

Building



GEWISS has updated its range for the hotel sector, with an advanced system for access control and operational supervision and management in all types of accommodation facilities.

GW HOST

A complete system for efficient management of accommodation facilities

The integrated systems solutions in the GEWISS building automation system enable control over all the environmental parameters of a building (lights, roller blinds, scenarios, climate control, energy consumption, etc.), including remote control capabilities, creating a positive effect on the well-being and quality of your guests' stay. The GEWISS access control and hotel management system takes advantage of the flexibility and safety of the KNX communication standard, designed for successful use in every type of structure thanks to the multiple functions and advantages it offers. It is a reliable, integrated system that facilitates a reduction in a building's energy consumption, while guaranteeing top levels of safety and comfort for guests at all times.



COMFORTABLE AND ENERGY-EFFICIENT ACCOMMODATION FACILITIES AT THE SERVICE OF YOUR CLIENTS

The GEWISS solution for access control facilitates the management and optimisation of all functions and automations in small to medium accommodation facilities, in particular, hotels, B&Bs, residential centres, conference centres and holiday resorts. Each function is aimed at ensuring maximum comfort for guests during their stay at your facility, guaranteeing effective control and management of the facility in terms of safety and energy savings.



Bed & Breakfasts



Hotels



Residential centres
Holiday resorts



Conference
centres

Why choose GEWISS



①

A SINGLE PARTNER

GEWISS is your point of reference as we offer integrated and customised solutions to manage your entire accommodation facility, with a range that extends from energy distribution to home & building automation, encompassing smart lighting and smart mobility services.

②

BEFORE AND AFTER SALES ASSISTANCE

GEWISS Technical Assistance is at your service to guide you through every phase, from design to installation through to system maintenance, offering professional support and expertise.

③



STANDARD COMMUNICATION PROTOCOL

The GW HOST access control system uses the KNX international communication protocol - the most widespread global standard for home & building automation applications - as it is robust and ensures interoperability between devices from different manufacturers. This therefore guarantees a reliable solution, safeguarded from the risk of technological obsolescence, which is associated with solutions based on proprietary protocols.

④

AESTHETIC COORDINATION WITH CHORUSMART

The GEWISS access control system coordinates perfectly with the ChoruSmart wiring devices, offering fully integrated solutions both in terms of function and appearance.

⑤

A 100% ITALIAN COMPANY

GEWISS is an Italian company that operates globally in the design and manufacture of products and services, capable of providing system solutions and meeting any installation requirement.

Everything in a single system

GW HOST is the GEWISS solution for centralised management of access to rooms and common areas of accommodation facilities, as well as controlling lights, roller blinds, climate, and energy consumption, while offering guests safety, functionality and comfort in every environment.

Access

Transponder card readers make it easy to manage access to individual rooms and common areas (wellness areas, swimming pools, parking) by guests and service personnel, through differentiated allocation of access rights.

Lights and roller blinds

The system controls lighting and the status of roller blinds, both in common areas and in individual rooms, from a central point, ensuring complete comfort for guests and reducing wastage through lights being left on accidentally.

Climate

The temperature of each environment is managed locally by thermostats installed in each room. However, it can be also controlled from the reception, which can receive alerts to carry out checks to avoid faults and malfunctions, ensuring complete comfort for your guests.

Energy consumption

The system intelligently controls the energy use of each room, sending alerts for any anomalies in electricity consumption and reducing waste caused by devices left on unnecessarily. Furthermore, it enables the monitoring of consumption in all areas of the facility to ensure that energy usage is kept under control at all times.

What we offer our customers

SUPERVISION AT RECEPTION

- Management of client details
- Check-in and check-out
- Monitoring of rooms and common areas
- Do not disturb and room cleaning alerts
- Transit log
- Alarm log

ROOM AND COMMON AREA

AUTOMATION

- Access control
- Light management
- Roller blind control
- Temperature and humidity management
- Energy consumption monitoring and control
- Alarm management
- Scenarios

INTEGRATION

- HVAC systems
- Light management (Dali, DMX, etc.)
- Management software



Why choose GW HOST

ADVANTAGES FOR INSTALLERS

Simplicity of wiring and maintenance of the systems, at all stages of design, installation and maintenance. This is due to the use of the consolidated **KNX protocol**, which allows maximum freedom in configuring and customising the system.

Reliability and durability of the KNX-based access control system: this is an international, open standard that ensures interoperability between devices of different manufacturers.

Remote maintenance of the KNX system with the option to verify the operating status of the network and carry out changes to the configuration of devices.

Integrated control of room access management, along with all other functions available to the facility: lights, roller blinds, climate control, monitoring and management of energy consumption, alarms (e.g. bathroom alarm), thanks to the GW HOST supervision software.

ADVANTAGES FOR GUESTS

Ease of access to the rooms and common areas of the facility through a simple transponder card that can also be used as payment method for the facility's services (e.g. e-money).

Increased comfort for guests, as they can manage all the room's automations at the touch of a button: lighting, roller blinds, execution of scenarios (e.g. relaxation, reading etc.) and temperature regulation.



ADVANTAGES FOR THE OWNER

Notable reduction in costs of the management and maintenance of the system, thanks to the centralised management and supervision of all parameters for every environment (temperature, energy costs, occupation status of the rooms and common areas).

Increased safety of the facility, thanks to access control capability and real time supervision of the presence of guests in rooms, as well as the monitoring of technical alarms (water, gas, smoke etc.), faults and malfunctions. Furthermore the RFID MIFARE® (13.52MHz) technology used for communication between the transponder card and the readers offers better security functions and data encryption compared to the old 125kHz technology.

Freedom to customise the transponder cards using the name and logo of the hotel, for example. For customisation requests please contact the Gewiss sales team.

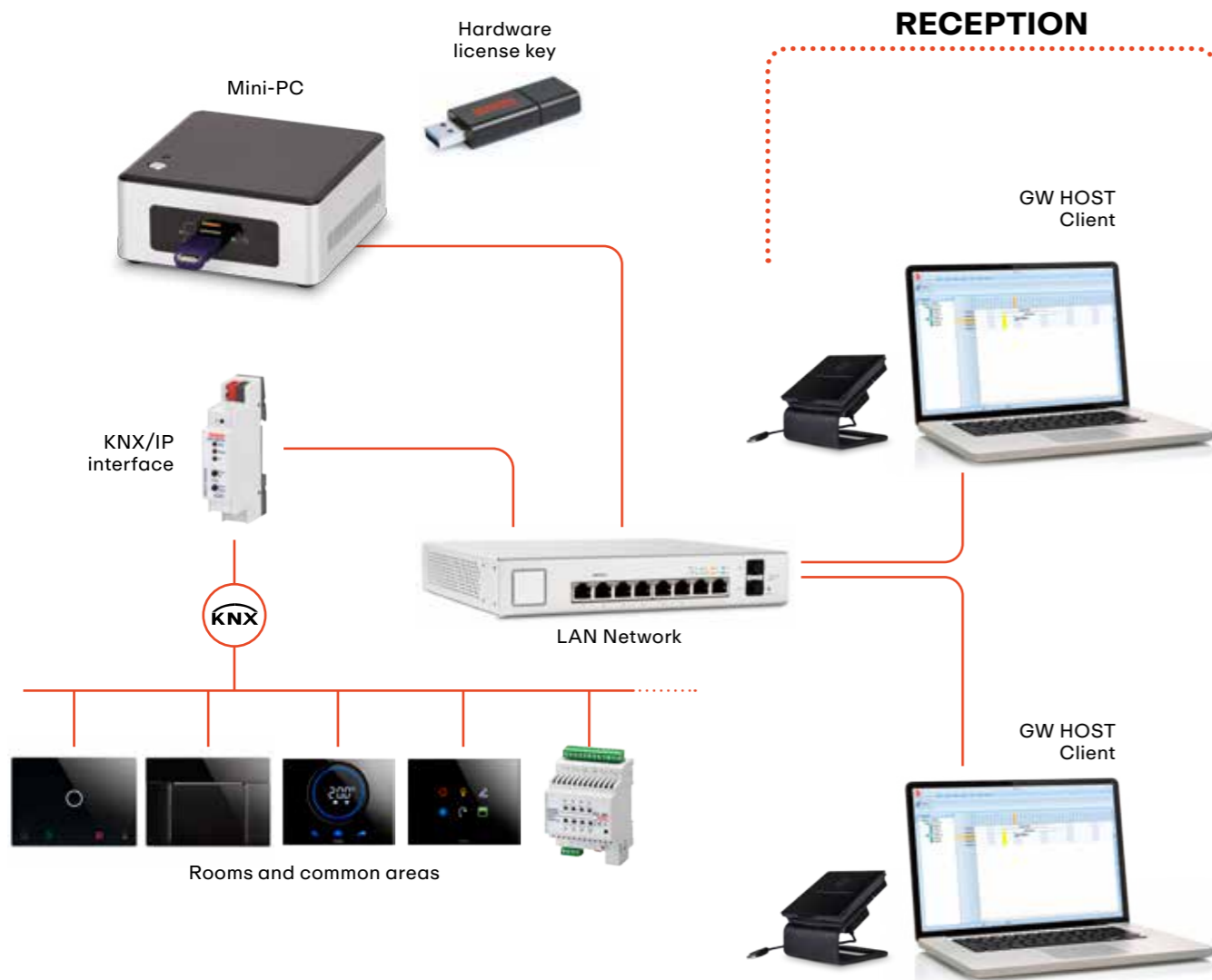
Reliability and hassle-free maintenance thanks to the KNX technology used to control all room functions and other areas of the facility. This certified and standardised technology has been on the market for many years and is supported by many manufacturers, making it robust and reliable, and safeguarding it from the potential risk of obsolescence (spare parts). It offers numerous advantages that are not achievable with proprietary technologies.

A robust system, as access to rooms is ensured even if the GW HOST software goes down, thanks to the on-board intelligence of the card reader units and card holder units that locally verify guests' access authorisations.

SYSTEM COMPONENTS





The GW HOST solution includes a range of **card reader units and card holder units** that use RFID MIFARE® technology, a desktop **card programming unit**, and customisable **transponder cards** for access management with the added option of sharing any advanced services present in the hotel (e.g. payment systems).

The solution is completed by the **GW HOST software package preinstalled on a mini-PC**, which enables the management of the cards and the control and supervision of the rooms and common areas.







CARD READER UNIT



-  **GW 16 891 CB**
Glossy white
-  **GW 16 891 CL**
Glossy natural beige
-  **GW 16 891 CN**
Glossy black
-  **GW 16 891 CT**
Glossy titanium

CARD HOLDER UNIT



-  **GW 16 892 CB**
Glossy white
-  **GW 16 892 CL**
Glossy natural beige
-  **GW 16 892 CN**
Glossy black
-  **GW 16 892 CT**
Glossy titanium

CARD PROGRAMMING UNIT



GW 16 893 CN

TRANSPONDER CARDS



GW 16 899

GW HOST SOFTWARE



- GW A9 787**
Up to 15 pages
- GW A9 788**
Up to 35 pages
- GW A9 789**
Up to 100 pages
- GW A9 790**
Over 100 pages

CARD READER AND CARD HOLDER UNITS

The card reader and card holder units feature elegant, glossy technopolymer plates available in four different colours. The devices manage transponder cards with RFID MIFARE® technology, interface with the KNX bus, and feature indicator LEDs, two potential-free contact inputs and two potential-free relay outputs for low voltage, all configurable via ETS. Reader and holder units are flush-mounted in 3-module rectangular boxes, and in round or square boxes.



CARD PROGRAMMING UNIT

The transponder card programming unit is a RFID MIFARE® technology transponder card reader/writer, featuring an elegant, glossy technopolymer plate mounted on a convenient table support, complete with USB cable for connection to the reception PC. The device is equipped with a backlit slot to indicate the reading or writing operations of the card.



GW HOST SOFTWARE

The GW HOST software is supplied pre-installed on a mini-PC, available in different sizes depending on the number of graphic pages* to be managed (rooms and common areas) in the accommodation facility:

- up to 15 pages
- up to 35 pages
- up to 100 pages
- more than 100 pages

**A 'page' refers to a supervision page. A page enables the control of all functions, both those relative to access control and those relative to the control of other systems (lights, roller blinds, climate, energy etc.). The maximum number of items (icons that represent statuses, buttons for commands, etc.) that a page can contain is set according to the intelligibility and usability of these items by the operator. In general, a page is used for each room and for each common area (e.g. reception, lobby etc.).*

Each software package includes the mini-PC and 3 client licenses for monitoring, access control and hotel management from 3 separate reception workstations (possibility to extend through additional client licenses).

MAIN FEATURES

- 4 USB ports
- 1 LAN port
- 1 HDMI port
- 12Vdc power supply



Hardware license key



ADVANTAGES

SIMPLE

Initial start-up and software configuration are extremely simple, as GW HOST comes pre-installed on the mini-PC. Furthermore, the software can be quickly and immediately installed on the reception PC by the customer.

RELIABLE

In addition, the mini-PC ensures greater reliability compared to the usual PCs on the market. It is dedicated exclusively to hotel management (GW HOST), without any other software installed that could compromise its stability and security.

SCALABLE

The GW HOST software is scalable to meet all application requirements and guaranteeing expandability in the event of an increase in the facility's capacity.

FLEXIBLE

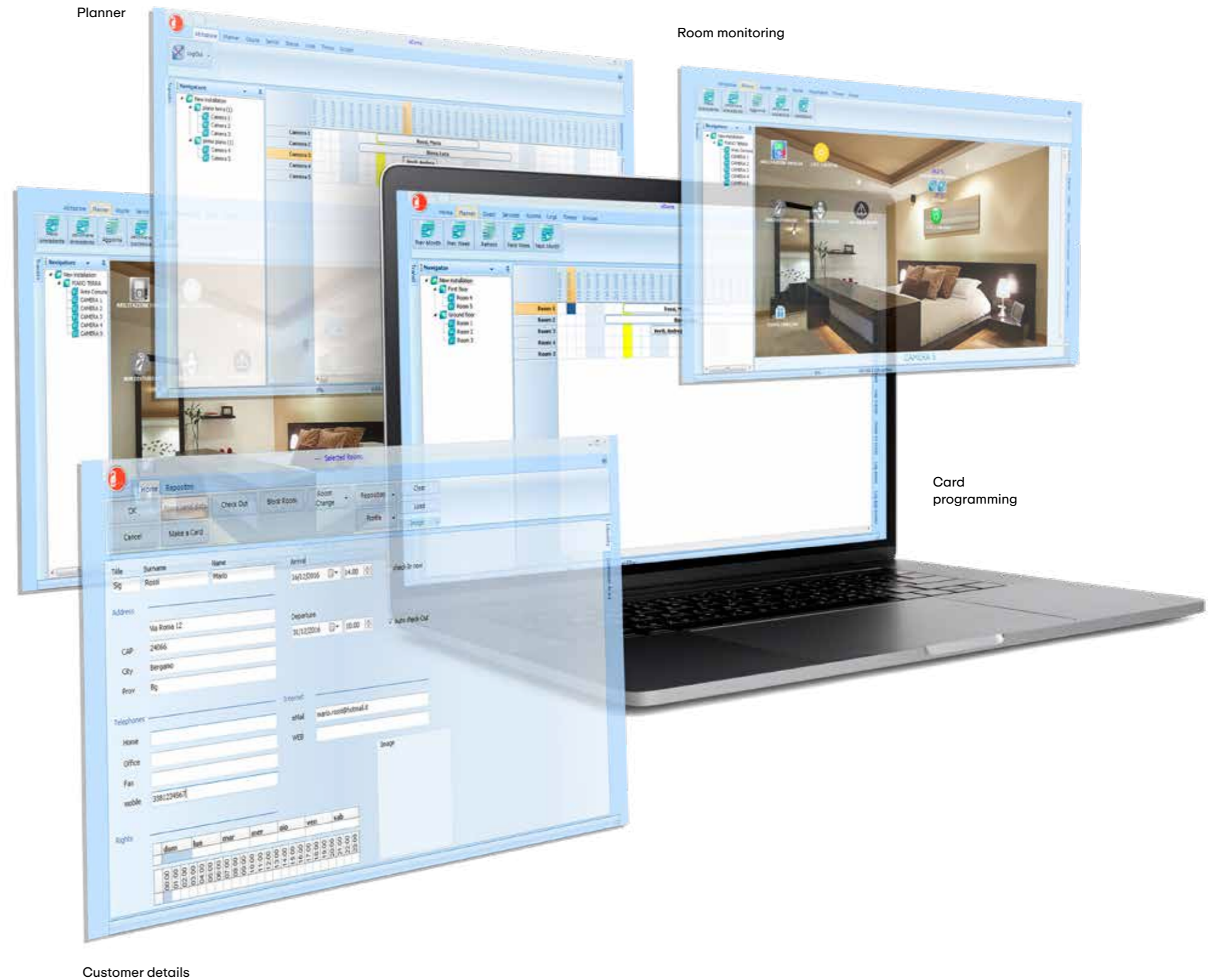
GW HOST enables the management and control of automation functions not only in rooms but also in all common areas, such as restaurants, wellness areas etc. In addition, it interfaces with the most common management softwares.



SOFTWARE FUNCTIONS



- ① **ACCESS TO THE SOFTWARE VIA MULTI-LEVEL AND CUSTOMISED ACCOUNTS**
- ② **CUSTOMER DETAIL MANAGEMENT**
- ③ **ROOM RESERVATIONS, CHECK-IN and CHECK-OUT**
 - Includes automatic check-out for client cancellations after a pre-set time from the indicated check-out date
- ④ **CARD PROGRAMMING FOR ACCESS CONTROL**
 - Allocation of authorisations for selective access to different areas
 - Definition of validity period
 - Definition of the time slots for access during permitted hours
- ⑤ **TIMER**
 - For managing any event or automation that requires time scheduling
- ⑥ **EMAIL NOTIFICATIONS**
 - For alarm signals
- ⑦ **ROOMS AND COMMON AREAS MONITORING**
- ⑧ **CUSTOMISABLE GRAPHIC ICONS**
- ⑨ **MEASUREMENT TREND DISPLAY**
 - To view measurements associated with KNX parameters
 - Data export in Excel format (*.csv). Microsoft Office is required for this function (installed on the customer PC from which data is exported)
- ⑩ **CHECK IN and CHECK OUT EVENTS**
 - To manage any event relating to check-in/out (e.g. room pre-heating, TV activation, diffusion of welcome fragrance, etc.)
- ⑪ **LOG DISPLAY AND EXPORT**
 - Transits with access to rooms or common areas, reception operations, room occupation, room temperature etc.
 - Data export in Excel format (*.csv)
- ⑫ **INTEGRATION WITH MANAGEMENT SOFTWARE**
 - Integration with the most common management softwares (e.g. Oracle Micros-Fidelio, Zucchetti, Proxima Hotel Cube, Infor GmbH, etc.)
 - Customisation to other management systems



THE SOLUTION'S STRENGTHS



FLEXIBILITY, RELIABILITY AND SIMPLICITY

The different sizes of the GW HOST supervision and access control software make it possible to meet the application needs of any accommodation facility, from the smallest to the largest. The management software comes pre-installed on a mini-PC and facilitates all start-up operations. The connection between the mini-PC and customer's reception PC is of the server/client type and therefore ensures maximum reliability.

INTEGRATED CONTROL OF ALL AREAS

The management and access control system integrates perfectly with all KNX products from the GEWISS **Home&Building PRO system**, which covers, with its vast range of products, any building automation requirement. All automation functions are controlled by the GW HOST hotel management software, which enables customised access for each user.



AVAILABLE INPUTS/OUTPUTS IN THE CARD READER AND CARD HOLDER UNITS

The card reader units and card holder units have 2 digital inputs and 2 relay outputs, freely programmable via ETS software. The availability of input/output channels means a reduction in the overall number of KNX devices installed in each room.

COST OPTIMISATION OF THE OFFER

Thanks to the broad scope of the KNX offer, the number of devices in the system can be optimised, reducing costs: an example of this are the hybrid actuators that allow the management of relay outputs and temperature control inputs, potential-free inputs, analogue inputs, etc. In addition, it is possible to take advantage of the coordination between all the GEWISS catalogues for a complete, global offer: power distribution, installation material, lighting equipment, charging stations for electric vehicles, etc.



AESTHETIC INTEGRATION WITH THE CHORUSMART DOMESTIC SERIES

The card reader units and card holder units are in keeping with the aesthetic of the **ChoruSmart wiring devices**, and are available in four colours: white, natural beige, black and titanium.

A unique solution for every style. Timeless

CHORU **S**MART

Every accommodation facility has its own identifying style that can be further enhanced through the careful selection of plates and control devices from the **ChoruSmart ecosystem**.

The **plates**, which are available in a wide variety of shapes, materials, colours and finishes, and the different technologies used in the **control devices**, adapt to any context to meet specific interior design requirements, guaranteeing perfect aesthetic coordination at all times.

Plates

AESTHETIC COORDINATION



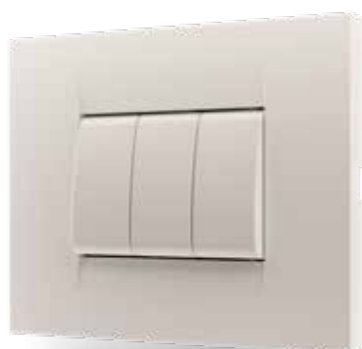
ICE and ICE TOUCH KNX
Refined smartness



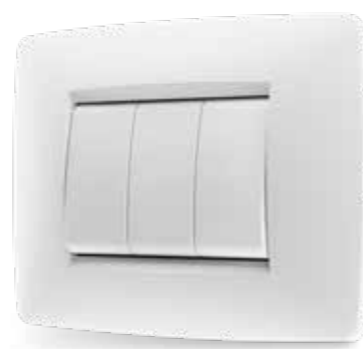
EGO
Innovative living



LUX
Unlimited luxury

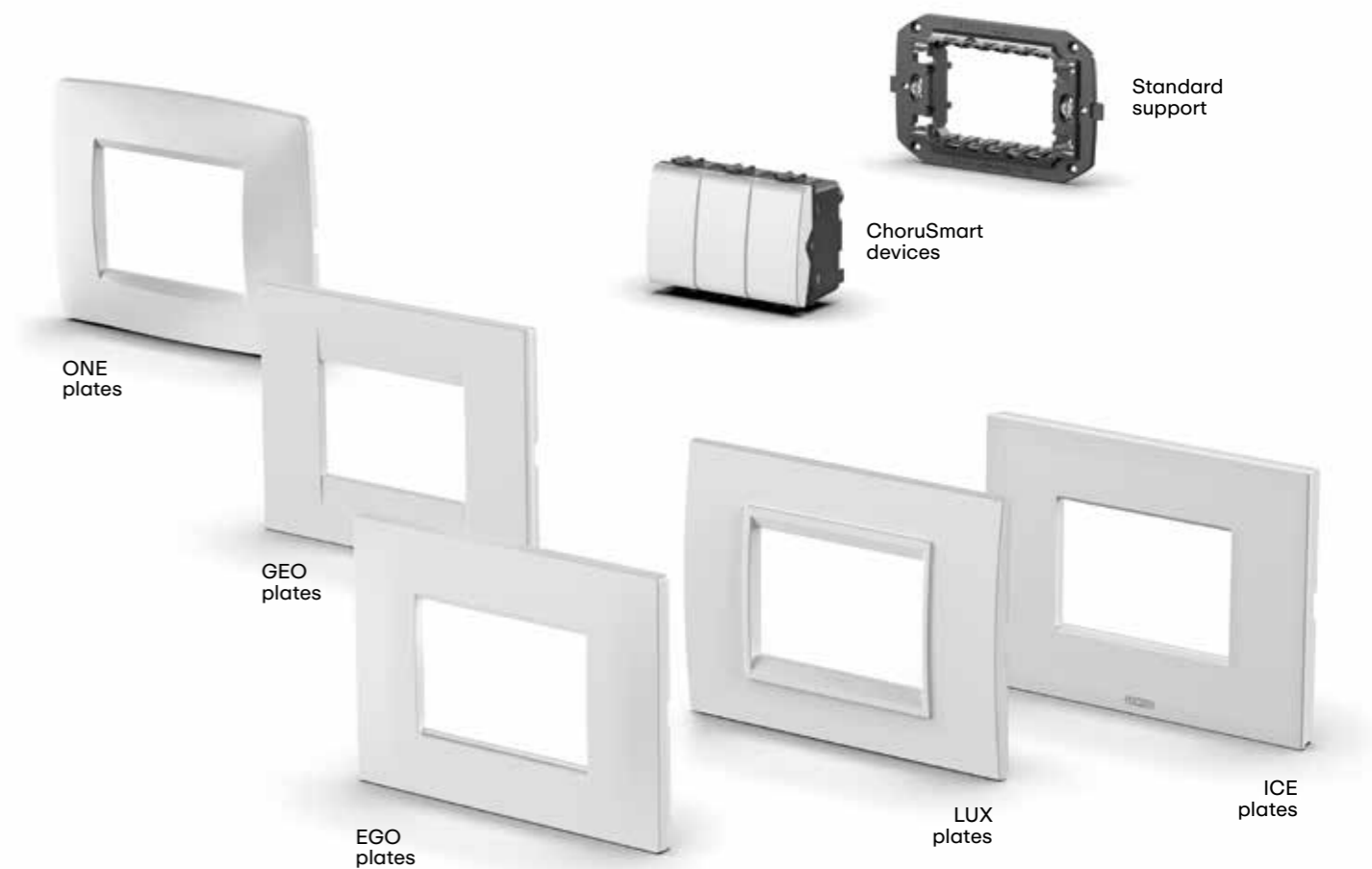


GEO
Iconic character



ONE
Youthful look

Flexible and highly customisable solutions that use a unique support



Devices

COLOURS AND FINISHES



TECHNOLOGIES



Traditional controls and electronic buttons



Touch controls for ICE Touch KNX plates

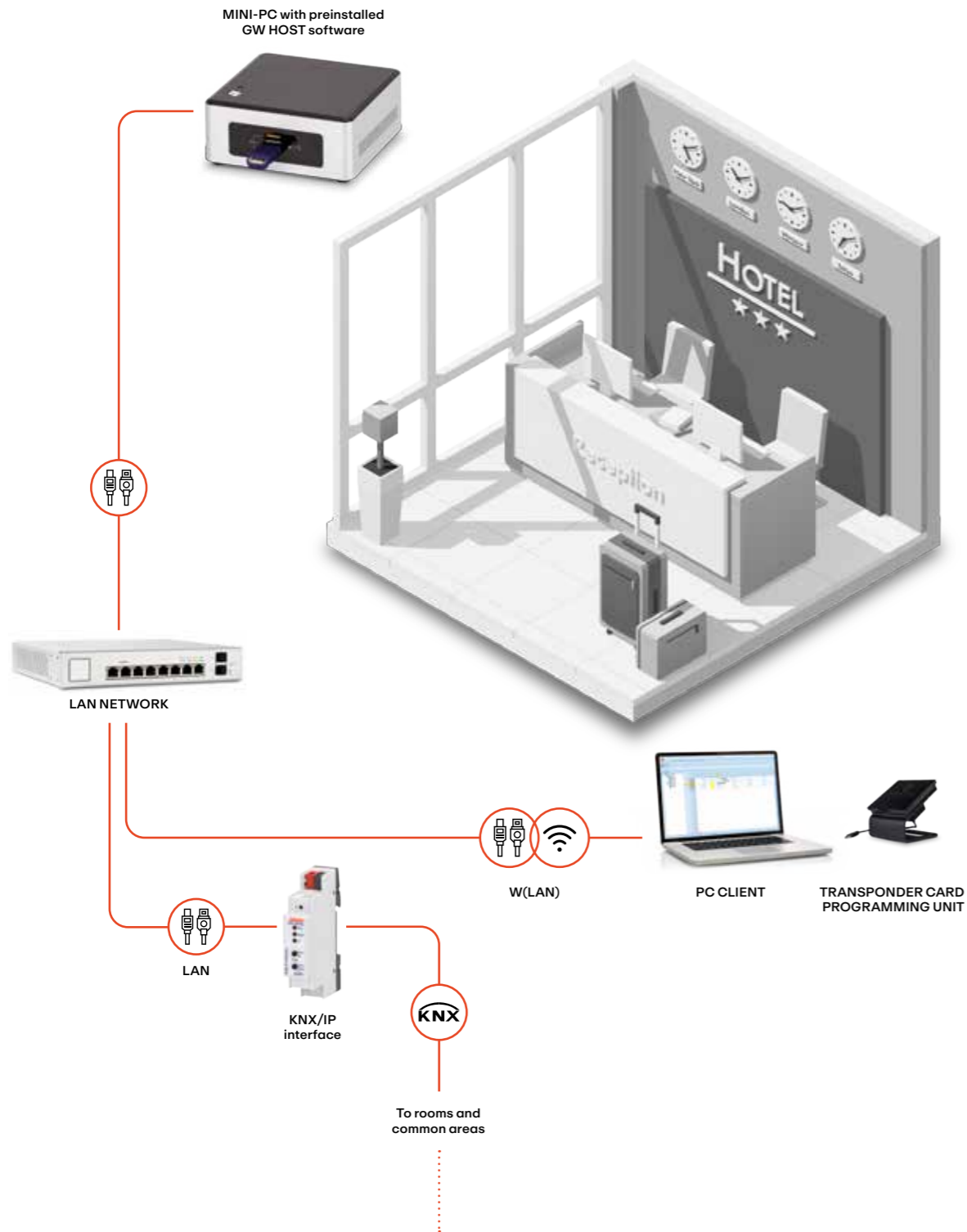


KNX push-button panel

APPLICATION EXAMPLES

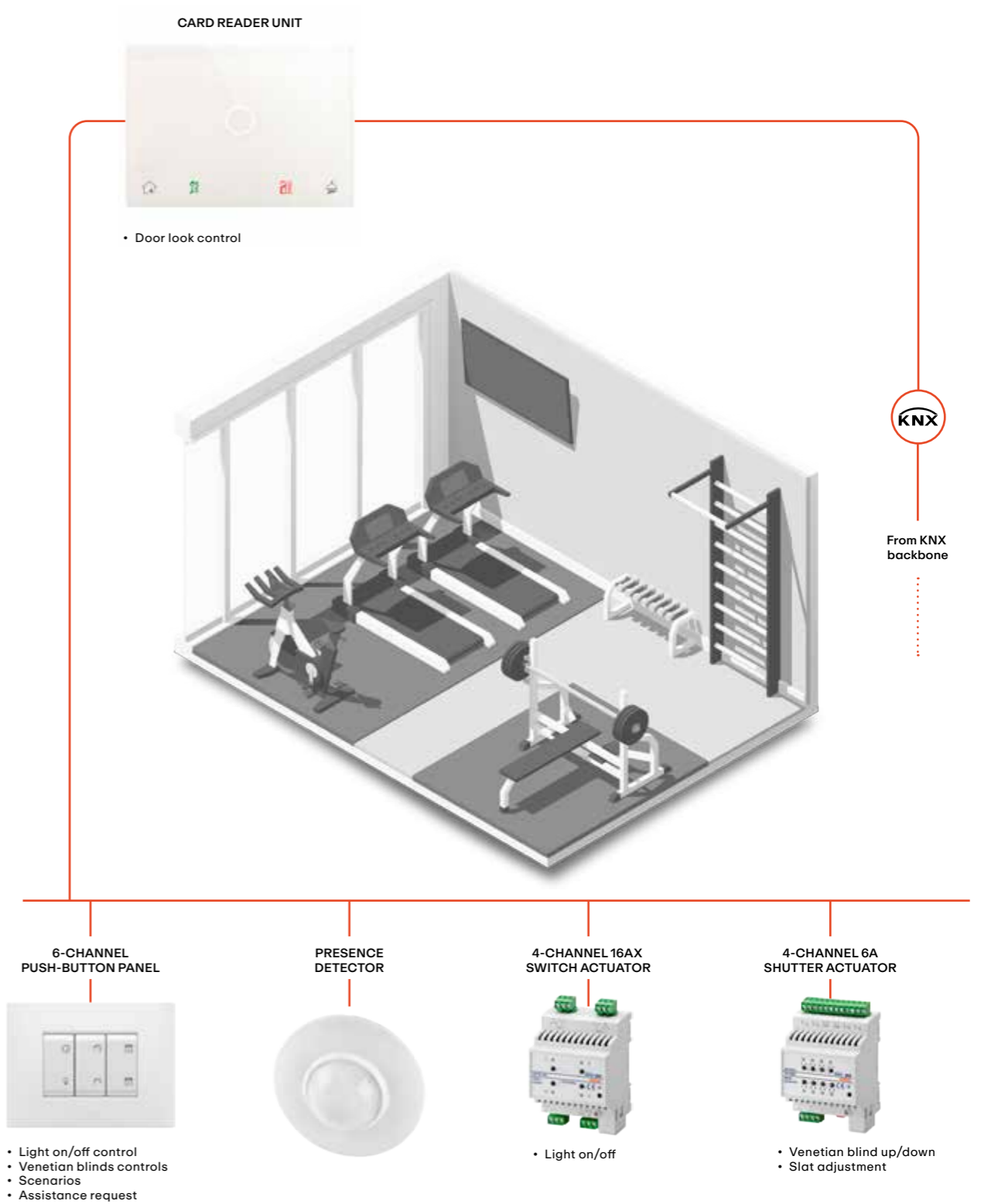
RECEPTION

Example of mini-PC connection with the KNX backbone of the facility, client PCs and card programming unit in the reception area.



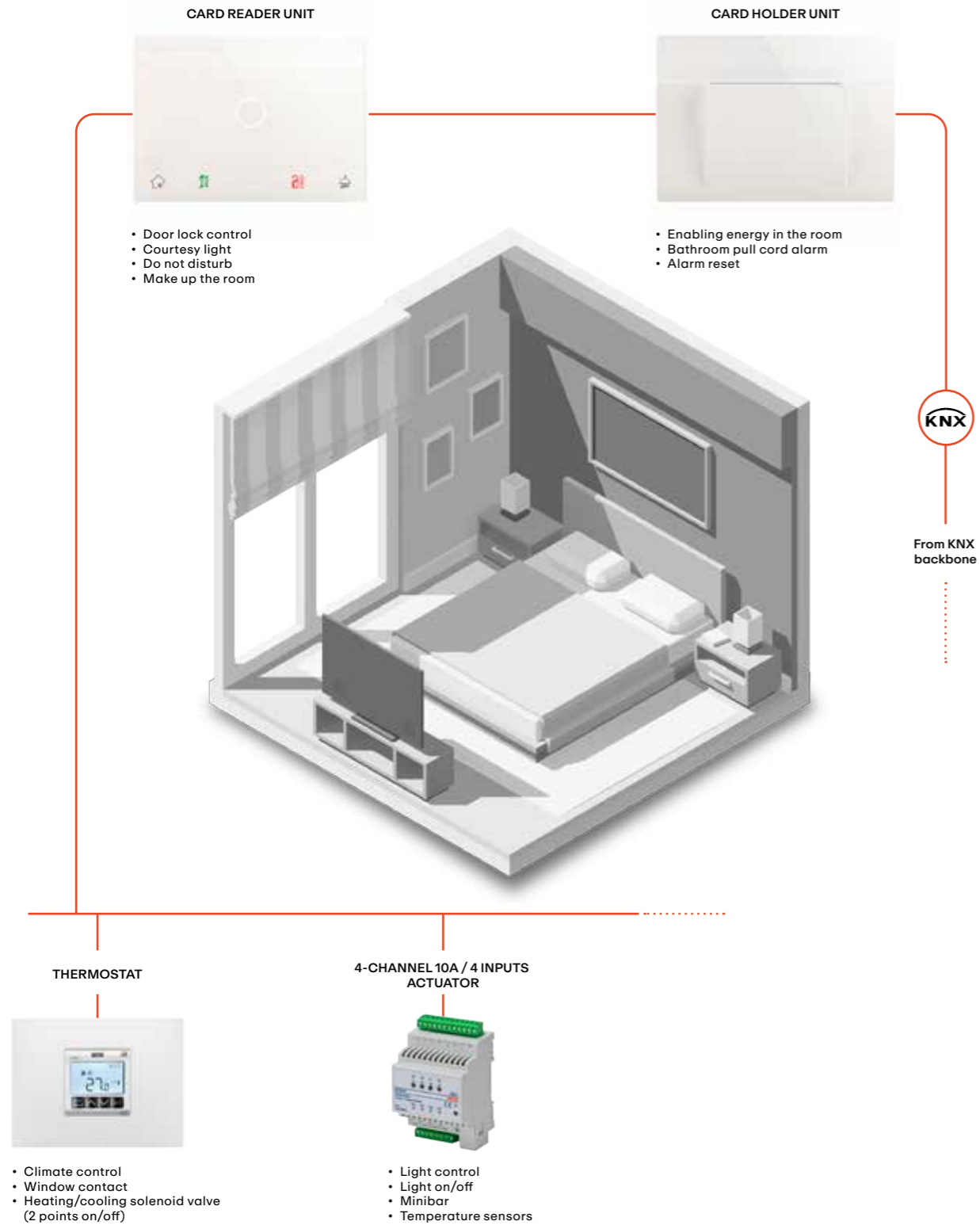
WELLNESS AREA

Example of KNX device connection for access control and management of the automations in a wellness area.



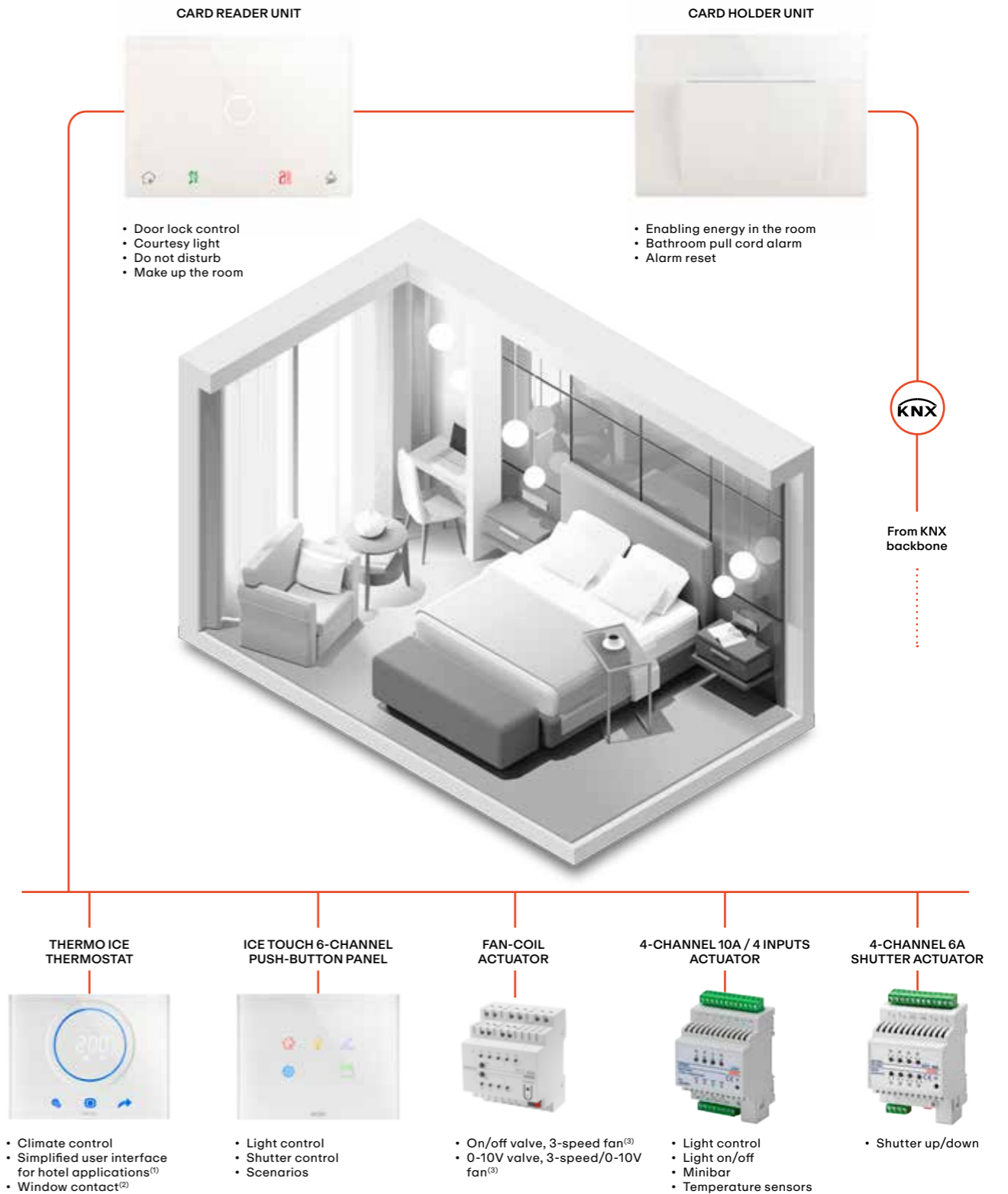
STANDARD ROOM

Example of KNX device connection for access control and management of the automations in a standard room.



SUITE

Example of KNX device connection for access control and management of the automations in a suite.



⁽¹⁾ Only GW16976Cx

⁽²⁾ Only GW16974Cx

⁽³⁾ Suggested to be used with GW16976Cx Thermo ICE thermostat (to fully control all the functions of the GEWISS fan-coil actuators GWA9140 and GWA9141)

TECHNICAL SPECIFICATIONS

TRANSPONDER CARD READER UNIT

CODE	GW 16 891 CB	GW 16 891 CL	GW 16 891 CN	GW 16 891 CT
Colour	Glossy white	Glossy natural beige	Glossy black	Glossy titanium
Plate	Technopolymer Included in the package			
Installation	Flush-mounted on 3-module rectangular box, round box and square box			
KNX bus power supply	Max. current absorbed 10mA at 29V			
Auxiliary power supply SELV	12-24Vac ±10%, 12-32Vdc ±10% - Max. current absorbed 30mA to 24Vdc			
Front signals	Point signalling for RFID card reading, 4 icons (Presence, DND, MUR, Room Service)			
Inputs	2 inputs for potential-free contacts (scanning voltage Vn=5Vdc)			
Outputs	2 NO relays for SELV circuit connection 12-24Vac 12-32Vdc Max. switching current 5A (AC1), 1A (AC3) Max. switching power 150W (AC1)			
Use environment and protection rating	Indoor, dry areas, IP20			
Operating temperature and humidity	from -5°C to +45°C (max. 90% non-condensing)			

TRANSPONDER CARD PROGRAMMING UNIT

CODE	GW 16 893 CN
Colour	Glossy black
Plate	Technopolymer Included in the box
Installation	Desktop (the device is supplied with a table support and USB cable for connection to a PC)
Power supply (via USB)	5Vdc - max. current 160mA
Cable type	USB 2.0 - Type A / USB micro B
Cable length	3 m
Use environment and protection rating	Indoor, dry areas, IP20
Operating temperature and humidity	from -5°C to +45°C (max. 90% non-condensing)

TRANSPONDER CARD HOLDER UNIT

CODE	GW 16 892 CB	GW 16 892 CL	GW 16 892 CN	GW 16 892 CT
Colour	Glossy white	Glossy natural beige	Glossy black	Glossy titanium
Plate	Technopolymer Included in the package			
Installation	Flush-mounted on 3-module rectangular box, round box and square box			
KNX bus power supply	Max. current absorbed 10mA at 29V			
Auxiliary power supply SELV	12-24Vac ±10%, 12-32Vdc ±10% - Max. current absorbed 30mA to 24Vdc			
Front signals	Slot signalling for RFID card insertion			
Inputs	2 inputs for potential-free contacts (scanning voltage Vn=5Vdc)			
Outputs	2 NO relays for SELV circuit connection 12-24Vac 12-32Vdc Max. switching current 5A (AC1), 1A (AC3) Max. switching power 150W (AC1)			
Use environment and protection rating	Indoor, dry areas, IP20			
Operating temperature and humidity	from -5°C to +45°C (max. 90% non-condensing)			

TRANSPONDER CARDS

CODE	GW 16 899
Technology	RFID MIFARE®
Frequency	13.56Mhz
Materials	Technopolymer
Customisation	On request
Compliance	ISO 7810 (85.6x54x0.76 mm)
Operating temperature	From -10°C to +50°C

SELECTION GUIDE HOME&BUILDING PRO

HOME&BUILDING PRO SUPERVISION - KNX

Gateway		GW A9 000 Without license GW A9 002 With unlimited preloaded license	Touch panels		
		GW A9 001 Unlimited license for Smart Gateway			

SYSTEM COMPONENTS - KNX

Self-protected electronic power supplies			Complementary items					

COMMAND DEVICES - KNX

TOUCH push-button panel module with interchangeable symbols		ICE TOUCH KNX glass plates				

Contact interfaces				

LED signalling units						Blanking modules					

Soft-click electronic push-buttons						For BUS inputs 1M-IP-NO Backlit						For BUS inputs 2M-IP-NO Backlit					

COMMAND DEVICES - KNX

Push-button panels		GW 10 783 A Glossy white GW 15 783 A Satin white GW 13 783 A Sat. natural beige GW 12 783 A Satin black GW 14 783 A Glossy titanium		GW 10 784 A Glossy white GW 15 784 A Satin white GW 13 784 A Sat. natural beige GW 12 784 A Satin black GW 14 784 A Glossy titanium		GW 10 785 A Glossy white GW 15 785 A Satin white GW 13 785 A Sat. natural beige GW 12 785 A Satin black GW 14 785 A Glossy titanium
		GW 10 787 Glossy white GW 15 787 Satin white GW 13 787 Sat. natural beige GW 12 787 Satin black GW 14 787 Glossy titanium		GW 10 782 Glossy white GW 15 782 Satin white GW 13 782 Sat. natural beige GW 12 782 Satin black GW 14 782 Glossy titanium		

Interchangeable button keys for push-button panels		GW 10 551 Glossy white GW 15 551 Satin white GW 13 551 Sat. natural beige GW 12 551 Satin black GW 14 551 Glossy titanium		GW 10 552 Glossy white GW 15 552 Satin white GW 13 552 Sat. natural beige GW 12 552 Satin black GW 14 552 Glossy titanium		GW 10 553 Glossy white GW 15 553 Satin white GW 13 553 Sat. natural beige GW 12 553 Satin black GW 14 553 Glossy titanium		GW 10 554 Glossy white GW 15 554 Satin white GW 13 554 Sat. natural beige GW 12 554 Satin black GW 14 554 Glossy titanium
		GW 10 557 Glossy white GW 15 557 Satin white GW 13 557 Sat. natural beige GW 12 557 Satin black GW 14 557 Glossy titanium		GW 10 559 Glossy white GW 15 559 Satin white GW 13 559 Sat. natural beige GW 12 559 Satin black GW 14 559 Glossy titanium				

Lenses with illuminating symbols											

LIGHT/MOTION SENSORS - KNX

Motion/Presence		GW 10 786 Glossy white GW 15 786 Satin white GW 13 786 Sat. natural beige GW 12 786 Satin black GW 14 786 Glossy titanium			

ACTUATORS - KNX

Switch actuators

- GW 10796 Glossy white
- GW 15796 Satin white
- GW 13796 Sat. natural beige
- GW 12796 Satin black
- GW 14796 Glossy titanium

KNX 1-channel 16 A
1 NO/NC 230 V ac - 50/60 Hz

GW 90741 KNX 4-channel 10 A
4 NO 230 V ac - 50/60 Hz

GW 90740 A KNX 4-channel 16 AX
4 NO 230 V ac - 50/60 Hz

GW 90742 KNX 4-channel 16 AX
with manual operation
4 NO 230 V ac - 50/60 Hz

GW A9 108 KNX 6-channel 10 AX
8 NO 230 V ac - 50/60 Hz

GW A9 103 KNX 3-channel 16 AX
with energy meter
3 NO 230 V ac - 50/60 Hz

Roller shutters actuators

- GW 10797 Glossy white
- GW 15797 Satin white
- GW 13797 Sat. natural beige
- GW 12797 Satin black
- GW 14797 Glossy titanium

KNX 1-channel 6 A
230 V ac - 50/60 Hz

GW 90856 KNX 2-channel 6 A
230 V ac - 50/60 Hz

GW 90857 KNX 4-channel 6 A
230 V ac - 50/60 Hz

Fan-coil actuators

GW A9 140 KNX fan-coil
230 V ac - 50 Hz

GW A9 141 KNX fan-coil 0-10V
100-240 V ac - 50/60 Hz

GW A9 145 Temperature probe sensor

Combined actuators

GW 90730 KNX 4-channel 16A switch actuator
+ 4 universal inputs

GW A9 126 KNX 6/12-channel 8 AX
switch and roller shutter actuator
12 NO 230 V ac - 50/60 Hz

Dimmer actuators

GW A9 313 For electronic ballasts 1-10V
KNX 3-channel 16 AX
230 V ac - 50/60 Hz

GW A9 301 Universal
KNX 1-channel 500 VA
230V ac - 50/60 Hz

GW A9 302 Universal
KNX 2-channel 300 VA
230V ac - 50/60 Hz

GW A9 303 Universal
KNX 2-channel 400W (or 1-channel 800W)
230 V ac - 50 Hz

Dimmer actuators

GW A9 350 Bleeder

GW 90764 For CVD LED
KNX 4-channel
12-24 V dc

GW 90765 For CVD LED
KNX 4-channel
12-48 V dc

GW 90766 Booster for CVD LED
dimmer 4x10A
12-24 V dc

TEMPERATURE CONTROL - KNX

Climate control

KNX timed thermostats/programmers
with humidity management (*)

- GW 10794 H Glossy white
- GW 15794 H Satin white
- GW 13794 H Sat. natural beige
- GW 12794 H Satin black
- GW 14794 H Glossy titanium

KNX thermostats
with humidity management (*)

- GW 10795 H Glossy white
- GW 15795 H Satin white
- GW 13795 H Sat. natural beige
- GW 12795 H Satin black
- GW 14795 H Glossy titanium

KNX temperature sensors

- GW 10799 Glossy white
- GW 15799 Satin white
- GW 13799 Sat. natural beige
- GW 12799 Satin black
- GW 14799 Glossy titanium

KNX temperature/humidity sensors

- GW 10799 H Glossy white
- GW 15799 H Satin white
- GW 13799 H Sat. natural beige
- GW 12799 H Satin black
- GW 14799 H Glossy titanium

KNX temperature/humidity probe sensors

- GW 10762 H Glossy white
- GW 15762 H Satin white
- GW 13762 H Sat. natural beige
- GW 12762 H Satin black
- GW 14762 H Glossy titanium

Temperature probe sensors

- GW 10900 Glossy white
- GW 15900 Satin white
- GW 13900 Sat. natural beige
- GW 12900 Satin black
- GW 14900 Glossy titanium

GW 10800 Temperature probe sensor

KNX Thermo ICE thermostats
12-24 V ac/dc

- GW 16974 CB Glossy white
- GW 16974 CL Glossy natural beige
- GW 16974 CN Glossy black
- GW 16974 CT Glossy titanium

KNX Thermo ICE thermostats
110/230 V ac - 50/60 Hz
Wall-mounting

- GW 16976 CB Glossy white
- GW 16976 CL Glossy natural beige
- GW 16976 CN Glossy black
- GW 16976 CT Glossy titanium

GW 10720 Power supply
100/240 V ac-50/60 Hz
12 V dc

(*) Not equipped with on boards humidity sensor.

WEATHER SENSORS - KNX

Devices

GW 90800 KNX weather station

GW 90884 KNX light intensity sensor

GW 90885 KNX temperature sensor

ENERGY CONTROL - KNX

P-Comfort

GW A9 916 KNX P-Comfort
230 V ac - 50 Hz

KNX energy meters

GW A9 801 KNX single-phase direct connection

Traditional energy meters

GW D6 801 Single-phase direct connection
GW D6 802 Single-phase direct connection MID

GW D6 807 Three-phase direct connection MID

GW D6 809 Three-phase A.T. connection MID

Interfaces

GW 90876 KNX interface for traditional energy meters

ACCESS CONTROL AND HOTEL MANAGEMENT - KNX

Transponder units

KNX transponder card reader unit
12/24 V ac/dc

- GW 16891 CB Glossy white
- GW 16891 CL Glossy natural beige
- GW 16891 CN Glossy black
- GW 16891 CT Glossy titanium

KNX transponder card holder unit
12/24 V ac/dc

- GW 16892 CB Glossy white
- GW 16892 CL Glossy natural beige
- GW 16892 CN Glossy black
- GW 16892 CT Glossy titanium

Transponder card programming unit
USB powered

GW 16899 Transponder card

Software

GW HOST Hotel management software

- GW A9 787 Up to 15 pages
- GW A9 788 Up to 35 pages
- GW A9 789 Up to 100 pages
- GW A9 790 More than 100 pages

COMPLEMENTARY ITEMS - KNX

Interfaces

GW 90871 Gateway KNX/DMX

GW 90873 Gateway KNX/DALI2
multimaster 64/16

Accessories

GW 90807 Connection terminal to BUS
(red/black)

GW 90808 Connection terminal to SELV line
(yellow/white)

GW 90584 KNX BUS cable
2 conductors 1x2x0.8

GW 90585 KNX BUS cable
4 conductors 2x2x0.8

COMMERCIAL TECHNICAL TABLES

TRANSPONDER UNITS



GW 16 891 CN

KNX TRANSPONDER CARD READER UNIT

Code	Colour	Power supply	Dimensions LxHxD (mm)	Pack Carton
GW 16 891 CB	White	SELV: 12-24 Vac 50/60 Hz, 12-32 Vdc	110x78x12.1	1
GW 16 891 CL	Natural beige	SELV: 12-24 Vac 50/60 Hz, 12-32 Vdc	110x78x12.1	1
GW 16 891 CN	Black	SELV: 12-24 Vac 50/60 Hz, 12-32 Vdc	110x78x12.1	1
GW 16 891 CT	Titanium	SELV: 12-24 Vac 50/60 Hz, 12-32 Vdc	110x78x12.1	1

CHARACTERISTICS: the transponder card reader unit allows the recognition of cards with RFID - MIFARE® transponder technology (use the cards from Gewiss catalogue). Card recognition is reported to the hotel access control and management software and can be configured to control other actions and automations. The devices are equipped with 2 inputs for potential-free contacts and 2 NO relay outputs for SELV circuits (max switching voltage 30Vdc / 24Vac, max switching current 5A(AC) 1A(AC3)).

APPLICATIONS: the inputs can be used to detect the status of sensors or to send on/off and toggle commands, dimming commands (1 or 2 buttons), shutter commands, sequence commands, scenario commands, short/long press commands; the pulse counter function is also available. The outputs can control generic loads on, off, timed on, with flashing. The devices implement advanced logical functions and the "Virtual card holder" function.

NOTES: the devices include a technopolymer front plate and a KNX bus terminal; the devices are suitable for screw fixing on 3-module rectangular (GW24403, GW24403PM), round (GW24234, GW24234PM) or square (GW24231) boxes.



GW 16 892 CN

KNX TRANSPONDER CARD HOLDER UNIT

Code	Colour	Power supply	Dimensions LxHxD (mm)	Pack Carton
GW 16 892 CB	White	SELV: 12-24 Vac 50/60 Hz, 12-32 Vdc	110x78x12.1	1
GW 16 892 CL	Natural beige	SELV: 12-24 Vac 50/60 Hz, 12-32 Vdc	110x78x12.1	1
GW 16 892 CN	Black	SELV: 12-24 Vac 50/60 Hz, 12-32 Vdc	110x78x12.1	1
GW 16 892 CT	Titanium	SELV: 12-24 Vac 50/60 Hz, 12-32 Vdc	110x78x12.1	1

CHARACTERISTICS: the transponder card holder unit allows the recognition of cards with RFID - MIFARE® transponder technology (use the cards from Gewiss catalogue). Card recognition is reported to the hotel access control and management software and can be configured to control other actions and automations. The devices are equipped with 2 inputs for potential-free contacts and 2 NO relay outputs for SELV circuits (max switching voltage 30Vdc / 24Vac, max switching current 5A(AC) 1A(AC3)).

APPLICATIONS: the inputs can be used to detect the status of sensors or to send on/off and toggle commands, dimming commands (1 or 2 buttons), shutter commands, sequence commands, scenario commands, short/long press commands; the pulse counter function is also available. The outputs can control generic loads on, off, timed on, with flashing. The devices implement advanced logical functions and the "Virtual card holder" function.

NOTES: the devices include a technopolymer front plate and a KNX bus terminal; the devices are suitable for screw fixing on 3-module rectangular (GW24403, GW24403PM), round (GW24234, GW24234PM) or square (GW24231) boxes.



GW 16 893 CN

TRANSPONDER CARD PROGRAMMING UNIT

Code	Colour	Power supply	Dimensions LxHxD (mm)	Pack Carton
GW 16 893 CN	Black	via USB	96x98x100	1

CHARACTERISTICS: the transponder card programming unit allows the writing/reading of cards with RFID - MIFARE® transponder technology (use the cards from Gewiss catalogue). Powered directly via USB cable connected to a USB port (5V 160mA) of the card programming PC (e.g. reception).

APPLICATIONS: to program the cards, a client license must be installed on the PC (included in the GW Host software package).

NOTES: the device is supplied already installed in a table box complete with technopolymer front plate and USB cable.



GW 16 899

MIFARE® TRANSPONDER CARD

Code	Dimensions LxH (mm)	Pack Carton
GW 16 899	86x54	10

CHARACTERISTICS: the card can be programmed using a transponder programming unit. The same card can be enabled for more than one transponder reader units and transponder holder units.

NOTES: space available for customization (e.g. with hotel name and logo), for customization requests contact the Gewiss sales organization.

SOFTWARE



GW A9 787

GW HOST

Code	Description	No. pages managed	Mini-PC included	No. client licenses included	Pack Carton
GW A9 787	GW Host hotel management sw	Up to 15	Yes	3	1
GW A9 788	GW Host hotel management sw	Up to 35	Yes	3	1
GW A9 789	GW Host hotel management sw	Up to 100	Yes	3	1
GW A9 790	GW Host hotel management sw	More than 100	Yes	3	1

CHARACTERISTICS: software developed to dialog with devices on KNX bus, suitable for the access management in hotel facilities and tertiary, with different sizes according to the number of required supervision pages (rooms, common areas, etc.). They include the GW Host software pre-installed in a mini-PC with USB dongle license and 3 client licenses that can be installed in as many PCs running Windows (es: reception). For additional client licenses (necessary in case more than 3 PCs are required to be connected to the mini-PC) or how to interface GW Host with the most common hotel management sw, please refer to the Gewiss technical assistance.

NOTES: the mini-PC included in GW Host is a compact hardware platform, based on Microsoft® Windows, that connects to the PC in reception via LAN network.

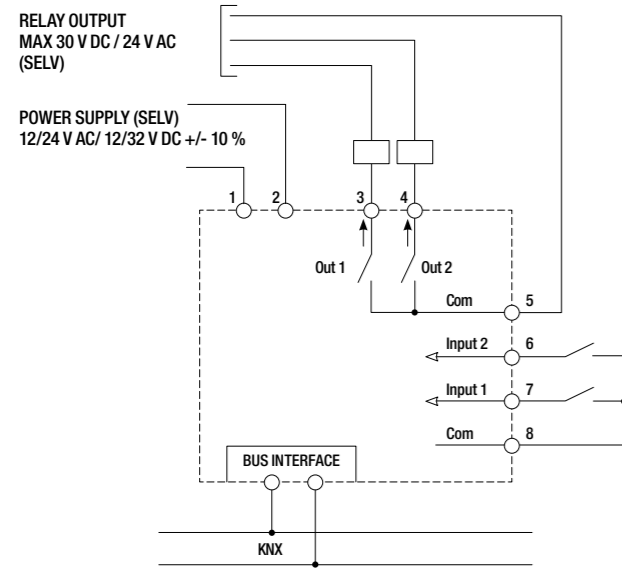
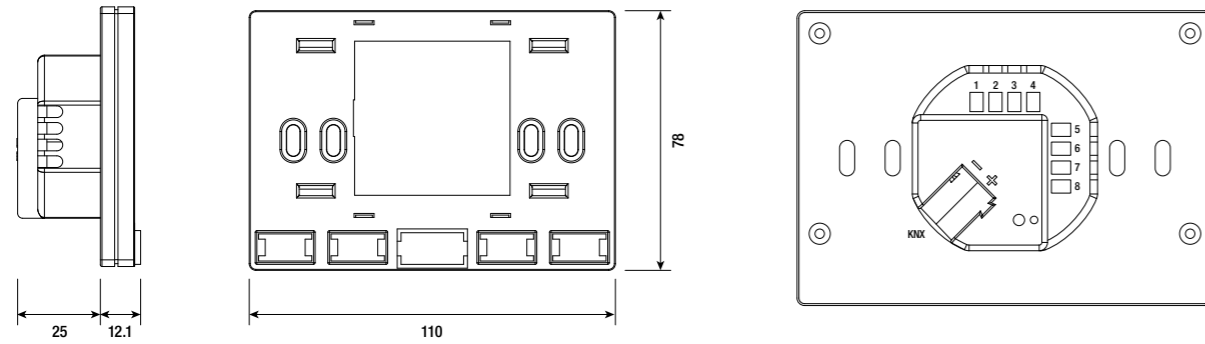
NEWS

Scan the QR Code
to discover the
Home&Building Pro
system



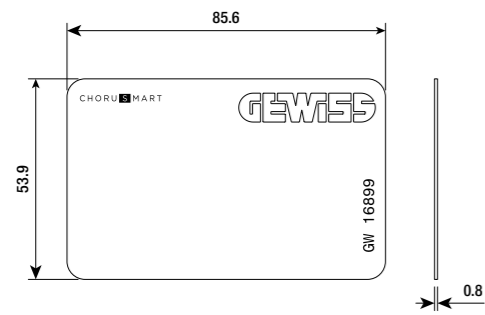
DIMENSION TABLES AND ELECTRICAL CONNECTIONS

CARD READER AND CARD HOLDER UNITS

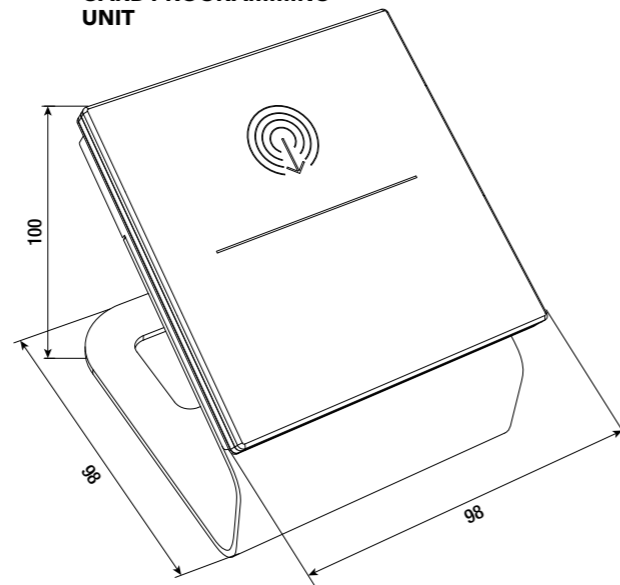


1. AUX power supply (must be SELV)
2. AUX power supply (must be SELV)
3. NO relay contact 1 (OUT1)
4. NO relay contact 2 (OUT2)
5. Common relay OUT1 + OUT2
6. Potential-free input 1 (IN1)
7. Potential-free input 2 (IN2)
8. Common IN1 + IN2

TRANSPONDER CARDS



CARD PROGRAMMING UNIT



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Economic and Administrative Index 107496 - Share Capital EUR 60,000,000.00 fully paid up

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