.



New Tactil landing panel developed on KNX Secure technology.



The new Tactil landing panel, based on KNX Secure technology, combines design, security and ease of use. Featuring an integrated RFID reader and Bluetooth® technology, it enables room access via smart card or directly from a smartphone using the View Key App.

- **Elegant** ceramic glass front cover in black or white finish;
- **IP55 protection degree**, also ideal for outdoor environments;
- **Easy installation**, on 2-module round mounting boxes or 3-module rectangular mounting boxes (horizontal or vertical);



View Suite

Manager:
Access
authorisation and
management.



View Key

Guest:
Door/gate
opening
(entrances).



A user-friendly experience for everyone.

Room number (optional)

- Up to 4 characters maximum;
- Numbers and ASCII letters can be engraved.

Bell push button (optional)

3 luminous icons for signalling:

Make up Room, General services, Do Not Disturb

Customisable icon with a series of 3 icons



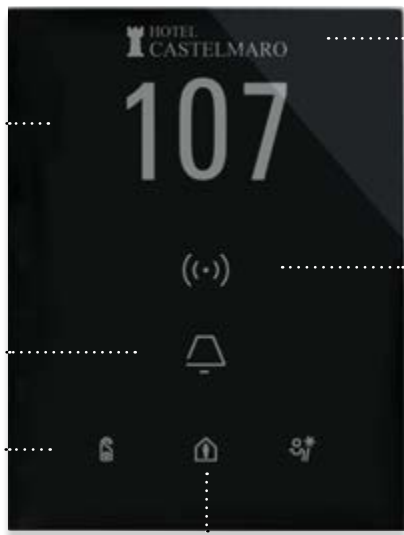
Guest in room



Laundry service



General service



Customised logo (optional)

For **KNX secure standard** version, RFID reader for card or smartphone via the **View Key* App**.



View Key



Graphic elements with RGB LED backlighting.

Further news in access control.



New access control devices with **KNX Secure** technology, designed to guarantee high standards of security and flexibility. **Landing readers** and **readers with card pockets** that integrate seamlessly into systems, offering perfectly matching styling with **Vimar wiring series**. Furthermore, the integrated Bluetooth module allows smartphones and the View Key App to be used for secure, cardless access to rooms.

Landing card reader.

- 2 modules for enhanced installation flexibility.
- Front LED for status indication and access management.
- Virtual credentials with the **View Key** App for access via smartphone.



View Key



Internal card reader with pocket.

- 2-module body for enhanced installation flexibility.
- Pocket lighting to be visible in darkness.

View Key* App for smart access.

- The App allows users to open doors to rooms and communal areas directly from their smartphone, while enabling the facility manager to handle access on the part of guests or customers on-line via the View Suite software.



View Key



New Tactil landing panel for integration with By-me Plus technology.



The expanded hospitality portfolio introduces a version of the landing panel tailored for By-me Plus technology. A scalable, modular solution designed for smaller accommodation facilities with more straightforward requirements.

- **Elegant** ceramic glass front cover in black or white finish;
- **IP55 protection degree**, also ideal for outdoor environments;
- **Easy installation**, on 2-module round mounting boxes or 3-module rectangular mounting boxes (horizontal or vertical);



A user-friendly experience for everyone.

Room number (optional)

- Up to 4 characters maximum;
- Numbers and ASCII letters can be engraved.

Customised logo (optional)

Bell push button (optional)

3 luminous icons for signalling:
Make up Room, General services*, Do Not Disturb

Customisable icon with a series of 3 icons

Guest in room

Laundry service

General service

Graphic elements with RGB LED backlighting.



New actuators to expand system functionality.

To meet the demands of By-me Plus system installations, two new compact actuators are available to control various functions within guest rooms or communal areas of the facility, including lights, roller shutters and climate control.

Multi-function actuator with 12 relay outputs.

To control lights, roller shutters, zone valves or fan coils. Just 6 modules for DIN rail installation providing 12 outputs and 2 digital inputs.



Fan coil control actuator.

4 modules for DIN rail installation, as well as directly on board the device; configures and manages the vast majority of fan coil units.



By-me Plus and KNX integration routers.

Two By-me Plus/KNX routers (TP and IP) that interface a By-me Plus system with building infrastructure based on KNX standard devices.



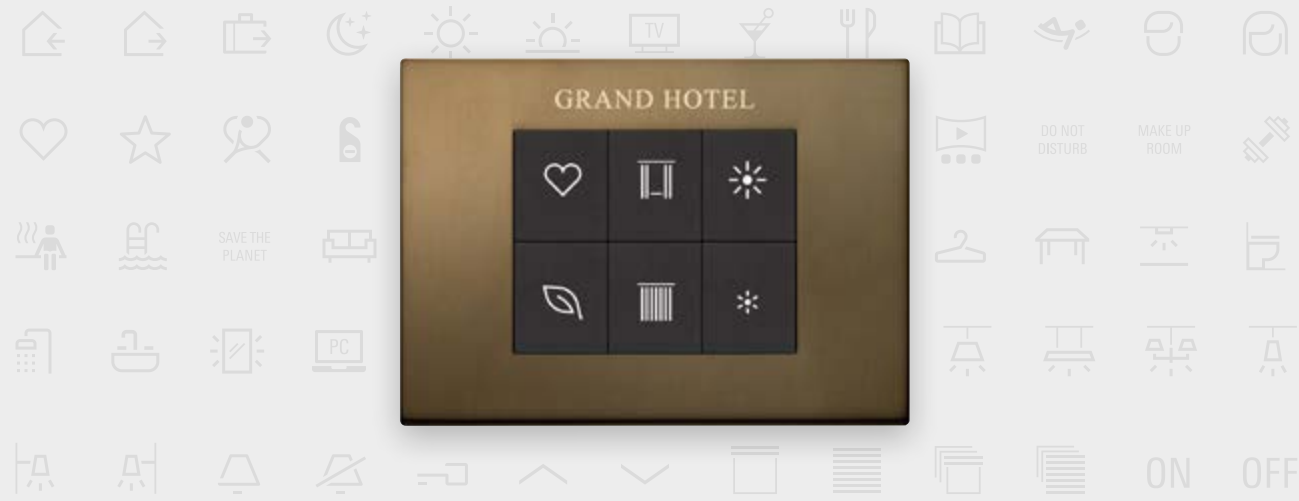
Diverse functions for a smart room.

Vimar solutions enable smart room management, ensuring security, comfort and reduced energy consumption.



Welcome to your room.

Controls can activate pre-configured, customisable scenarios.



An extensive symbol library to create an intuitive user experience.

The controls are highly customisable. Laser technology in fact makes it possible to replicate any symbol accurately choosing from an extensive gallery of pictograms that identify the most widespread functions. Thanks to the RGB LED technology, you can choose the colour of the backlighting to create totally coordinated interfaces.



Smart stay management.

Presence detectors activate room functions only when the space is occupied, optimising energy consumption.



Customised climate control and room status.

Guests can effortlessly adjust temperatures in the bedroom and bathroom independently, while staff gain immediate visibility into room status.



Multimedia and connectivity.

Integrated power supply socket outlets and USB ports allow guests to fast-charge smartphones, tablets and other personal devices directly in their room. A simple yet increasingly valued solution that enhances overall comfort.



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Building automation



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Home automation



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NEW FOR THE HOSPITALITY WORLD

KNX Secure  - Examples of standard systems



Hotel with KNX system for access control, automating lights and roller shutters and climate control.

The example shows a KNX system in a hotel where the **check-in/check-out** functions are managed from the PC at reception with **View Suite** software installed. The transponder readers installed outside the rooms are associated with the following room status signals:

- guest in room;
- room occupied or “Do not Disturb”;
- make up room;
- card recognition signalling.

Inside the rooms, a badge pocket activates the lights and temperature control system upon transponder card insertion, while simultaneously signalling room occupancy to staff. Magnetic contacts are also installed to detect open windows, automatically switching off the temperature control system to maximise energy savings. Dedicated actuators can be added to match the specific type of air conditioning system. Finally, Linea KNX home automation controls 30583 (or 01583 for Vimar’s other wiring series) are used to manage the lights or call for room service rather than have the room cleaned.



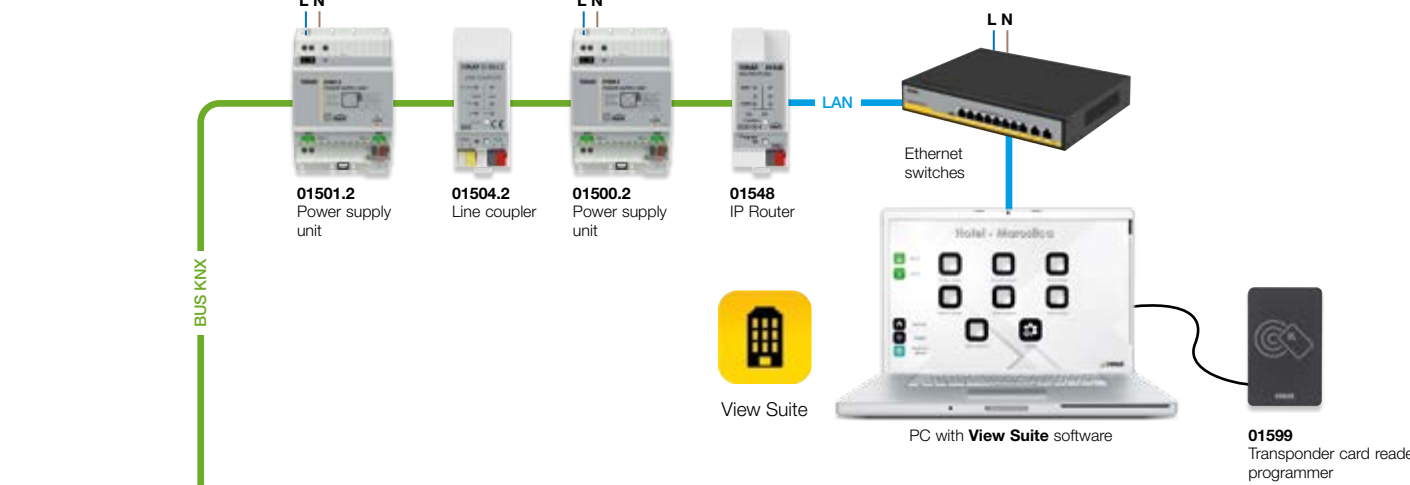
NEW FOR THE HOSPITALITY WORLD

KNX Secure  - Examples of standard systems

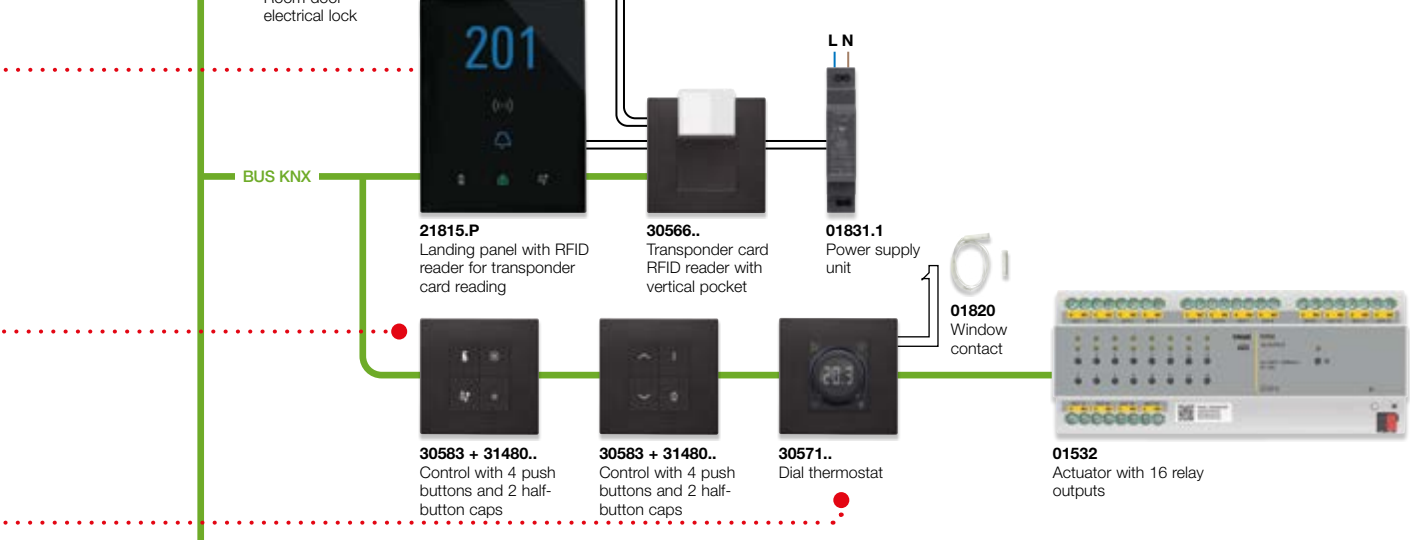


Hotel with KNX system for access control, automating lights and roller shutters and climate control.

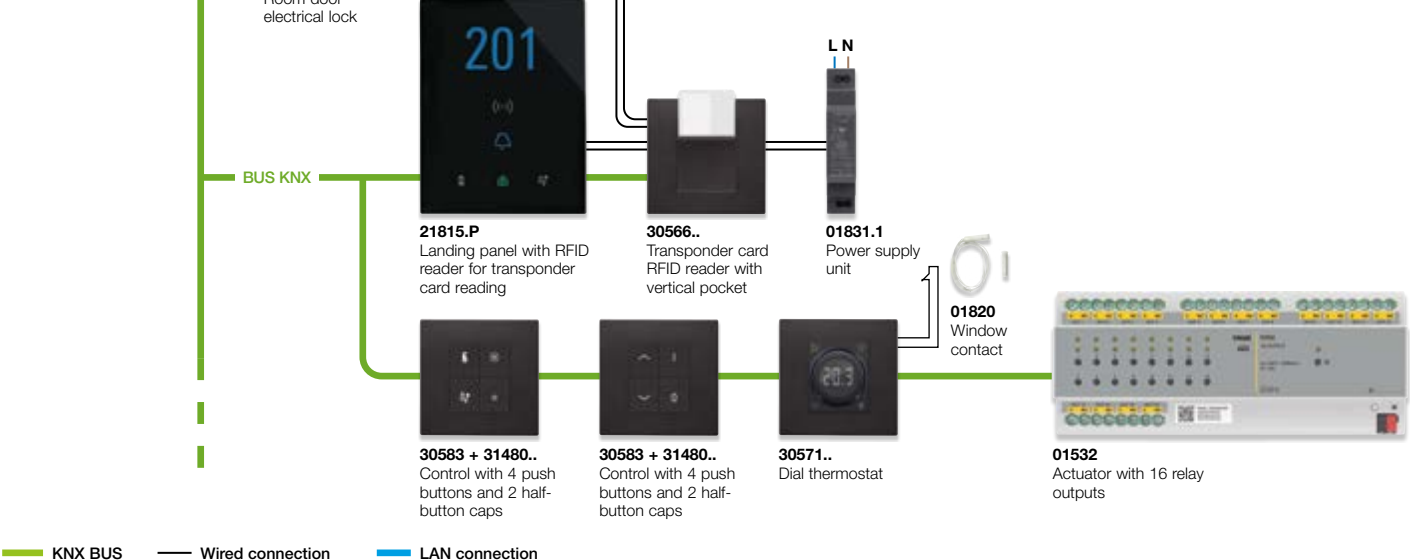
RECEPTION



ROOM 201



ROOM 202



KNX BUS Wired connection LAN connection

Hotel with KNX system integrated with third-party access systems via electronic handle.

The example illustrates a KNX system within a hotel, integrated with **an electronic handle access control system**.

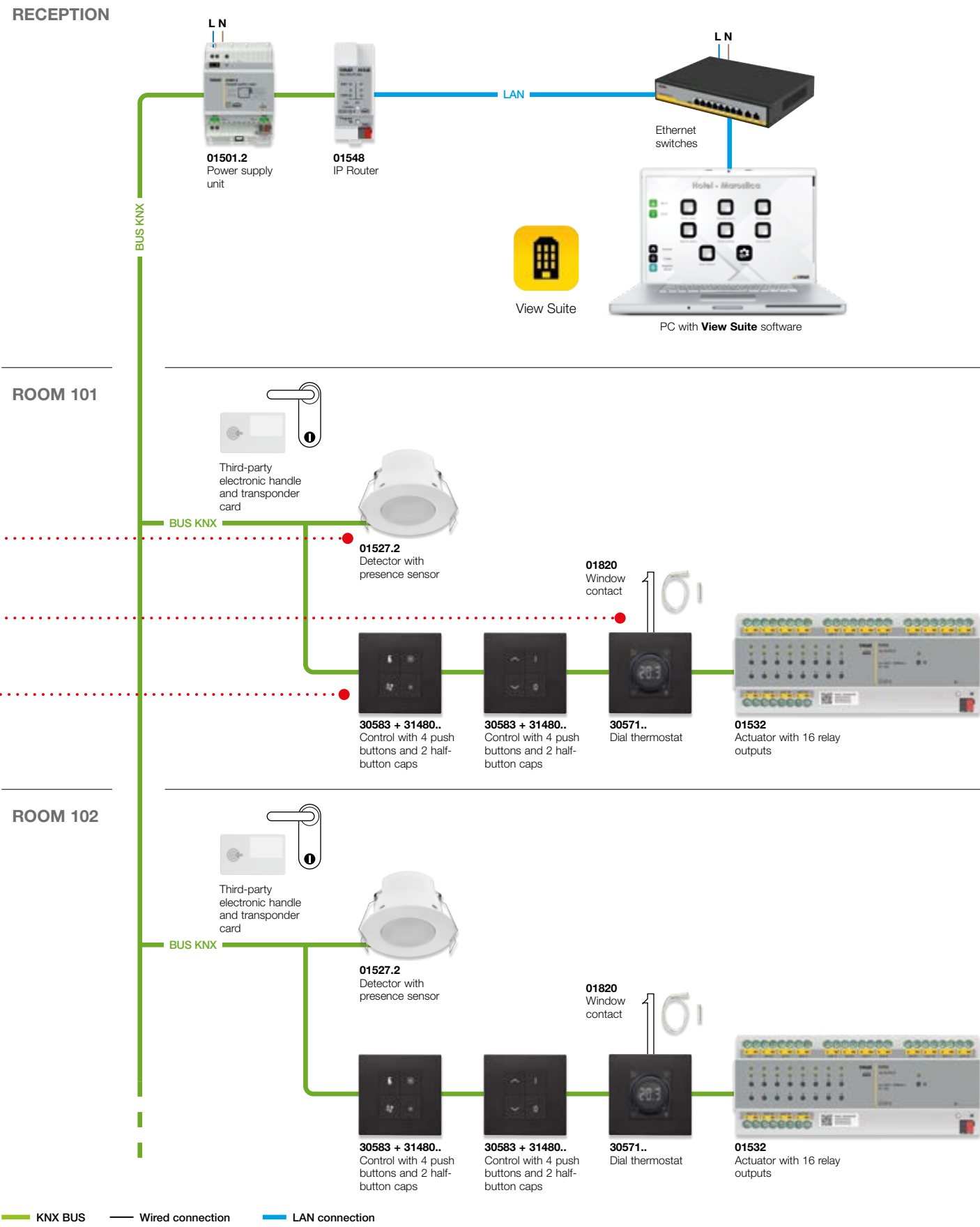
In each room, the lights and roller shutter automation is managed by **actuator 01532**, equipped with 16 multi-function outputs with on-board actuator.

The Linea dial thermostat 30571 (or 02972 for Vimar's other wiring series) controls the temperature in the room and, as it is connected to the window contact 01820 that signals if the window is open, it automatically switches off the temperature control system to ensure greater energy saving.

The whole KNX system is monitored from reception using a PC with **View Suite** software installed, while the accesses are managed by a third-party system with electronic handle.



Hotel with KNX system integrated with third-party access systems via electronic handle.



NEW FOR THE HOSPITALITY WORLD

KNX Secure  - Examples of standard systems



Hotel with a KNX system integrated with centralised air handling unit (AHU) control via the BACnet® protocol.

The example shows a KNX system in a hotel where the **check-in/ check-out** functions are managed from the PC at reception with **View Suite** software installed. Additionally, through **BACnet®** message exchange, View Suite software enables the integration of air handling units (AHUs) with air conditioning control devices (in this case, KNX thermostats). The BACnet® protocol enables centralised control and interoperability of air handling units. The transponder readers installed outside the rooms are associated with the following room status signals:

- guest in room;
- room occupied or “Do not Disturb”;
- make up room;
- card recognition signalling.

Inside the rooms, a badge pocket activates the lights and temperature control system upon transponder card insertion, while simultaneously signalling room occupancy to staff. Magnetic contacts are also installed to detect open windows, automatically switching off the temperature control system to maximise energy savings. Dedicated actuators can be added to match the specific type of air conditioning system. Finally, Linea KNX home automation controls 30583 (or 01583 for Vimar’s other wiring series) are used to manage the lights or call for room service rather than have the room cleaned.

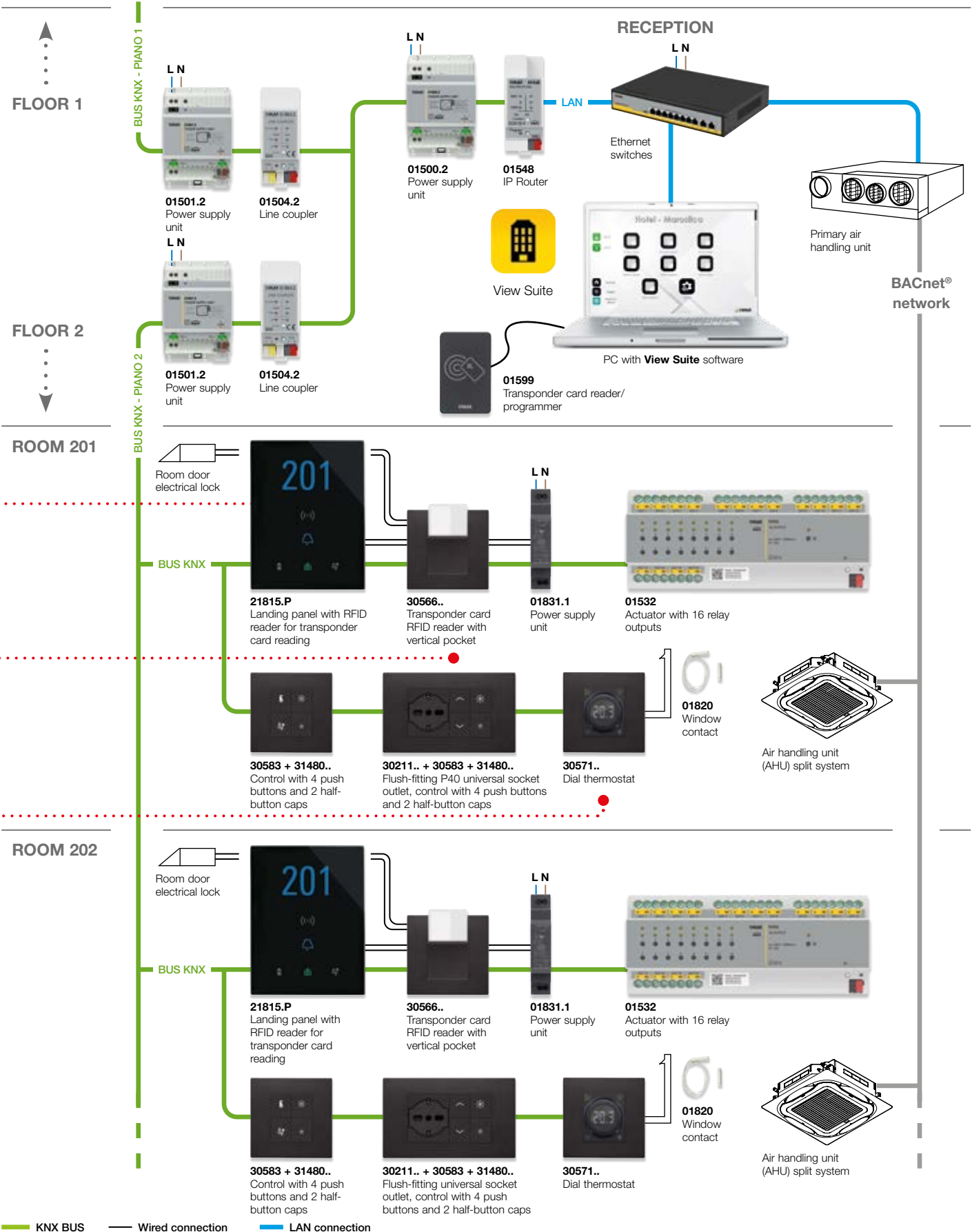


NEW FOR THE HOSPITALITY WORLD

KNX Secure  - Examples of standard systems



Hotel with a KNX system integrated with centralised air handling unit (AHU) control via the BACnet® protocol.



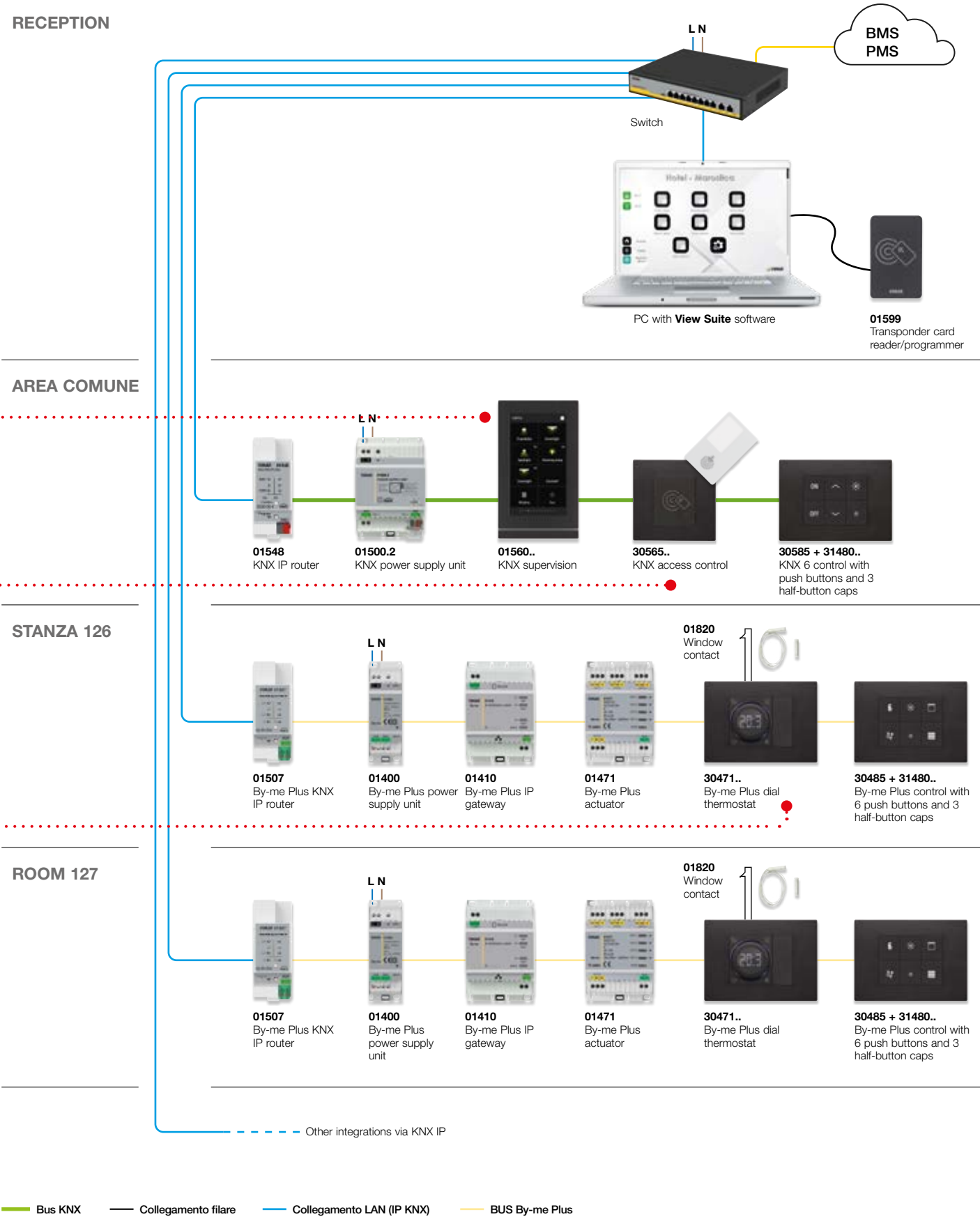
Typical system: hotel where every room consists of a By-me Plus system connected to the KNX IP backbone through By-me Plus/KNX IP Router.

The example illustrates a KNX system within a hotel, integrated with KNX and By-me Plus systems via router (01506 and 01507). In each room, the lights, roller shutters and climate control is managed by actuator 01471, equipped with 4 multi-function relay outputs. The Linea dial thermostat 30471 (or 02971 for Vimar's other wiring series) controls the temperature in the room and, as it is connected to the window contact (01820) that signals if the window is open, it automatically switches off the temperature control system to ensure greater energy saving.

In communal areas, access control, lights and roller shutters are managed by KNX devices and a 5" Touch screen supervisor (01560). The whole KNX system is monitored from reception using a PC with View Suite software installed, while the accesses are managed by a third-party system with electronic handle.



Typical system: hotel where every room consists of a By-me Plus system connected to the KNX IP backbone through By-me Plus/KNX IP Router.



NEW FOR THE HOSPITALITY WORLD

KNX Secure - Building automation



Tactil landing panel with RFID reader

Customisable landing panel in ceramic glass with IP55 protection degree, featuring touch controls and backlit icons (all independent and RGB) to signal room status, along with an RFID transponder card reader. The landing panel is provided with an input for connecting an ON/OFF type contact. The front of the panel may feature luminous signalling to display the “Service request”/“Presence in room”, “Make Up Room” and “Do Not Disturb” status. It can be customised with luminous signalling for the accommodation facility's logo and room number. Additionally, an optional bell push button is available, which also indicates whether a guest is present in the room. All signals can be customised with different, independent colours via RGB LEDs, and brightness levels can be set for day and night modes. Access is managed by the **View Suite** software and room entry can be granted via a Mifare DesFire EV3 card (art. 01817) or a smartphone with Bluetooth® technology via the **View Key** App (function with View Key App available from January 2027).

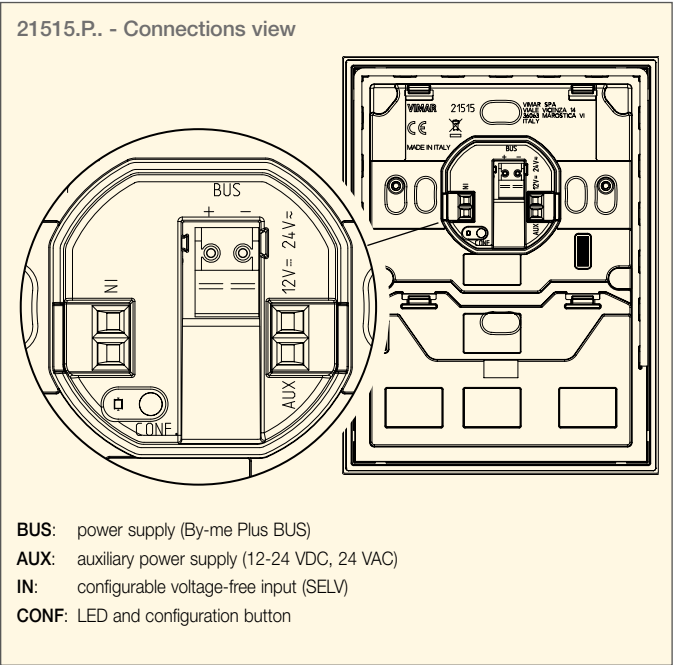
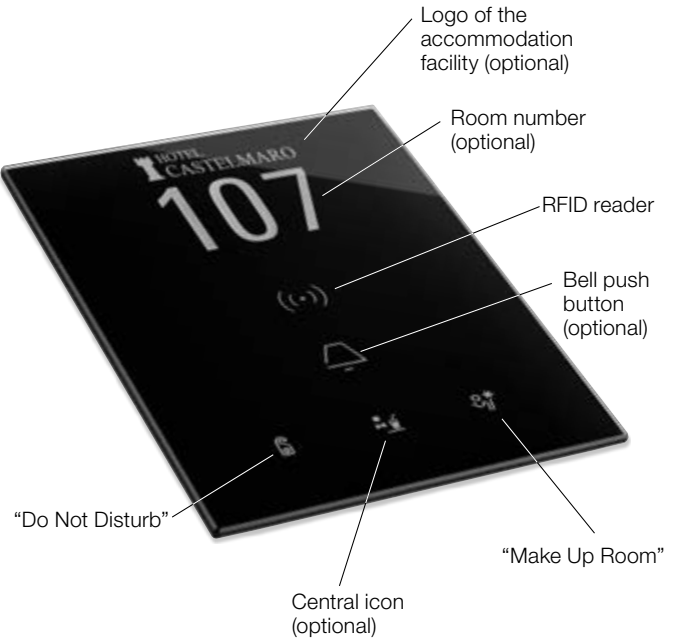
Main characteristics

- Rated power supply: BUS 29 V 10 mA, TP1-256;
- auxiliary power supply: 12-24 VDC, 24 VAC, 200 mA max;
- Terminals:
 - 2, for the KNX BUS;
 - 2, for the auxiliary power supply;
 - 2, for voltage-free digital input (SELV) with configurable function to send controls (ON, OFF, Toggle, call up and save scenario, dimmer and roller shutter);
- reader using RFID technology @ 13.56 MHz, ISO14443A standard for Mifare DesFire EV3 cards (art. 01817). Frequency range from 11.810 MHz to 15.310 MHz and transmitted RF power below < 60 dBµA/m;
- operating temperature: -25 °C ÷ +55°C (outdoor use)
- protection degree: IP55;
- the device can be installed in a 2-module flush mounting box, 2-module British Standard and 3-module vertical or horizontal flush mounting boxes, using the mounting frame supplied with the panel;
- the device is **KNX Data Secure** and is equipped with a dedicated QR code for configuration with ETS software (version 5.5 and later) during configuration.

Regulatory compliance

RED Directive. RoHS directive.
Standards EN IEC 60669-2-1, EN IEC 63044, EN 50491, EN 300 330, EN 301 489-3, EN 300 328, EN 301 489-17, EN IEC 62479, EN IEC 63000.
Vimar SpA declares that the radio equipment complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is on the product sheet available on the following website: www.vimar.com
REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

Signals and customisations	
Logo of the accommodation facility (optional)	
Room number (optional), up to 4 alphanumerical characters	
RFID reader	
Bell push button (optional)	
“Do Not Disturb”	
“Make Up Room”	
Central icon (optional) for one of the following services:	
Presence in room	
Laundry service	
Room service	



NEW FOR THE HOSPITALITY WORLD

KNX Secure - Building automation



Tactil landing panel with RFID reader

▲ 21815.P	RFID landing panel with RFID reader, KNX Secure standard, number/logo indication and room status signalling: do not disturb, room service and make up room, RGB LED backlighting with brightness control, 12-24 VDC, 24 VAC power supply, access management via View Suite software, entrance opening via card or smartphone via View Key App standard Bluetooth® technology, installation in vertical 2-module or 3-module box, black.
▲ 21815.BP	As above, white



NEW FOR THE HOSPITALITY WORLD

KNX Secure - Building automation



RFID landing reader

The device should be installed outdoors and near an entrance (for instance a hotel room, an office, etc.) and it grants access only if the transponder card associated with it is read and recognised. The reader is provided with a relay to control the door lock, to control a courtesy light, or for other uses; the device is moreover provided with a digital input for 1 contact (for example to control the switch for door opening and closing, a magnetic contact for signalling windows open or closed, ceiling pull alarm, etc.). There is an RGB LED on the front to signal the room statuses and transponder card recognition. The device is only compatible with the **View Suite** software for transponder card management.

Main characteristics

- Rated power supply: 30 VDC SELV, 5 mA
- auxiliary power supply: 12-24 V $\approx \pm 20\%$ SELV, 110 mA max;
- reader using RFID technology @ 13.56 MHz, ISO14443A standard for Mifare DesFire EV3 cards (art. 01817). Frequency range from 11.810 MHz to 15.310 MHz and transmitted RF power below < 60 dBμA/m;
- Terminals:
 - 2, for the TP BUS;
 - 2, for the auxiliary power supply;
 - 2, digital input for 1 NO or NC contact (voltage-free, SELV);
 - 2, output for 1 NO relay (SELV);
- Bluetooth frequency range: 2400-2483,5 MHz;
- Bluetooth RF transmission power: < 100 mW (20 dBm);
- operating temperature: -5 °C - +45 °C (indoor use);
- The device is **KNX Data Secure** and is equipped with a dedicated QR code for configuration with ETS software (version 5.5 and later) during configuration.
- firmware update via the View Wireless App;
- the reader contains only SELV circuits that must be kept separate from circuits with dangerous voltage.

LED indications

Access and transponder card management

Steady green	Signalling “Entry allowed” (the LED remains on for approximately 3 s).
Flashing green	Signalling if the time frame is not valid (the LED flashes for approximately 3 s).
Steady red	Signalling “Entry denied” (the LED remains on for approximately 3 s).
Flashing red	Signalling if the expiry date is not valid.
Alternating amber/red	Signalling if the system coding is not valid.
Flashing amber	Signalling if the day of the week is not valid.
Flashing green/red	Synchronise the device’s internal clock. This indication takes priority over all others.

Room status (in descending priority)

Steady red	“Do not disturb” or in KNX configuration.
Steady amber	Signalling “Room service call”.
Steady white	Signalling “Room occupied”.
Steady green	Signalling “Make up room”.

Other signals

Flashing blue	Awaiting firmware update (via the View Wireless App). To enable this function, press the front button for 5 s until it starts flashing.
Steady blue	Firmware update in progress.
Steady green	KNX firmware update in progress.

Controllable loads

- Voltage-free contact output, SELV (to operate only low voltage loads such as gates/locks/solenoid valves):
 - AC-1 4 A 12/24 V IEC 60947-4-1
 - DC-1 4 A 12/24 V IEC 60947-4-1
 - DC-13 0.8 A 24 V IEC 60947-5-1

Operation

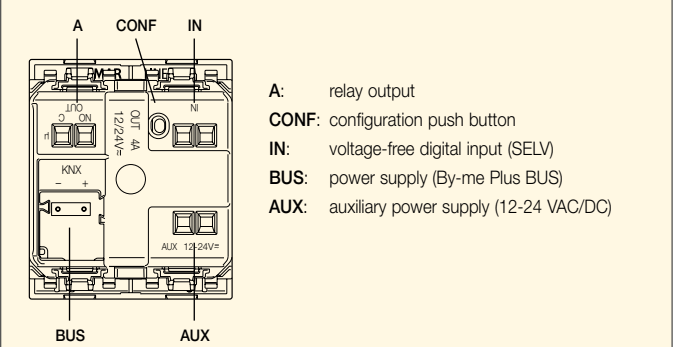
The configuration of the reader, physical address and parameters (NO or NC contact input, normal or timed relay output, etc.) is done with the ETS software. The transponder card is read by placing it in front of the reader, which checks the following in sequence:

- “system code” (whether consistent);
- “date” field (if enabled, it checks whether the validity has expired);
- “password” (checks all the codes associated with it and enabled, such as guest code, service code, time slots).

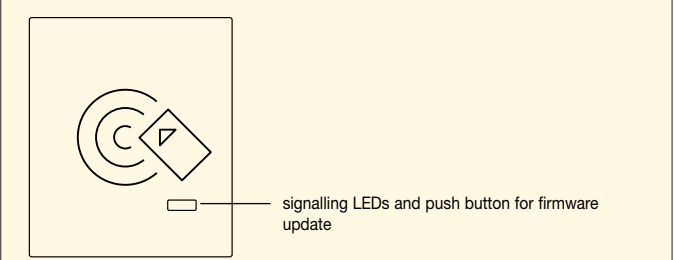
Regulatory compliance

RED Directive. RoHS directive.
EN IEC 60669-2-1, EN IEC 63044, EN 50491, EN 300 330, EN 301 489-3, EN IEC 62479, EN IEC 63000, EN 300 328, EN 301 489-17, EN 62311 standards.
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REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

Connections view



Front view



NEW FOR THE HOSPITALITY WORLD

KNX Secure - Building automation



RFID landing reader

- ▲ **20475..** RFID smart card landing reader for installation outside rooms, KNX Secure standard, 1 NO 4 A 12/24 V~ 50-60 Hz and 12-24 VDC (SELV) relay output, 1 input for NO contacts, supplementary 12-24 V~ 50-60 Hz and 12-24 VDC (SELV) power supply - 2 modules. Supplied without RFID smart card
- ▲ **30565..**
- ▲ **19475..**
- ▲ **14475**
- ▲ **20475.TR..** As above, tropicalised for indoor use from -5 °C to + 45 °C
- ▲ **30565.TR..**
- ▲ **19475.TR..**
- ▲ **14475.TR**

EIKON



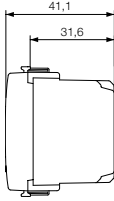
▲ **20475**
▲ **20475.TR**
grey



▲ **20475.B**
▲ **20475.TR.B**
white



▲ **20475.N**
▲ **20475.TR.N**
Next



LINEA



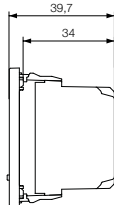
▲ **30565.G**
▲ **30565.TR.G**
black



▲ **30565.B**
▲ **30565.TR.B**
white



▲ **30565.C**
▲ **30565.TR.C**
canvas



ARKÉ



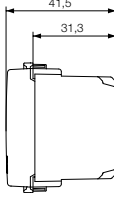
▲ **19475**
▲ **19475.TR**
grey



▲ **19475.B**
▲ **19475.TR.B**
white



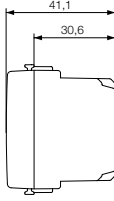
▲ **19475.M**
▲ **19475.TR.M**
Metal



PLANA



▲ **14475**
▲ **14475.TR**
white



Transponder card

- 01817** Mifare DesFire EV3 transponder card.
Customisation: see Commercial Catalogue



01817

NEW FOR THE HOSPITALITY WORLD

KNX Secure - Building automation



RFID transponder card reader with vertical pocket

The device should be installed indoors (for instance a hotel room, an office, etc.) and allows the activation of utilities only if the transponder card associated with it is read and recognised. In addition, it can distinguish between the presence in the room of guests or staff members.

The reader is provided with a relay to control the door lock, to control a courtesy light, or for other uses; the device is provided with a digital input for 1 contact (for example to control the switch for door opening and closing, a magnetic contact for signalling windows open or closed, ceiling pull alarm, etc.). The device is only compatible with the **View Suite** software for transponder card management.

Main characteristics

- Rated power supply: 30 VDC SELV, 5 mA
- auxiliary power supply: 12-24 V $\approx \pm 20\%$ SELV, 110 mA max;
- reader using RFID technology @ 13.56 MHz, ISO14443A standard for Mifare DesFire EV3 cards (art. 01817). Frequency range from 11.810 MHz to 15.310 MHz and transmitted RF power below < 60 dB μ A/m;
- Terminals:
 - 2, for the TP BUS;
 - 2, for the auxiliary power supply;
 - 2, digital input for 1 NO or NC contact (voltage-free, SELV);
 - 2, output for 1 NO relay (SELV);
- Bluetooth frequency range: 2400-2483,5 MHz;
- Bluetooth RF transmission power: < 100 mW (20 dBm);
- operating temperature: -5 °C - +45 °C (indoor use);
- the device is **KNX Data Secure** and is equipped with a dedicated QR code for configuration with ETS software (version 5.5 and later) during configuration.
- firmware update via the View Wireless App;
- the reader contains only SELV circuits that must be kept separate from circuits with dangerous voltage.

Pocket lighting LED indication

On	The transponder card is not inserted. The colour of the LED can be set on ETS.
Off	The transponder card is inserted and recognised (normal operation).
Flashing red	The transponder card is not recognised and therefore the functions are not activated. If the device is not configured, the pocket always flashes red.
Flashing green/red	Synchronise the device's internal clock.
Steady red	Device in configuration (switches off automatically at the end of the device configuration).

Other signals

Flashing blue	Awaiting firmware update via the View Wireless App. To enable this function, press the front button for 5 s until it starts flashing.
Steady blue	Firmware update in progress.
Steady green	KNX firmware update in progress.

Controllable loads

- Voltage-free contact output, SELV (to operate only low voltage loads such as gates/locks/solenoid valves):
 - AC-1 4 A 12/24 V IEC 60947-4-1
 - DC-1 4 A 12/24 V IEC 60947-4-1
 - DC-13 0.8 A 24 V IEC 60947-5-1

Operation

The configuration of the reader, physical address and parameters (NO or NC contact input, normal or timed relay outputs, etc.) is done with the ETS software.

The transponder card is read by putting it into the special pocket that is always illuminated when there is no card in it.

After inserting the card, the device checks the following in sequence:

- "system code" (whether consistent)
- "date" field (if enabled, it checks whether the validity has expired);
- "password" (checks all the codes associated with it and enabled, such as guest code, service code, time slots).

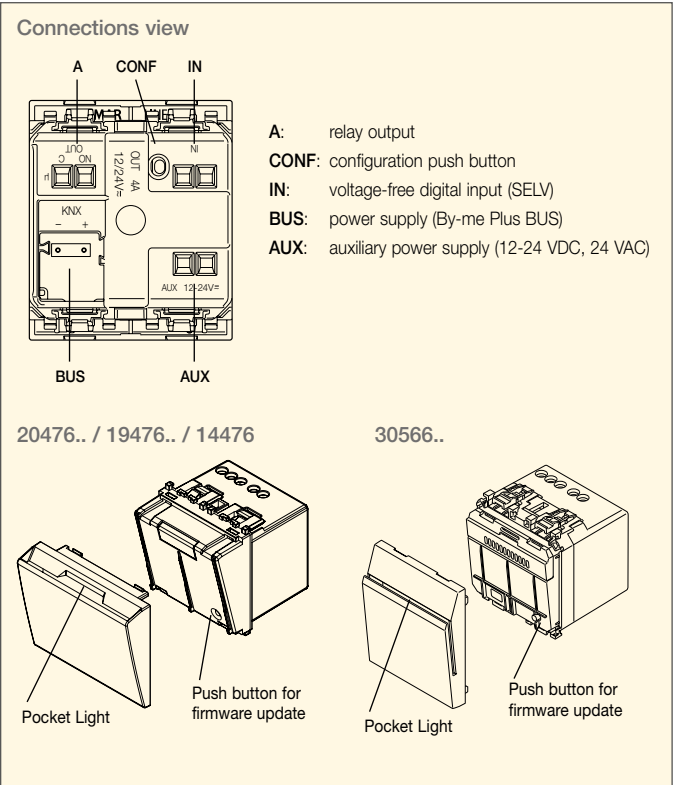
Regulatory compliance

RED Directive. RoHS directive.

EN IEC 60669-2-1, EN IEC 63044, EN 50491, EN 300 330, EN 301 489-3, EN IEC 62479, EN IEC 63000, EN 300 328, EN 301 489-17, EN 62311 standards.

Vimar SpA declares that the radio equipment complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is on the product sheet available on the following website: www.vimar.com

REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.



NEW FOR THE HOSPITALITY WORLD

KNX Secure - Building automation



RFID transponder card reader with vertical pocket

- ▲ 20476.. RFID smart card reader with vertical pocket for installation inside rooms, KNX Secure standard, 1 NO 4 A 12/24 V~ 50-60 Hz and 12-24 VDC (SELV) relay output, 1 input for NO contacts, supplementary 12-24 V~ 50-60 Hz and 12-24 VDC power supply (SELV) - 2 modules
- ▲ 30566..
- ▲ 19476..
- ▲ 14476

EIKON



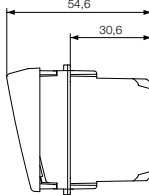
▲ 20476
grey



▲ 20476.B
white



▲ 20476.N
Next



LINEA



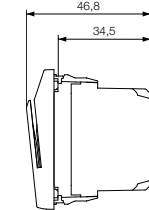
▲ 30566.G
black



▲ 30566.B
white



▲ 30566.C
canvas



ARKÉ



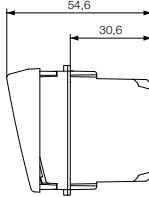
▲ 19476
grey



▲ 19476.B
white



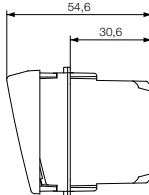
▲ 19476.M
Metal



PLANA



▲ 14476
white



Transponder card

- 01817 Mifare DesFire EV3 transponder card. Customisation: see Commercial Catalogue



01817

NEW FOR THE HOSPITALITY WORLD

KNX Secure - Building automation



RFID transponder card reader/programmer

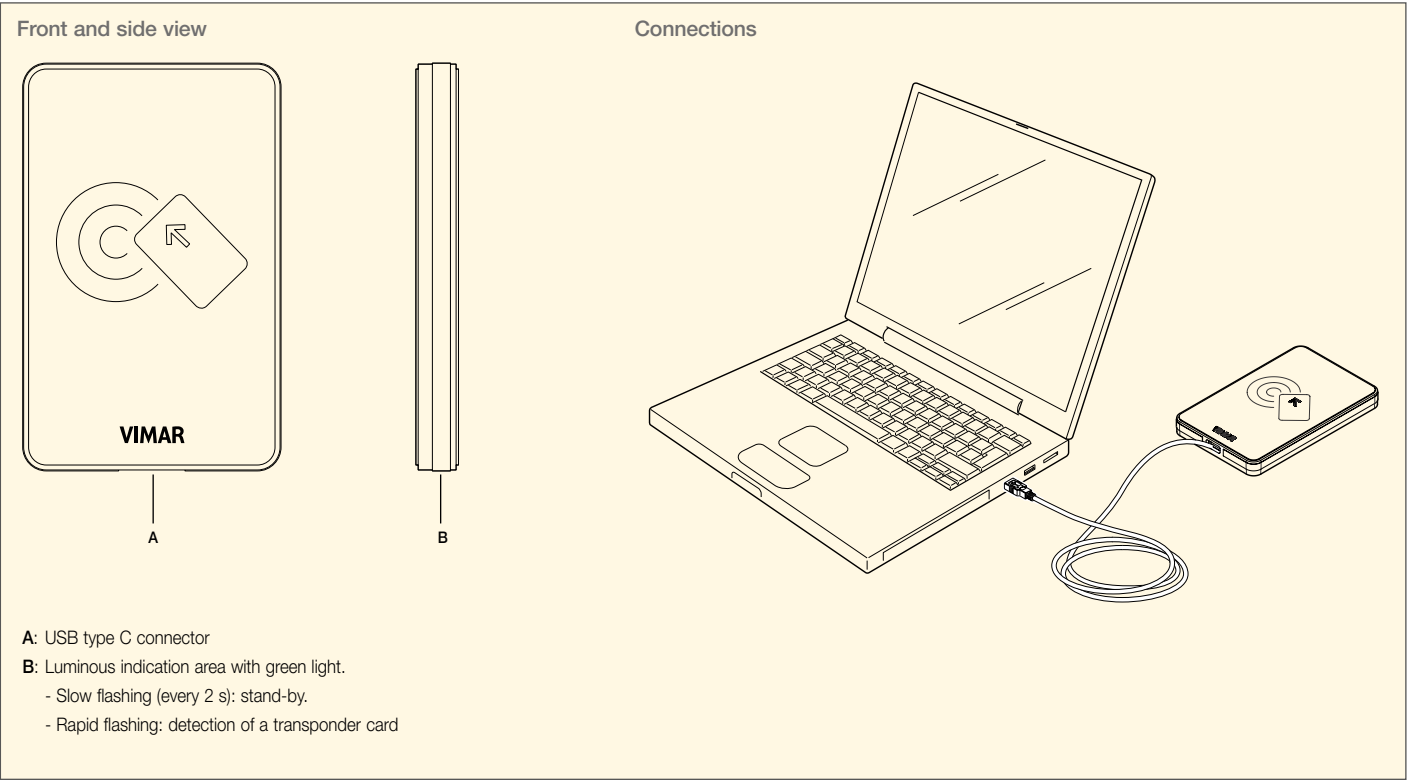
The device enables programming and encoding of transponder cards for use with RFID readers art. 30565., 20475, 19475, 14475 and RFID readers with pocket 30566.x, 20476, 19476, 14476. The reader/programmer must be used in combination with a personal computer with the View Suite software for creating and managing the data required to configure the cards according to the various requirements needed. The USB cable for connection to the PC is supplied as standard.

Main characteristics

- Power supply from port 5 V 300 mA;
- Maximum transponder card reading distance: 13 cm;
- reader using RFID technology @ 13.56 MHz, ISO14443A standard for Mifare DesFire EV3 cards (art. 01817).
- operating temperature: -5 °C - +45 °C (indoor use);
- supplied with USB cable with type A connector for connection to the PC and type C connector for connection to the programmer;
- with buzzer for PC connection signalling.

Regulatory compliance

RED Directive.
EN 62368-1, EN 55035, EN 55032, EN 300 330, EN 301 489-3, EN 62479 standards.
Vimar SpA declares that the radio equipment complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is on the product sheet available on the following website: www.vimar.com
REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.



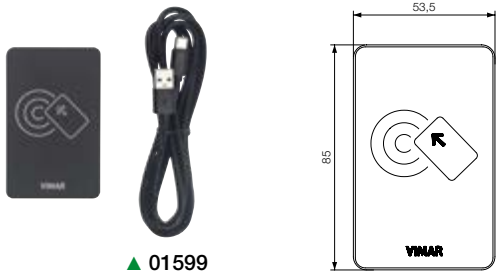
NEW FOR THE HOSPITALITY WORLD

KNX Secure - Building automation



RFID transponder card reader/programmer

▲ 01599 RFID smart card programmer/reader, complete with USB-C connection cable



Reader/programmer kit and PC

▲ 0K01599 KIT containing: 1 RFID smart card programmer 01599 with 1 desktop personal computer



Transponder card

01817 Mifare DesFire EV3 transponder card.
Customisation: see Commercial Catalogue



NEW FOR THE HOSPITALITY WORLD

By-me Plus  - Home automation



Tactil landing panel

Customisable landing panel in ceramic glass with IP55 protection degree, featuring touch controls and backlit icons (all independent and RGB) to signal room status. The landing panel is provided with an input for connecting an ON/OFF type contact. The front of the panel may feature luminous signalling to display the “Service request”/“Presence in room”, “Make Up Room” and “Do Not Disturb” status. It can be customised with luminous signalling for the hotel logo and room number. Additionally, an optional bell push button is available, which also indicates whether a guest is present in the room. All signals can be customised with different, independent colours via RGB LEDs, and brightness levels can be set for day and night modes.

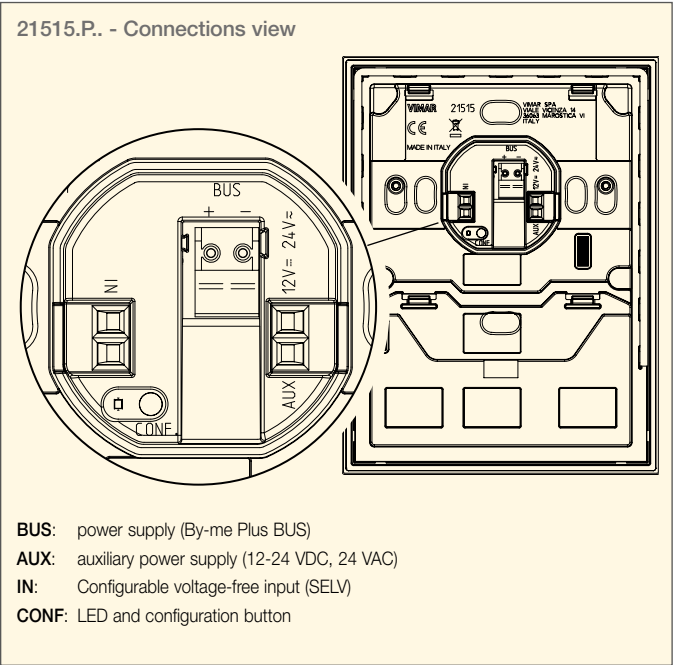
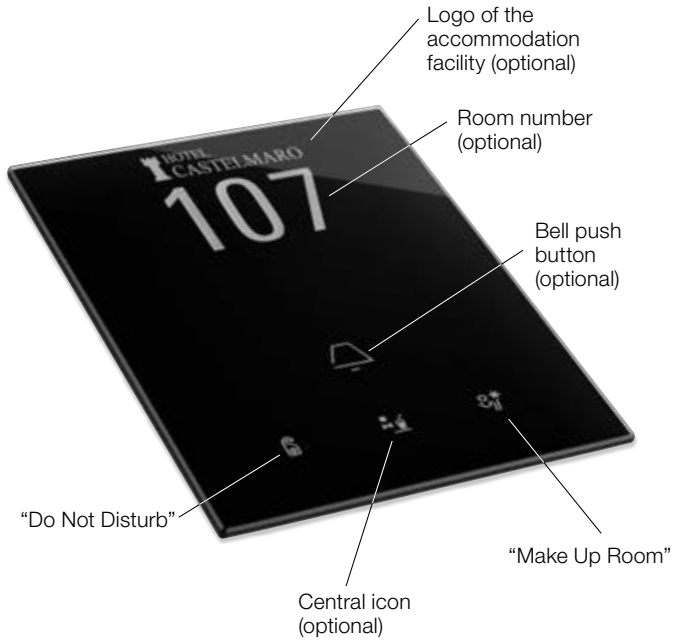
Main characteristics

- Rated power supply: 29 V 10 mA BUS;
- auxiliary power supply: 12-24 VDC, 24 VAC, 200 mA max;
- Terminals:
 - 2, for the By-me Plus BUS;
 - 2, for the auxiliary power supply;
 - 2, for voltage-free digital input (SELV) with configurable function to send controls (ON, OFF, Toggle, call up and save scenario, dimmer and roller shutter);
- operating temperature: -25 °C ÷ +55°C (outdoor use)
- protection degree: IP55;
- The device can be installed in a 2-module flush mounting box, 2-module British Standard and 3-module vertical or horizontal flush mounting boxes, using the mounting frame supplied with the panel;
- The device should be configured with the home automation system gateway 01410-01411 and the View Pro App.

Regulatory compliance

EMC directive. RoHS directive.
Standards EN IEC 60669-2-1, EN IEC 63044, EN 50491, EN IEC 63000.
REACH (EU) Regulation no. 1907/2006 – art. 33. The product may contain traces of lead.

Signals and customisations	
Logo of the accommodation facility (optional)	
Room number (optional), up to 4 alphanumerical characters	
Bell push button (optional)	
“Do Not Disturb”	
“Make Up Room”	
Central icon (optional) for one of the following services:	
Presence in room	
Laundry service	
Room service	



NEW FOR THE HOSPITALITY WORLD

By-me Plus  - Home automation



Tactil landing panel

▲ 21515.P	Tactil landing reader, number/logo indication and room status signalling: do not disturb, room service and make up room, RGB LED backlighting with brightness control, 12-24 VDC, 24 VAC power supply, installation in vertical 2- module or 3-module box, black.
▲ 21515.BP	As above, white



NEW FOR THE HOSPITALITY WORLD

By-me Plus - Home automation



Multi-function actuator with 12 relay outputs

Electronic control actuator with 2 programmable inputs to control lights, roller shutters and recall a scenario, and 12 programmable outputs to control lights, roller shutters with slat orientation, climate control and circulation pump. The actuator features push buttons for manually controlling the outputs, a general push button for enabling/disabling manual controls, and signalling LEDs indicating the status of the outputs.

Main characteristics

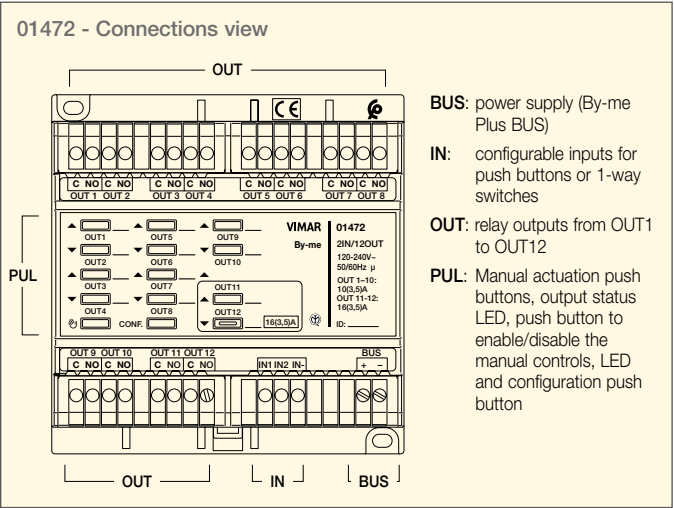
- Rated power supply: 29 V 7.5 mA BUS;
- dissipated power: 4 W;
- 12 relay outputs (C-NO) for controlling lights, roller shutters and climate control; relay pairs 1+2, 3+4, 5+6, 7+8, 9+10 and 11+12 can be grouped for roller shutter control. Output 1 can be used to control the circulation pump.
- 2 configurable inputs for connecting switches or push buttons. The 2 inputs can be used individually or grouped together;
- push buttons for manual relay control;
- push button to enable/disable the manual controls;
- LED for output status;
- LED and configuration push button;
- protection degree: IP20;
- operating temperature: -5 °C ÷ +45°C (indoor use);
- dimensions: 6 modules size 17.5 mm;
- Actuator 01472 should be configured with the home automation system gateway 01410-01411 and the View Pro App.

Controllable loads

- Relay output (120 - 240 V~ controllable loads, NO contact):
 - from OUT1 to OUT10: heating load 10 (3.5) A (100,000 cycles)
 - OUT11 and OUT12: heating load 16 (3.5) A (100,000 cycles);
- from OUT1 to OUT12:
 - LED lamps  : 100 W-240 V~, 30 W-120 V~ (20,000 cycles);
 - cos ø 0.6 motors: 3.5 A (20,000 cycles).

Regulatory compliance

LV Directive. EMC directive. RoHS directive.
Standards EN IEC 60669-2-1, EN IEC 63044, EN 50491, EN IEC 63000.
REACH (EU) Regulation no. 1907/2006 – art. 33. The product may contain traces of lead.



Actuator for fan coil control and other services

Electronic control actuator equipped with 7 programmable outputs: 1 output for 3-speed and proportional fan coil, 2 proportional analogue outputs with re-scalable voltage, 2 relay outputs with function to control lights, fan coil, climate control, accesses and sprinkler system. The actuator features push buttons for manually controlling the outputs, a general push button for enabling/disabling manual controls, and signalling LEDs indicating the status of the outputs. An input is available for the connection of a remote temperature probe positioned on the fan coil battery so that the fans are only enabled if the temperature is appropriate. Combined with By-me temperature probes and thermostats, the actuator allows you to make a modulating room thermostat in class V (3% contribution).

Main characteristics

- Rated power supply: 29 V 20 mA BUS;
- Dissipated power: 2 W;
- 1 relay output (C-OUT1/2/3) for connection to the fans of a fan coil;
- 2 relay outputs (C-OUT4, C-OUT5) for connection to the valves for temperature control;
- 2 analogue 0/1-10 V 1.5 mA outputs (OUT6+/-, OUT7+/-) to adjust the aperture of motorised proportional valves accepting variable control signals for voltage (e.g. 0-10V). Consider that the “-” terminals of outputs OUT6 and OUT7 are connected internally.
- the outputs not used for temperature control can be used to control lights;
- 1 NTC type temperature probe input (art. 20432, 19432, 14432, 02965.1);
- push buttons for manual relay control;
- push button to enable/disable the manual controls;
- LED for output status;
- LED and configuration push button;
- operating temperature -5 °C +45 °C (indoor);
- protection degree: IP20;

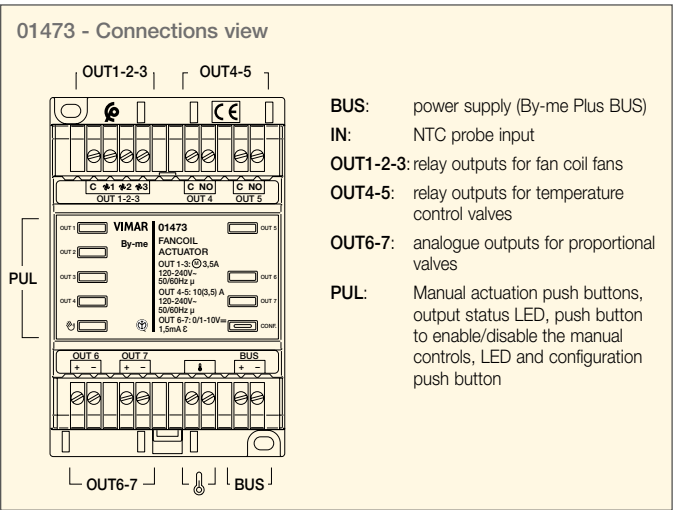
- dimensions: 4 modules size 17.5 mm;
- actuator 01473 should be configured with the home automation system gateway 01410-01411 and the View Pro App.

Controllable loads

- OUT 1-2-3 and OUT 4-5:
 - motor load: 3.5 A (20,000 cycles);
 - heating load 10 (3.5) A (100,000 cycles);
 - LED lamps  : 100 W-240 V~, 30 W-120 V~ (20,000 cycles).

Regulatory compliance

LV Directive. EMC directive. RoHS directive.
Standards EN IEC 60669-2-1, EN IEC 63044, EN 50491, EN IEC 63000.
REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.



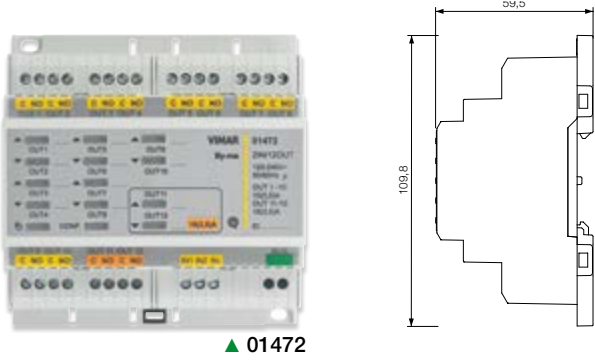
NEW FOR THE HOSPITALITY WORLD

By-me Plus - Home automation



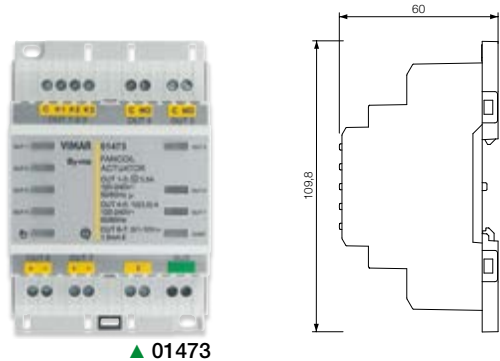
Multi-function actuator with 12 relay outputs

- ▲ **01472** Electronic actuator with 2 inputs and 12 programmable outputs for residential or hotel applications, programmable digital inputs for potential-free contacts with control function for lights, roller shutters and to recall a scenario, 10 NO 10(3.5) A or 3.5 A motor 50/60 Hz 120-240 VAC relay outputs, 2 NO 16 (3.5) A or 3.5A motor 120-240 VAC 50/60 Hz relay outputs programmable with control function for lights, roller shutters with slat orientation, climate control and circulation pump, push buttons for local control, By-me Plus home automation system, installation on DIN rails (60715 TH35), occupies 6 modules size 17.5 mm.



Actuator for fan coil control and other services

- ▲ **01473** Electronic actuator with 1 NO 3.5 A relay output, 3-speed and proportional fan coil 50/60 Hz 120-240 VAC, 2 proportional analogue 0/1-10 V 1.5 mA outputs with re-scalable voltage, 2 NO 10(3.5) A 120-240 V~ 50/60Hz relay outputs, with function to control lights, fan coil, climate control, accesses, sprinkler system, push buttons for local control, By-me Plus home automation system, installation on DIN rail (60715 TH35), occupies 4 modules size 17.5 mm



NEW FOR THE HOSPITALITY WORLD

KNX Secure + By-me Plus - Building automation



By-me Plus-KNX TP Connection router

The By-me Plus/KNX router allows a system comprising By-me Plus devices, grouped into an island, to interface with the building infrastructure based on KNX standard products. Communication between the two systems operates according to defined routing criteria; the router supports up to 450 routing rules. The router is equipped with 2 pairs of TP terminals: 1 for the By-me Plus BUS and 1 for the KNX BUS. Router 01506 conforms to the **KNX Secure** requirements on the datapoints defined in the routing table. A datapoint can be configured on the KNX side to monitor devices via a heartbeat signal.

Main characteristics

- Rated power supply: By-me Plus 21-30 VDC (SELV) 7 mA BUS;
- KNX BUS current consumption: 2 mA;
- dissipated power: average 800 mW, maximum 1100 mW;
- protection degree: IP20;
- operating temperature: -5 °C ÷ +45°C (indoor use);
- protection class III;
- overvoltage category III;
- dimensions: 2 modules size 17.5 mm;

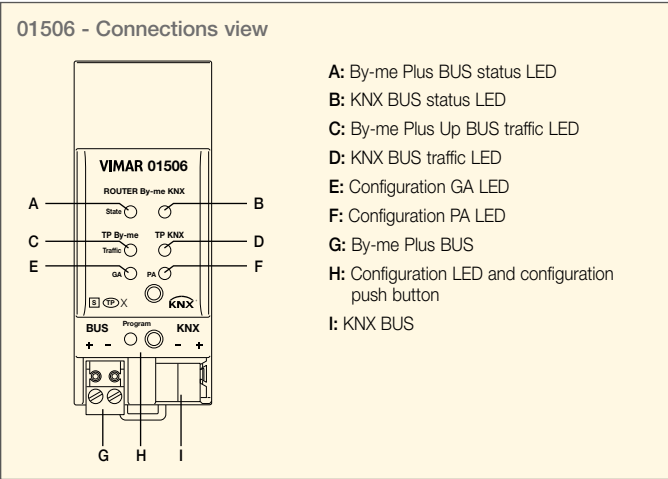
Configuration

Configuration of the By-me Plus system is carried out using the View Pro App via gateway 01410-01411. The KNX part is configured using the ETS software; a dedicated component, referred to as a DCA (Device Configuration App), allows you to define the routing rules for the exchange of messages.

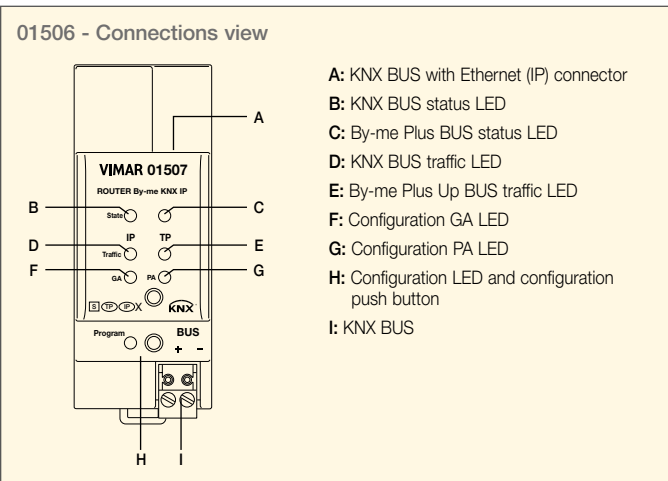
Regulatory compliance

EMC directive. RoHS directive. Standards EN IEC 62368-1, EN IEC 61000-6-2, EN IEC 61000-6-3, EN IEC 63044, EN IEC 63000. REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

LED indications		
	Green LED	Red LED
By-me Plus BUS status LED	ON: correct operation	ON: device factory reset
KNX BUS status LED		
By-me Plus BUS traffic LED	ON: data traffic presence	ON: no acknowledgment of received KNX message (ACK)
KNX BUS traffic LED		
GA LED	-	ON: device not configured
PA LED	-	
Configuration LED	-	ON: device in the configuration phase



LED indications		
	Green LED	Red LED
By-me Plus BUS status LED	ON: correct operation	ON: device factory reset
KNX BUS status LED		
By-me Plus BUS traffic LED	ON: data traffic presence	-
KNX BUS traffic LED		
GA LED	-	ON: device not configured
PA LED	-	
Configuration LED	-	ON: device in the configuration phase



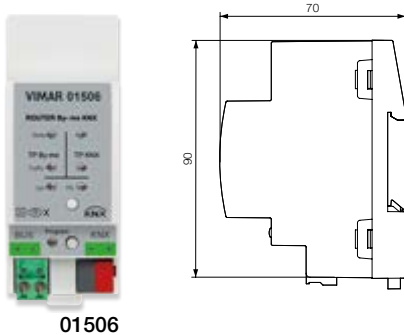
NEW FOR THE HOSPITALITY WORLD

KNX Secure + By-me Plus - Building automation



By-me Plus-KNX TP Connection router

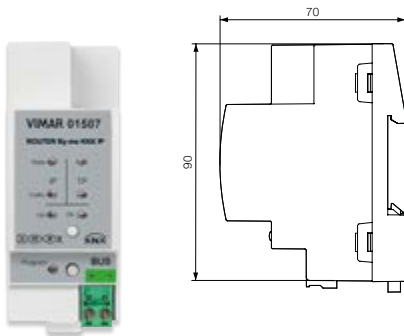
01506 By-me Plus KNX TP Router, KNX Secure standard, installation on DIN rail (60715 TH35), occupies 2 modules size 17.5 mm



01506

By-me Plus-KNX IP Connection router

01507 By-me Plus KNX IP Router, KNX Secure standard, installation on DIN rail (60715 TH35), occupies 2 modules size 17.5 mm



01507

Energia Positiva. Insieme

