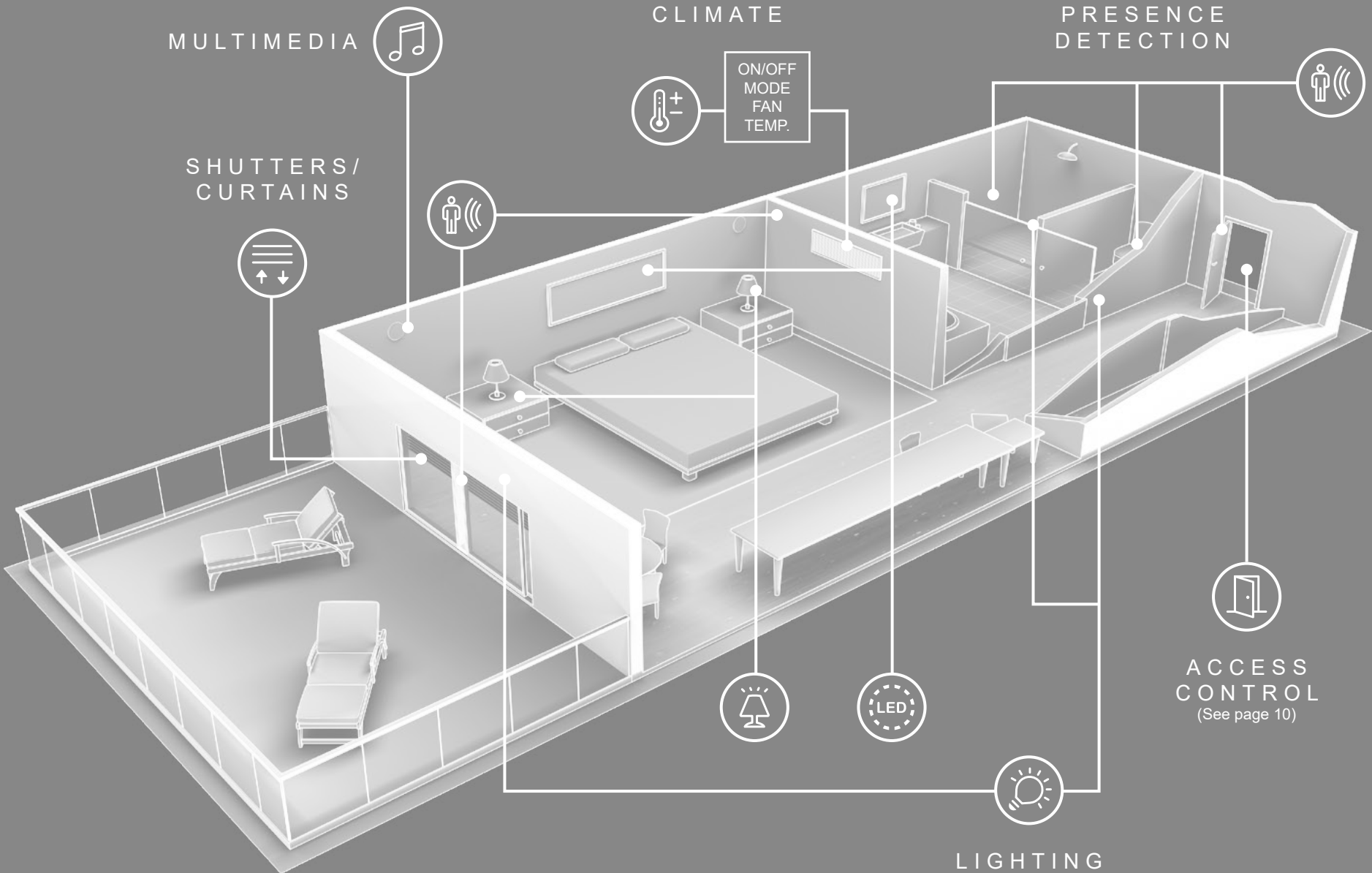


Zennio[®]

Residential, Commercial and Hotel Automation Solutions

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HOTEL AUTOMATION SOLUTIONS



Specialist in hotels technology

The guests of your hotel value, above the classic concepts, technology put at their disposal to improve their comfort and sense of control.

Thanks to thermostats, totally customisable touch switches, compatible with aesthetics of other installed mechanisms, and even their own smartphones and tablets, guests can enjoy the light dimming, access system, audio-video and a precise climate control, among others. Thus, one of the main sources of complaints becomes a competitive strength.

It is possible to achieve this objective at zero cost, due to the fast return on investment.

Moreover, Zennio helps you with your hotel ratings in Booking® and TripAdvisor® through a specialized technological contract.



AUTOMATION SOLUTIONS FOR HOTELS

Lighting control.

- All type of lamps, including dimming and RGB color selection to recreate the room with scenes, as well as DALI system management.
- Special electronics for capacitive loads to achieve a longer life for the system.
- General OFF with a single press of the guest for their convenience.
- Light guide towards the bathroom at night thanks to presence detection in strategic positions, to avoid blinding or disturbing other guests in the same room.
- Integration of decorative outdoor lighting, such as the one in facade and terrace, in a single control system.
- Welcome scenes in the room to the hotel experience manager's choice.
- General OFF when no presence is detected with custom delays in critical circuits.
- Management of special sockets: fridge, coffee machine, 24h laptop chargers with current limitation, etc.

Blinds and solar protection control.

- Shutters, blackouts, venetian blinds, roller blinds and curtains.
- Solar protection for the indoor furniture.
- Positioning according to energy management.
- Scenes integration.

Climate control.

- Any heating or air conditioning system, including fan coils, splits, variable refrigerant volume, chilled beam, etc.
- Setting a different setpoint temperature and fan speed according to the guest presence: comfort, standby, economy and protection.
- Automatic turn off of climate system when a window is opened, with a warning in BMS/GRMS.
- Humidity control in tropical areas or places with high humidity and dew risk, to reduce it and avoid bad smells, damage of furniture and excessive energy consumption.
- Air quality management and forced ventilation.

Presence detection.

- Advanced algorithm for presence detection of guest, infallible to establish automatic climate management policies, dynamically adjustable according to the hotel specific needs.
- Selective cancellation of this presence detection for Vip.
- Information available for the hotel staff.
- Growing productivity of Housekeeping.

Common areas.

- In addition to room control, the system allows an integrated control of public areas such as restaurants, reception, meeting rooms, spa, gym, swimming pool and outdoor terraces.
- Lighting control with presence detection in all kind of corridors or waiting rooms.

Energy management.

- Room energy consumption measurement of electric and climate system consumption
- Water consumption measurement, warning Maintenance service when there is consumption without a guest in the room.
- Positioning the enclosures to avoid solar radiation and reduce energy consumption.

Advanced controls.

- The hotel staff can take any type of control through BMS/GRMS.
- Guests can control all the elements in room through their smartphones or tablets with apps, either the hotel proprietary app or the Zennio app free of charge.

Audio system integration.

- Guest can enjoy their own audio contents (Spotify®, Youtube®...), by pairing their smartphone with the system through Bluetooth®.
- Two channels with independent volume settings allow the guest to enjoy audio from their own smartphone or the auxiliary TV output in both the bedroom and the bathroom.
- Loudspeakers are connected to an amplifier in the Zennio KNX automation system and their volume can be restricted through BMS/GRMS.

Access control.

(See the following page for this functionality).

Access control

- ❑ Seamless online and offline operation with backups
- ❑ NFC and Bluetooth operation
- ❑ MIFARE DESFire EV1 and MIFARE Classic cards encryption, compatible with other RFID cards
- ❑ The access control uses the existing infrastructure such as the IP network and the KNX bus, based around encrypted protocols
- ❑ Guest and hotel staff access information recorded in real time
- ❑ Cards can be enabled or disabled from hotel reception
- ❑ Full visualization and reports
- ❑ Staff access limitation according to DND/MUR and presence
- ❑ Define timetables for common areas access
- ❑ KNX certified



Why choosing Zennio access control?

- Design: smart, simple and customisable to combine with any environment and decor
- Security: Encrypted communication between the door opening relay and the card reader to avoid sabotage
- Integration: Between BMS/PMS/GRMS and the automation system to adjust room status (lights, blinds, HVAC, presence...)

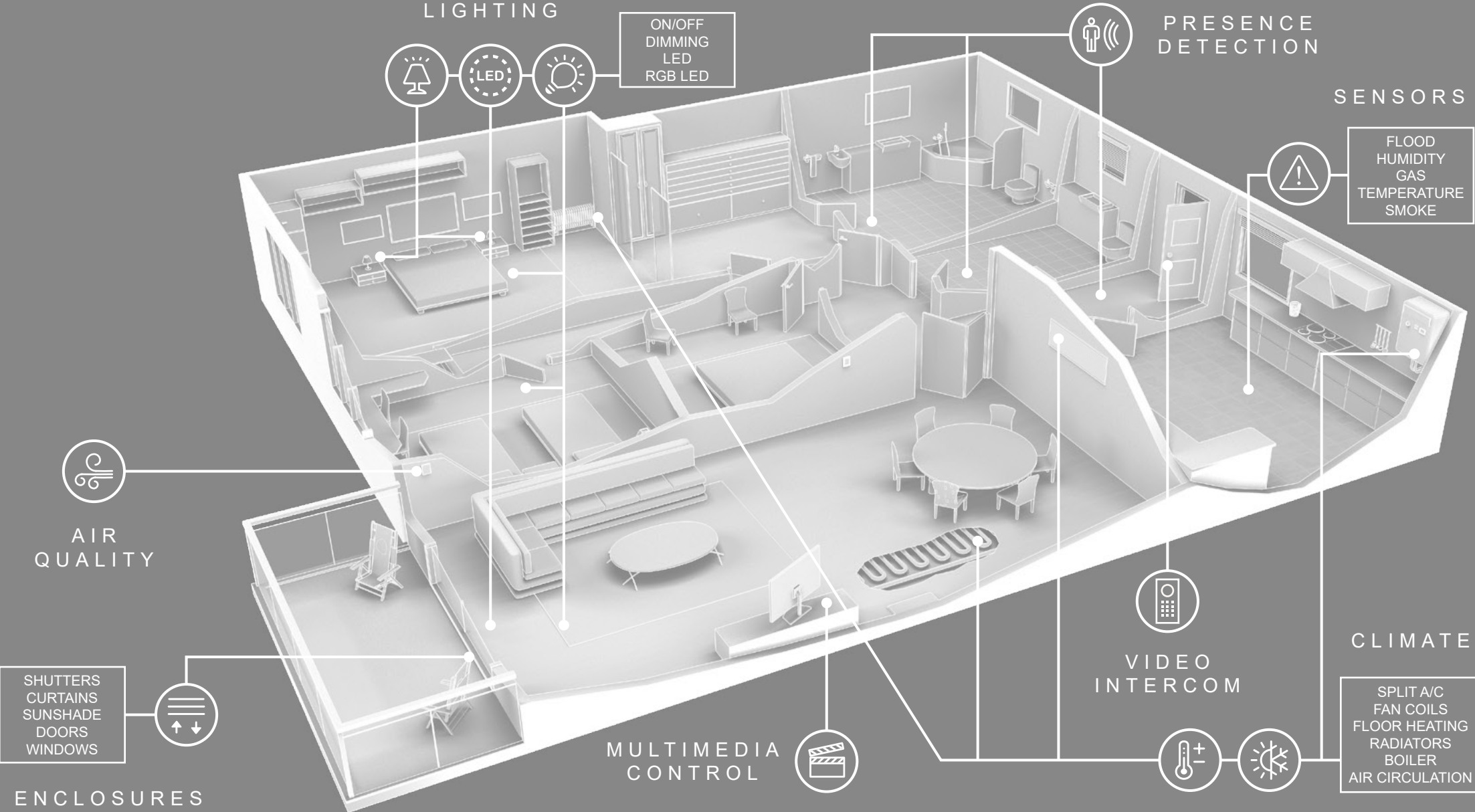
Zennio BMS/GRMS. Technical Management of Hotels

What is a BMS/GRMS and what is it for?

- Building Management System/Guest Room Management System is an intelligent system for the technical management of hotels that allows the control and supervision of a hotel centrally.
- In plain words, it means making the most of the hotel facilities by reducing energy consumption and providing critical information to the hotel management for data-based decision making.



RESIDENTIAL AUTOMATION SOLUTIONS



RELIABLE TECHNOLOGY

What can we do for you?

- Control of all home automation functions from a single system based on KNX standard: reliable, robust and proved in millions of installations.
- Coordinate professionals for climate, lighting, shutters, sunshades, air quality, multimedia, access control and the communication with them, including video intercom.
- Safeguard your home and notify you in case of any risk, such as fire, flood, smoke, gas or intrusion.
- Use your own smartphone or tablet as a remote controller inside and outside your home.

How is it aesthetically?

- Smart, without switches or other additional remote controllers in walls. A single device with all the control.
- Touch panels and switches with capacitive technology and designed by you.
- One design for all the rooms and functions.
- Compatible with standard electrical accessories such as sockets, push buttons, switches, USB chargers or data outlets.

Why is it reliable?

- We design, together with the final owner and/or technicians the control system for the project, integrating all the necessary elements according to their needs.
- We help the installer in charge of the project execution.
- We certify the right installation of the system.
- We keep the documentation of the project for the owner.
- We are responsible for guarantees, enlargements and maintenances, exempting the developer once the installation is certified.

AUTOMATION SOLUTIONS FOR RESIDENTIAL BUILDINGS

Local and remote control of the residential building.

- ❑ Local control through capacitive touch panels and customizable switches with ambient luminosity and proximity sensors, all multifunction devices.
- ❑ User can create scenes, macros, timers and schedulers.
- ❑ Motion and presence detection for function activation.
- ❑ Interaction with the residential building from outdoors through certificated apps for mobile devices, including alarms reception.

Lighting.

- ❑ Lighting control: incandescent lamps, fluorescent tubes, halogen lamps, LED, RGB, RGBW, DALI, ON/OFF, dimming and scenes.
- ❑ Indoor lighting management according to natural light input.
- ❑ Outdoor lighting control in gardens, swimming pools and other common or private areas.

Blinds and solar protection.

- ❑ Motorized enclosures control: shutters, sunshades, venetian blind, blinds with slats, doors, windows and garages. Up/down, positioning and scenes.
- ❑ Advanced management of facades in terms of security, cleaning and lowering the energy consumption.

Climate and air quality.

- ❑ Integral climate control: radiators, radiant floor or ceiling for heating and/or cooling, air to water heat pump systems, geothermal systems, solar water heating and water heating tank.
- ❑ Forced ventilation control.
- ❑ Measurement of air quality.

Multimedia.

- ❑ Audio/video systems integration through IR.

Technical alarms.

- ❑ Technical alarms detection: smoke, gas, fire, flood and intrusion. Automatic outage and warning to user.

Energy management.

- ❑ Integration of smart electrical appliances.
- ❑ Power disconnection of electrical appliances, watering system and sockets near rest areas to reduce electromagnetic noise.
- ❑ Energy consumption measurement and management: electric, water, gas and others, to activate-deactivate circuits according to user policies.
- ❑ Residential building management with nearly zero consumption.

Video intercom.

- ❑ Integration of the video intercom system and home automation in the same touch panel, for single residential buildings or for any type of residential building.
- ❑ Remote door opening with electric strike.
- ❑ Access control in private and public areas.

Security.

- ❑ Integration with intrusion alarm, connected with the alarm monitoring company.
- ❑ Panic room control.

COMMERCIAL AUTOMATION SOLUTIONS

RETAIL
ENVIROMENTS

FRANCHISES

BRANCH OFFICES
NETWORK

AUTOMATION SOLUTIONS FOR COMMERCIAL BUILDINGS

Retail environments:

Integral lighting management.

- Constant lighting regulation according to external light input.
- All kind of lamps and field bus like DALI.

Climate management.

- Machine rooms.
- Air treatment units.
- Variable air volume ventilation systems.
- Variable refrigerant volume systems.
- Chillers, fan coils, splits and cassettes.
- Forced ventilation.
- Humidity and air quality control.

Doors, window and blinds control.

- Doors, windows, shutters and sunshades.
- Integration with the security system.

Presence.

- Activation of functions according to presence detection and crowd density.

Access control.

- Access control system integrated in KNX bus.

Measuring and managing consumption.

- Energy, cold and hot water and gas.

BMS (Building Management System).

- Local for maintenance management in the building.
- Remote for centralized maintenance management of several buildings.

Franchises:

- Franchises of restaurant, fashion, design, building materials, etc.
- Climate control, air quality, lighting, security, enclosures, etc.
- Customisation of touch switches with the franchise branding.
- Control of installations through tablets and smartphones.
- Scenes can be defined and reconfigured by franchise directors according to the customers' experience.
- Schedulers for activations, temperature setpoints and scenes.
- Energy consumption management.
- System monitoring and updating, both locally and remotely.
- Full management through franchise proprietary networks or through Zennio Cloud-based solutions.
- Reception and handling of customers' feedback with satisfaction surveys about service and quality in franchises.
- Access control system.
- BMS (Building Management System). Local for maintenance management.
- BMS (Building Management System). Remote for centralised maintenance management of several franchises.

Branch offices network:

- Banks, transport, etc.
- Climate control, air quality, lighting, security, enclosures, etc.
- Customisation of touch switches with the company branding.
- Control of the installation with tablets and smartphones.
- Schedulers for activations, temperature setpoints and scenes.
- Energy consumption management.
- System monitoring and updating, both locally and remotely.
- Reception and handling of customers' feedback with satisfaction surveys about service and quality.
- Activation of functions according to presence detection and crowd density.
- BMS (Building Management System). Local for maintenance management.
- BMS (Building Management System). Remote for centralised maintenance management of several branch offices.

PRODUCTS

Z35

Capacitive touch panel with a backlit 3.5" display, proximity sensor, internal temperature probe and two independent thermostats.

56 control points/buttons divided over 7 pages. The built-in proximity sensor makes the screensaver (image, time and date and/or temperature) appear when the touch panel is not being used and the luminosity sensor adjusts the brightness automatically.

4 analog-digital inputs included to be configured as binary inputs, sensors, push buttons, temperature probes or motion detectors.

Accessories: temperature probe and motion sensor.

Available cover options:



Anthracite



Silver



White



Gloss white



ZVI-Z35-A
(86 x 86 x 10 mm)



Z35 installed in **Hotel & Spa La Residencia Puerto Tarifa** (Cádiz) - Spain.
www.laresidenciatarifa.com

The hotel has rooms with the latest technology for the guest to get a superior experience: lighting regulation, air conditioning management, execution of personalized scenes, indication of privacy status in room, and so on.

Z40

Capacitive touch panel with a backlit 4.1" display, proximity sensor, internal temperature probe and two independent thermostats.

56 control points/buttons divided over 7 pages. The built-in proximity sensor makes the screensaver (image, time and date and/or temperature) appear when the touch panel is not being used and the luminosity sensor adjusts the brightness automatically.

4 analog-digital inputs included to be configured as binary inputs, sensors, push buttons, temperature probes or motion detectors.

Installation in standard European, Italian, Australian and American back boxes.

Accessories: temperature probe and motion sensor.



ZVIZ40S
(90 x 124 x 11.5 mm)

Available cover options:



Anthracite



Silver



White



Gloss white



Z70

Color capacitive touch panel with 7" display for total control in smart homes and hotel rooms in a minimalist aesthetic environment.

The built-in proximity sensor makes the screensaver appear when the touch panel is not being used and the luminosity sensor adjusts the brightness automatically. Z70 incorporates an internal temperature probe, 2 thermostats and 4 analog-digital inputs. It includes USB and Ethernet port for program update. Installation in European/English standard double back box.

Advanced features can be activated with the following licenses:

- Smartphone Control License – Remote control from smartphones and tablets through a mobile app.
- Video Intercom License – Integration with the video intercom Zennio GetFace IP.

Accessories: temperature probe and motion sensor.



ZVIZ70V2A
(137 x 189 x 12 mm)

Available cover options:



Anthracite



Silver



White



Gloss white



Z41 Lite

Z41 Lite is a capacitive touch panel which represents an advance in digital home control.

Minimalist aesthetics, dominated by simple forms, lead to a timeless design that facilitates integration within working and living environments. Its 4.1" color display in portrait (3:4) makes your management and enjoyment easier. Up to 96 controls to enable distributed communication within the intelligent home.

Z41 Lite includes an internal clock with battery, USB port for program updates and 2 analog-digital inputs for great functionality.

Accessories: temperature probe and motion sensor.

Frame options:



Polycarbonate
Anthracite



Polycarbonate
Silver



Polycarbonate
White



Aluminium



Golden



Chrome

Flush-mounted:



Accessory
ZAC-FLTMD



Brass



ZVI-Z41LIT-W
(123 x 90 x 13 mm)



Z41 Pro

Z41 Pro is a capacitive touch panel with up to 96 control functions.

Minimalist aesthetics, dominated by simple forms, lead to a timeless design that facilitates integration within working and living environments. Its 4.1" color display in portrait (3:4) makes your management and enjoyment easier. Up to 96 controls to enable distributed communication within the intelligent home.

Z41 Pro includes an internal clock with battery, USB port for program updates and 2 analog-digital inputs for great functionality. An IP port is incorporated for remote control from smartphones or tablets through free mobile apps.

Accessories: temperature probe and motion sensor.

Frame options:



Polycarbonate
Anthracite



Polycarbonate
Silver



Polycarbonate
White



Aluminium



Golden



Chrome

Flush-mounted:



Accessory
ZAC-FLTMD



Brass



ZVI-Z41PRO-SP
(123 x 90 x 13 mm)



Remote control

App for the visualization and control from mobile devices (smartphones y tablets).
You will be able to interact with your installation in a quick, easy and safe way anywhere, anytime!
You only need a Z41 Pro/COM or Z70 (with Smartphone Control License) connected to the Internet.



Automatic real-time notifications and alerts in your mobile device.

Complete management and remote controlling of air conditioning, heating, lighting and other systems.

Scenes activation (enter, exit, relax, work...).



Zennio Remote
Z41 Remote



Z41 COM

Z41 COM is a capacitive touch panel with additional communication features, including video intercom based in Zennio GetFace IP System.

Complying with minimalist aesthetics and with the control capabilities of Z41 family (up to 96 functions available), Z41 COM allows a complete communication in smart homes, thanks to the integration with the video intercom Zennio GetFace IP, including microphone and loudspeakers. Remote control from smartphones and tablets through the free mobile app Z41 Remote.

It includes USB port for configuration download and Ethernet port. Plug&play system without additional configurations. Installation in portrait or landscape is possible. It does not include inputs. Not compatible with other video intercom systems different from Zennio GetFace IP.

Frame options:



Polycarbonate Anthracite



Polycarbonate Silver



Polycarbonate White



ZVI-Z41COM-AP
(123 x 90 x 13 mm)



GetFace IP Video Intercom

Zennio GetFace IP is a video intercom solution that includes outdoor units and accessories (keypad, individual buttons module, RFID card reader, bluetooth, finger print reader...) combined with Z41 COM and Z70 touch panels. Receive, answer calls and open from the touch panels or your mobile app (ZenCom app).

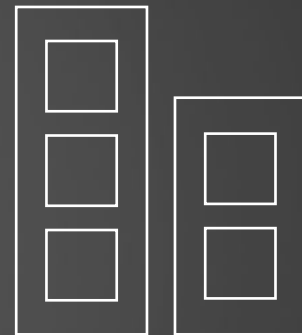
Suitable for single and multi dwelling developments of any size.



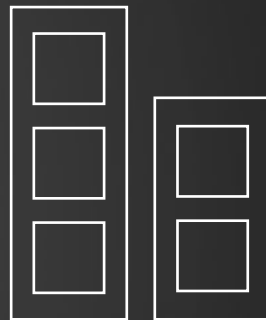
Anthracite



Silver



Flush installation frames
ZVP-FFRA1/2/3



Surface installation frames
ZVP-CB1M/2M/3M



Access control - IDAC

Zennio access controller for installation in the door blade, compatible with NFC and BlueTooth® devices.

Rechargeable batteries to allow operation during a power failure.

Standard designs available with backlit icons for both the internal (with DND and MUR, only DND or no buttons) and external (with or without doorbell) modules. Smart and simple to combine with any environment and decor.

Programmable LED to indicate/allow access and room status based on DND/MUR and presence to improve guests' privacy.

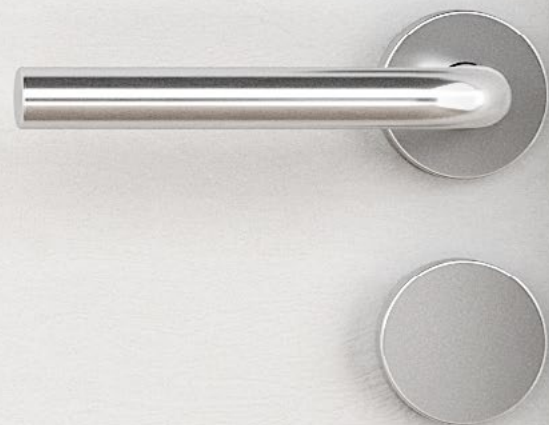
Door can always be opened from the inside. Safe lock to prevent opening the door with credit cards.

Different available options for handles and cover plates.

Zennio Server required. Other accessories are NFC Card Recorder and NFC Cards. Compatible with MIFARE DESFire EV1 and MIFARE Classic cards.



ZVUIDACOUTA2
(62 x 78 x 10 mm)



Available cover options:



Anthracite



Silver



White



Access control - IWAC Display

Zennio customisable access controller for installation in the wall, compatible with NFC and BlueTooth® devices.

2.4" OLED display to show room number, name and room status (DND/MUR) in multiple languages. Fully customisable allowing images, texts, icons and logos printed on tempered glass. 3 configurable buttons available which can be used for doorbell, corridor lighting or specific staff functions.

2 analog-digital inputs included to be configured as binary inputs, sensors, push buttons, temperature probes or motion detectors. Secure door opening via encrypted communication with Securel security relay. Zennio server required. Freedom to choose door locks and handles.

Standard or customised. Other available accessories are electric strike, NFC card recorder and NFC cards. Compatible with MIFARE DESFire EV1 and MIFARE Classic cards.

Available cover options:



Anthracite



Silver



White



ZVIIWACDV3
(81 x 81 x 9 mm)



IWAC Display - Standard design



ZVIIWACDV3A
(81 x 81 x 9 mm)

Available colors:



Available options:



Customisable capacitive touch panels

Flat · TMD · Tecla

Fully customisable capacitive touch panels to fulfil the design requirements of any automation project needing touch panels with a custom aesthetic, either by branding or coherence with the environment.

TMD Design is a web application from which it is possible to customise these series touch panels in an aesthetical and functional way.

Flat and TMD family designs are printed on high strength tempered glass. You can select a color or add an image as a background, modify the color and shape of the tactile areas and LED indicators or add graphic elements in an intuitive way. A complete set of icons is available along with the ability of adding text to complete your design.

For Tecla, the backlit icons can be selected to easily identify each button in an anthracite, silver or white polycarbonate finish.

Endless combinations for creating your unique design.



Flat Display - Customisable

Backlit capacitive touch panel in Flat family, with proximity sensor, flat design (9 mm) and total customisation.

Anyone can create unique compositions, including images, icons, texts or logos, which are printed on a high strength tempered glass. Room control is simple with the 5 buttons available and up to 8 indicators can be shown on its 2.4" display. The backlit icons for buttons regulate their brightness with the included ambient luminosity sensor and attenuate when the user is not detected by the proximity sensor.

Flat Display includes an internal temperature probe and thermostat, as well as 2 analog-digital inputs that may be configured for potential-free sensors and push buttons, temperature probes or motion sensors.

Accessories: temperature probe and motion sensor.

Available cover options:



Anthracite



Silver



White



Gloss white



ZVI-FD
(81 x 81 x 9 mm)



Flat 1/2/4/6 - Customisable

Customisable backlit capacitive touch switches in the Flat family with proximity sensor and flat design (9mm).

Create unique designs, including images, icons, texts or logos printed on tempered glass. 1, 2, 4 or 6 button versions available all with backlit icons, that adapt according to ambient luminosity and proximity sensor.

Flat incorporates an internal temperature probe and thermostat, as well as 2 analog-digital inputs to be configured as binary inputs, sensors, push buttons, temperature probes or motion detectors.

Accessories: temperature probe and motion sensor.

Available cover options:



Anthracite



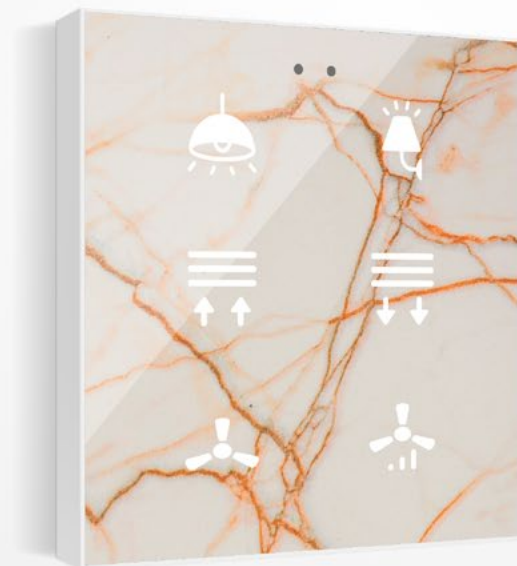
Silver



White



Gloss white



ZVIF6V2
(81 x 81 x 9 mm)





ZVIF4V2
(81 x 81 x 9 mm)



ZVIF2V2
(81 x 81 x 9 mm)



Flat 1/2/4/6 - Standard design

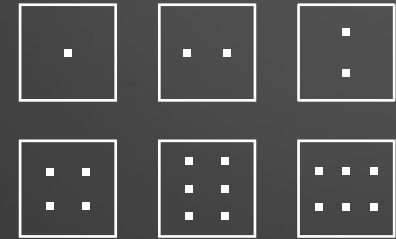


ZVIF1V2A
(81 x 81 x 9 mm)

Available colors:



Available options:



Flat XL 4/6/8/10 - Customisable

Customisable backlit capacitive touch switches in the Flat family with proximity sensor and flat design (9 mm) in XL format.

Create unique designs, including images, icons, texts or logos printed on tempered glass. 4, 6, 8 or 10-button versions available all with backlit icons that adapt according to ambient luminosity and proximity sensor. Flat XL 4/6/8/10 incorporates an internal temperature probe and thermostat, as well as 2 analog-digital inputs to be configured as binary inputs, sensors, push buttons, temperature probes or motion detectors. Installation in European, Italian, Australian, American or British standard back box.

Accessories: temperature probe and motion sensor.

Available models: Standard White/Gloss White/Black/Silver or Customised.

Available cover options:



Anthracite



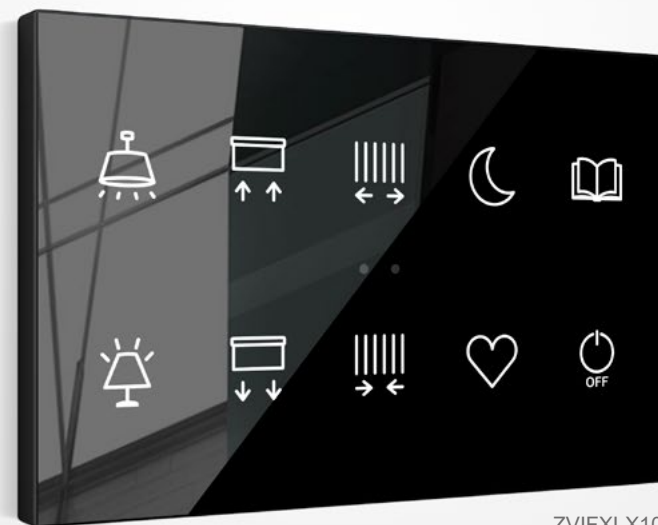
Silver



White



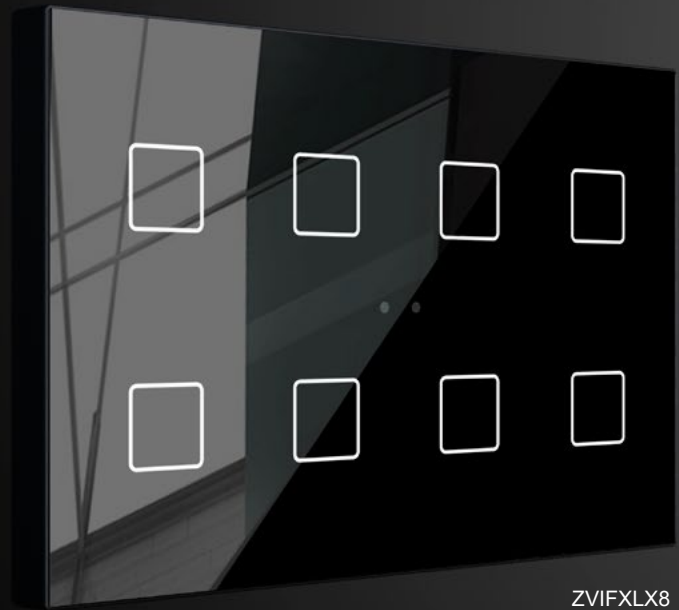
Gloss white



ZVIFXLX10
(82 x 120 x 9 mm)



Flat XL 4/6/8/10 - Standard design

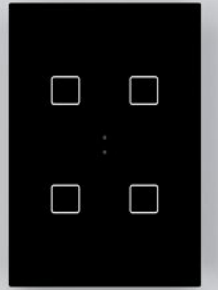
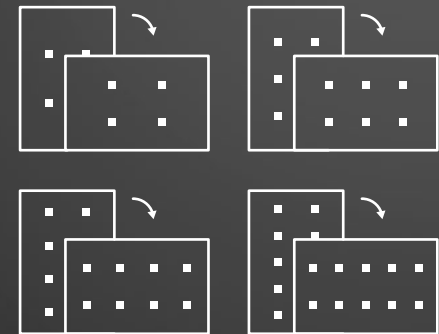


ZVIFXLX8
(82 x 120 x 9 mm)

Available colors:



Available options:



Flat 55 Display - Customisable

Backlit capacitive touch panel with round display in Flat 55 family (standard frames 55x55 mm), with proximity sensor, flat design, with total customisation. Flush fitting with Zennio ZS55 frames, switches and sockets.

Anyone can create unique compositions, including images, icons, texts or logos, which are printed on a high strength tempered glass. Room control is simple with the 4 buttons available and up to 4 indicators can be shown on its central display. The backlit icons for buttons regulate their brightness with the included ambient luminosity sensor and attenuate when the user is not detected by the proximity sensor.

Flat 55 Display includes a thermostat, as well as 2 analog-digital inputs that may be configured for potential-free sensors and push buttons, temperature probes or motion sensors. Installation in standard mounting box with 55x55 frames of 1/2/3/4 modules (white, gloss white, anthracite or silver). Frame not included.

Accessories: temperature probe (included) and motion sensor.

Available cover options:



Anthracite



Silver



White



Gloss white



ZVI-F55D
(55 x 55 x 9.5 mm)



Flat 55 X1/X2/X4 - Customisable

Backlit capacitive touch switches in Flat 55 family (standard frames 55x55 mm), with flat design and total customisation. Flush fitting with Zennio ZS55 frames, switches and sockets.

Anyone can create unique compositions, including images, icons, texts or logos, which are printed on a high strength tempered glass.

There are models with 1, 2 or 4 configurable buttons and backlit icons, which regulate their brightness with the included ambient luminosity sensor and attenuate when the user is not detected by the proximity sensor.

Flat 55 incorporates an internal temperature probe and thermostat, as well as 2 analog-digital inputs to be configured as binary inputs, sensors, push buttons, temperature probes or motion detectors.

Installation in standard mounting box with 55x55 frames of 1/2/3/4 modules (white, gloss white, anthracite or silver). Frame not included.

Accessories: temperature probe and motion sensor.

Available cover options:



Anthracite



Silver



White



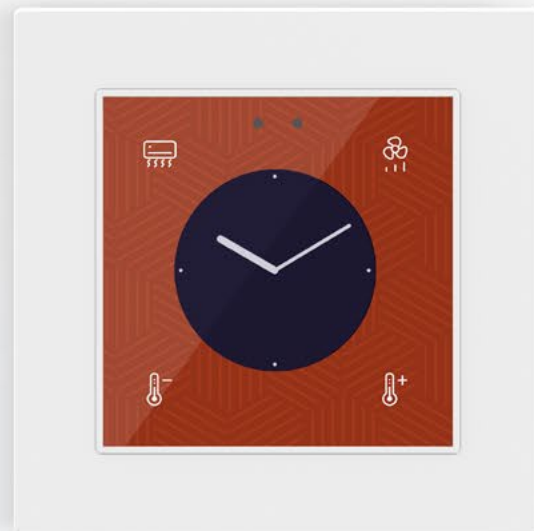
Gloss white



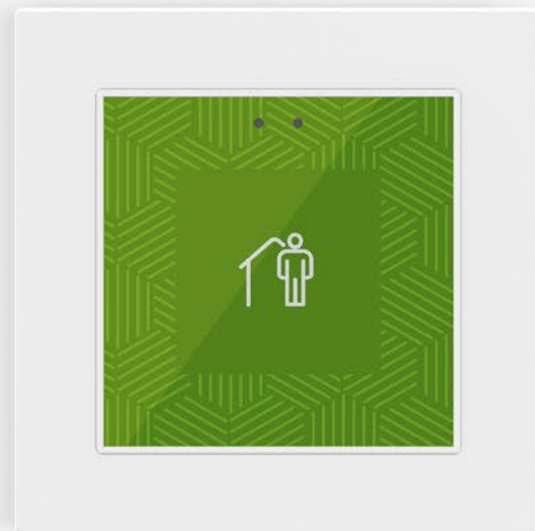
ZVIF55X2V2
(55 x 55 x 9.5 mm)



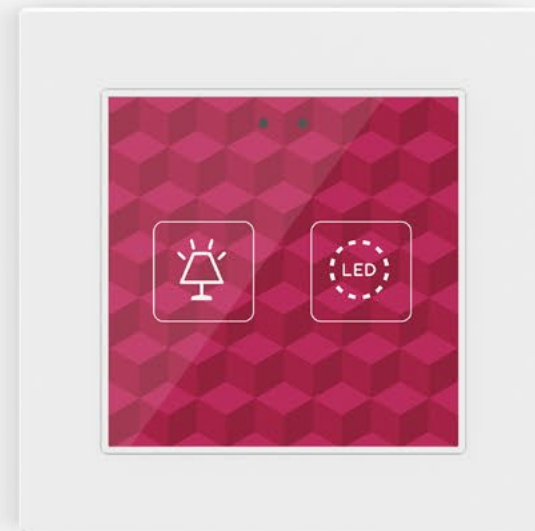
ZVI-F55D



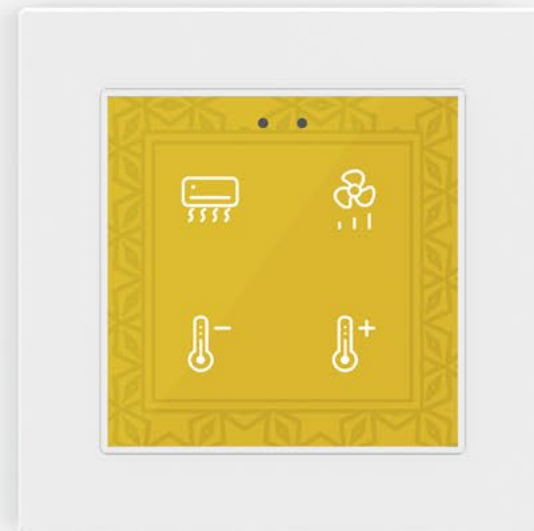
ZVIF55X1V2



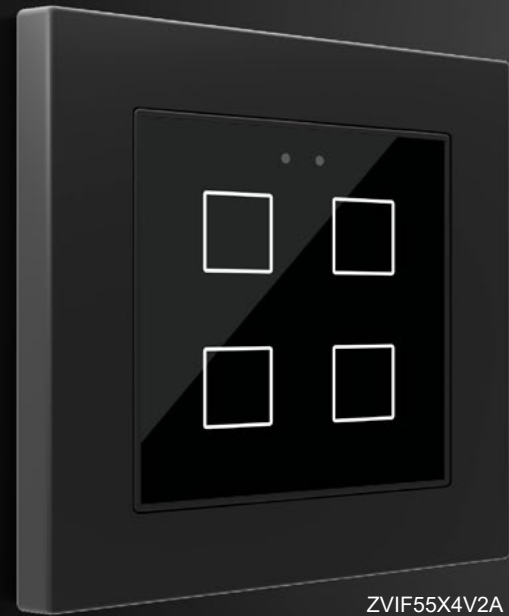
ZVIF55X2V2



ZVIF55X4V2



Flat 55 X1/X2/X4 - Standard design

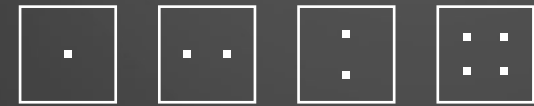


ZVIF55X4V2A
(55 x 55 x 9.5 mm)

Available colors:



Available options:



Presentia W0

Motion detector for in-wall flush mounting into 55x55 mm frame, with a detection area of 180° and up to 10 meters length of detection. Fitting with Tecla 55, Flat 55 family and Zennio ZS55 frames, switches and sockets.

It includes several channels to be configured for lighting switching control according to luminosity threshold or according to presence detection only. It has two independent sensors whose sensitivity settings can be adjusted for each sensor individually. Master/slave configuration allows using several detectors for larger areas. Installation in standard mounting box with 55x55 frames of 1/2/3/4 module. Frame not included.

Available cover options:



Anthracite



Silver



White



ZPDW0W
(55 x 55 x 16.5 mm)



TMD Display One - Customisable

TMD Display One is a room controller with a 1.8" backlit display that will cause the desired aesthetic impression in any ambience.

Anyone can create unique compositions, which could include images, icons, texts or logos. This customisation is printed on a high strength tempered glass.

TMD Display One is able to manage climate, audio, shutters, lights, etc., all through an intuitive and modern touch panel with 8 buttons.

It also includes thermostat function, internal temperature probe and two analog-digital inputs.

Accessories: temperature probes and motion sensor.

Frame options:



Polycarbonate
Anthracite



Polycarbonate
Silver



Polycarbonate
White



Aluminium

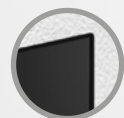


Golden



Chrome

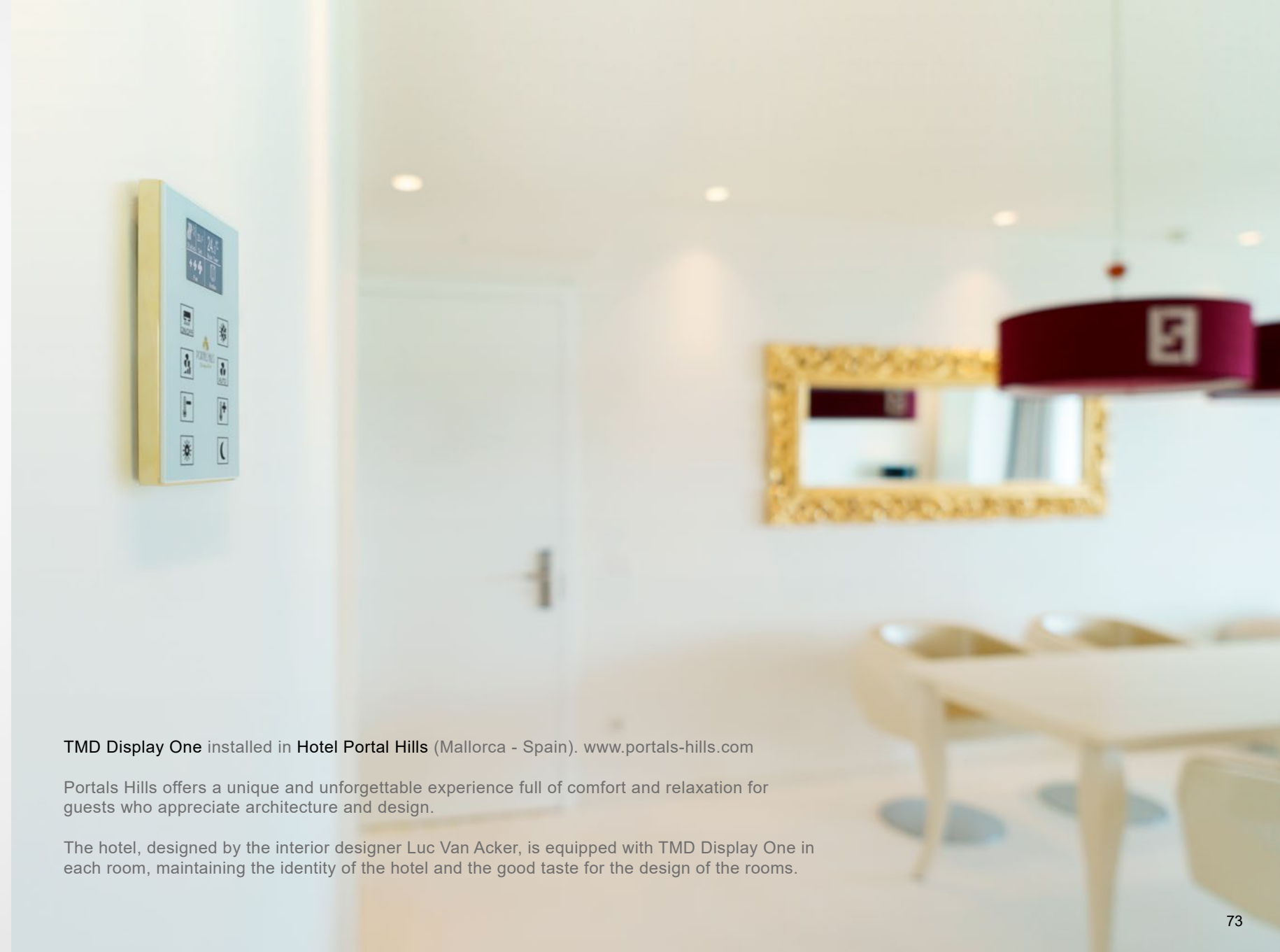
Flush-mounted:



Accessory
ZAC-FLTMD



ZVI-TMDD-P
(123 x 90 x 12 mm)



TMD Display One installed in Hotel Portal Hills (Mallorca - Spain). www.portals-hills.com

Portals Hills offers a unique and unforgettable experience full of comfort and relaxation for guests who appreciate architecture and design.

The hotel, designed by the interior designer Luc Van Acker, is equipped with TMD Display One in each room, maintaining the identity of the hotel and the good taste for the design of the rooms.



TMD Display installed at **Panorama Hotel & Resort** (Island of Sotra – Norway). www.panoramahotell.no

Panorama is a hotel carefully designed and conceived to offer its guests a concept of nature, relaxation and comfort.

The hotel renovated some rooms and equipped them with TMD Display and Square TMD Display for allowing guests to regulate the lighting and temperature of the room, achieving greater comfort.



ZVI-TMDD-P
(123 x 90 x 12 mm)



ZVI-TMDD
(123 x 90 x 12 mm)

TMD Display View - Customisable

TMD Display View is a room controller with a 1.8" backlit display that will cause the desired aesthetic impression in any ambience.

It is able to manage climate, audio, shutters, lights, etc., thanks to its 32 functions distributed in up to 4 pages accessible by pressing or sliding on the central area of the panel.

TMD Display View also includes thermostat function, internal temperature probe and two analog-digital inputs for great functionality. Its customisation is based on a professional printing on a high strength tempered glass.

Accessories: temperature probes and motion sensor.

Frame options:



Polycarbonate Anthracite



Polycarbonate Silver



Polycarbonate White



Aluminium



Golden



Chrome

Flush-mounted:



Accessory ZAC-FLTMD



ZVI-TMDV-P
(123 x 90 x 12 mm)



TMD Display View - Standard design



ZVI-TMDV-PA
(123 x 90 x 12 mm)

Available colors:



Available options:



Flush-mounted:



TMD Plus - Customisable

TMD Plus is a KNX switch with capacitive buttons that satisfies the design requirements of any building thanks to its total customisation.

Anyone can create unique compositions, which could include images, icons, texts or logos, as well as decide how to install it (portrait or landscape). This customisation is printed on a high strength tempered glass.

Available formats of 4, 6 or 8 buttons, so that pairs or individual buttons can be used as personalized controls with LED indicators. TMD Plus has 5 LEDs that can be used as additional buttons to assign direct functions. It also includes thermostat function, internal temperature probe and two analog-digital inputs.

Accessories: temperature probe and motion sensor.

Frame options:



Polycarbonate Anthracite



Polycarbonate Silver



Polycarbonate White



Aluminium



Golden

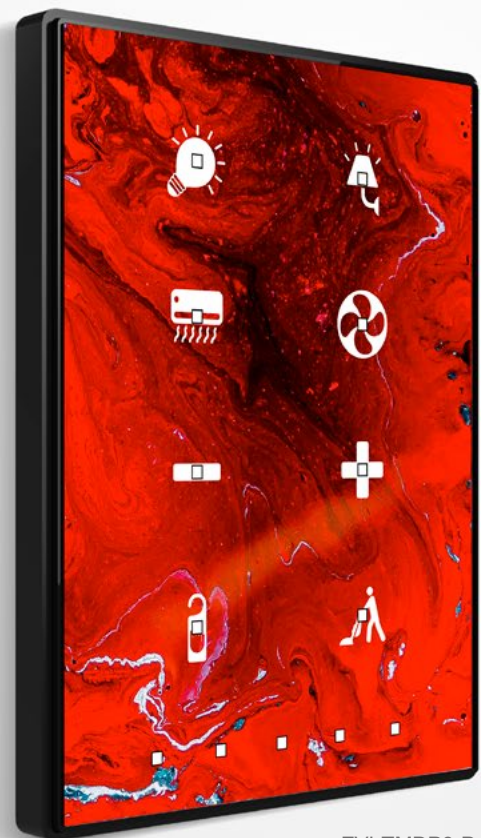


Chrome

Flush-mounted:



Accessory ZAC-FLTMD



ZVI-TMDP8-P
(123 x 90 x 12 mm)

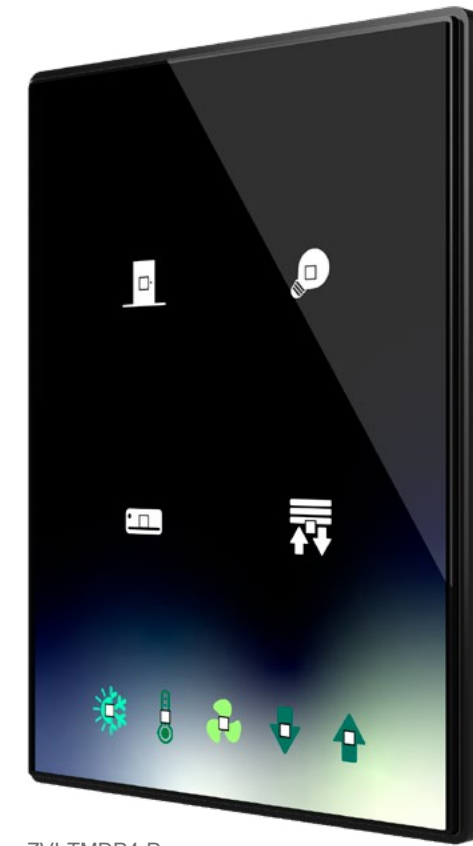


TMD Plus installed in Hotel Almanac (Barcelona - Spain).
www.almanachotels.com/barcelona

The hotel offers its guests a personalized service of the highest level. With the touch panels located at the entrance and the head of the bed, its clients can adapt the room to their needs to enjoy a memorable experience: Control of air conditioning, lighting, curtains and blackouts, management of housekeeping (DND/MUR) and audio system.

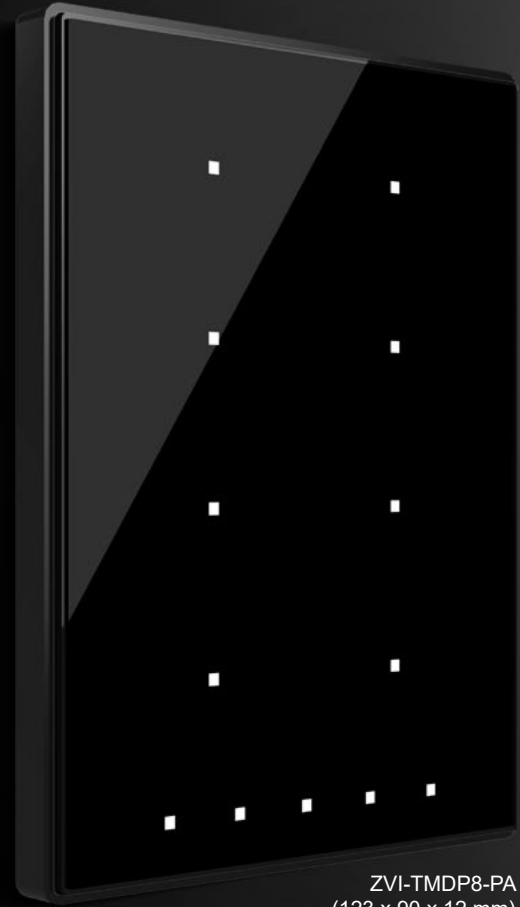


ZVI-TMDP6-P
(123 x 90 x 12 mm)



ZVI-TMDP4-P
(123 x 90 x 12 mm)

TMD Plus - Standard design

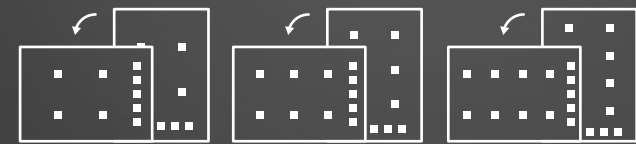


ZVI-TMDP8-PA
(123 x 90 x 12 mm)

Available colors:



Available options:



Flush-mounted:



Tecla 55 X1/X2/X4/X6 - Customisable

New family of flush fitting polycarbonate capacitive touch switches with customisable icons, to be combined with 55x55 mm frames and Zennio ZS55 switches and sockets.

1, 2, 4 or 6 button versions all available with backlit icons that adapt according to ambient luminosity and proximity sensor.

It incorporates a thermostat and one input for temperature probe.

Installation in standard back box with 55x55 1 to 4-gang frames. Frame not included.

Accessories: temperature probe.

Available cover options:



Anthracite



Silver



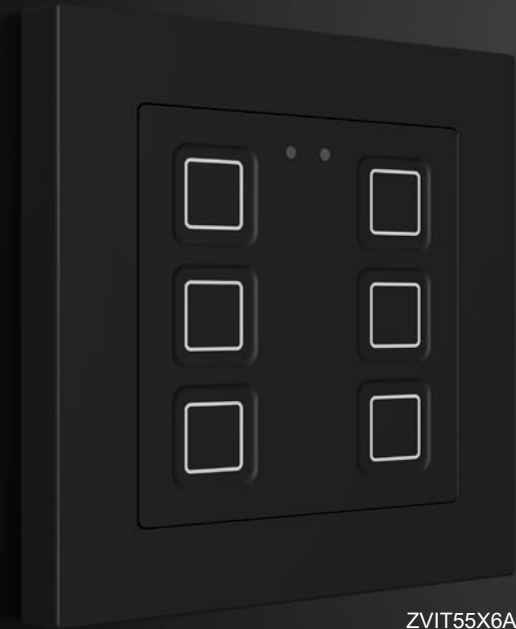
White



ZVIT55X1
(55 x 55 x 9.5 mm)



Tecla 55 - Standard design

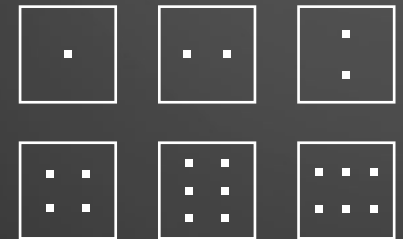


ZVIT55X6A
(55 x 55 x 9.5 mm)

Available colors:



Available options:



Tecla 55 X2 Sign

Device intended for the selection and notification of the states DND/MUR through color backlit icons.

Polycarbonate capacitive switch with DND & MUR backlit icons, in color, for the selection and notification of those states. Make the most of it by installing it in pairs, that is, locating a device inside the room so that the guest could select Do not disturb or Make up the room and a second device outside the room to show the housekeeping personnel the state selected by the guest. The icons are attenuated when proximity is not detected and can regulate their brightness according to the ambient luminosity.

Flush mounted in frames from Zennio ZS55 family. Installation in standard back box with 55x55 frames. Frame not included.

Accessories: temperature probe.

Available cover options:



Anthracite



Silver



White



ZVIT55X2S
(55 x 55 x 9.5 mm)



Tecla XL X4/X6/X8/X10 - Customisable

New family of polycarbonate capacitive touch switches with customisable backlit icons.

There are models with 4, 6, 8 or 10 configurable buttons and backlit icons, which regulate their brightness with the included ambient luminosity sensor and attenuate when the user is not detected by the proximity sensor.

Installation in European, Italian, Australian and American mounting boxes.

Accessories: temperature probe.

Available cover options:



Anthracite



Silver



White



ZVITXLX8
(79.5 x 119 x 9.5 mm)



Tecla XL X4/X6/X8/X10 - Standard design

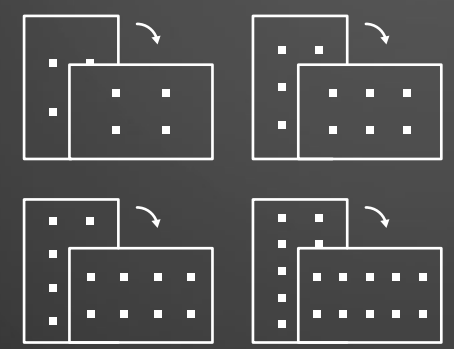


ZVITXLX4A
(79.5 x 119 x 9.5 mm)

Available colors:



Available cover options:



ZS55 Switches and Sockets

Range of 55x55 mm flush fitting switches and sockets compatible with ZS55 frames. Can be combined with Flat 55 and Tecla 55 families.

- Single, double, two-way, intermediate and push button switches
- Schuko, Euro-American and French sockets
- Double USB-A charger
- Communication: RJ45
- Multimedia: TV-R, HDMI, Jack 3.5, RCA
- Blind cover
- Cable outlet
- 1, 2, 3 and 4-gang frames

Available colors:



Anthracite



Silver



White



Gloss white



(55 x 55 x 9.5 mm)





Multifunction devices



ZPR88 (90 x 60 x 140 mm)

ALLinBOX 88

The starting point for most projects incorporating control and monitoring functionalities. Multifunction device that integrates a 320 mA KNX power supply, KNX-IP Interface, 4 independent thermostats, logical module, 8 analog-digital inputs and 8 relay outputs (16A C-Load) in only 8 DIN rail units. It offers multiple configuration options as individual outputs, shutter channels or fan coil controller (2/4 pipes). Accessories: Temperature probes, motion sensor and AC/DC shutter adapters.



ZPR1612V2 (90 x 60 x 210 mm)

ALLinBOX 1612

The starting point for most projects incorporating control and monitoring functionalities. Multifunction device that integrates a 640 mA KNX power supply, KNX-IP Interface, 4 independent thermostats, logical module, 12 analog-digital inputs and 16 relay outputs (16A C-Load) in only 12 DIN rail units. It offers multiple configuration options as individual outputs, shutter channels or fan coil controller (2/4 pipes). Accessories: Temperature probes, motion sensor and AC/DC shutter adapters.

ALLinBOX 46

The perfect starting point for small projects incorporating control and monitoring functionalities. Multifunction device that integrates a 160 mA KNX power supply, KNX-IP Interface, 4 independent thermostats, logical module, 6 analog-digital inputs and 4 relay outputs (16 A C-Load) in only 4.5 DIN rail units. It offers multiple configuration options as individual outputs, shutter channels or fan coil controller (2 pipes).



ZPR46 (67 x 90 x 79 mm)

ALLinBOX Hospitality

Multifunction device with a KNX power supply, KNX-IP interface, 6 inputs and 4 outputs to control a 2-pipe fan coil plus one additional 16 A C-Load output. Multifunction all-in-one device that integrates a 160 mA KNX power supply, KNX-IP interface and heating/cooling module with up to 4 thermostats in just 4.5 DIN rail units. The device has 5 outputs: 4 to be used to control a 2-pipe fan coil unit, with quick fan connection using common live, and 1 16 A C-Load multipurpose relay output. It has 6 analog-digital inputs and a logic function module.

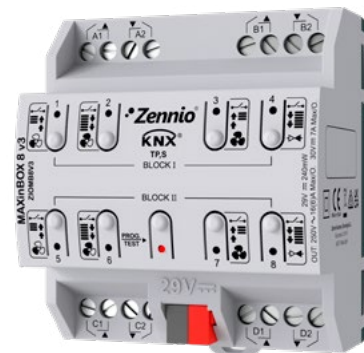


ZPRHP (90 x 60 x 80 mm)

Multifunction actuators

MAXinBOX 8

Multifunction actuator for DIN-rail (4.5 units) with 8 outputs (16 A C-Load) which offer multiple configuration as shutter channels, as individual outputs or as blocks of 2-pipes fan coil controller. It allows manual control of its outputs through the push buttons on the cover. It includes 20 independent logical functions. Accessories: AC/DC shutter adapters.



ZIOMB8V3 (90 x 60 x 80 mm)

MAXinBOX 16

Multifunction actuator for DIN-rail (8 units) with 16 outputs (16 A C-Load) which offer multiple configuration as shutter channels, as individual outputs or as blocks of 2-pipes fan coil controller. It allows manual control of its outputs through the push buttons on the cover. It includes 20 independent logical functions. Accessories: AC/DC shutter adapters.



ZIOMB16V3
(90 x 60 x 140 mm)

MAXinBOX 24

Multifunction actuator for DIN-rail (12 units) that offers multiple configurations of up to 12 shutter channels, up to 24 independent outputs of 16 A (capacitive loads supported) and up to 6 blocks of 2-pipes fan coil controller. It allows manual control of its outputs through the push buttons on the cover. LED indicators can show the status of its outputs. It includes 30 independent logical functions to enlarge the versatility of the automations in KNX system. Accessories: AC/DC shutter adapters.



ZIO-MB24 (90 x 60 x 210 mm)

MAXinBOX 66

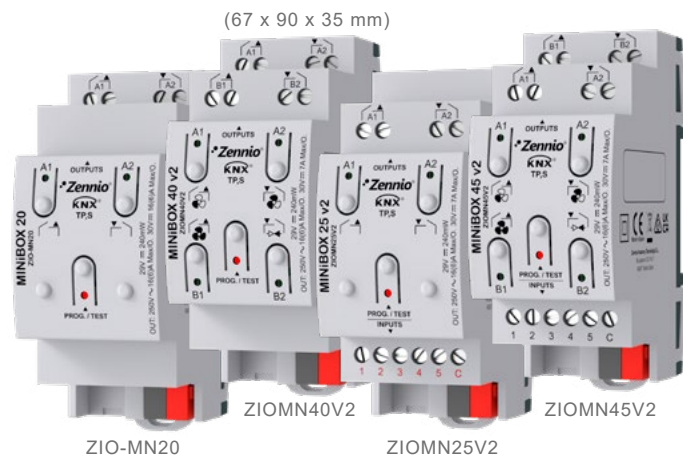
Multifunction sensor-actuator for DIN-rail (4.5 units) with 6 outputs (16 A C-load) which offer multiple configurations as shutter channels or individual outputs. It allows manual control of its outputs through the push buttons on the cover. It includes 10 independent logical functions. In addition, it incorporates 6 analog-digital inputs that may be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. Four room thermostats to control heating/cooling systems are included. Accessories: Temperature probes, motion sensor and AC/DC shutter adapters.



ZIOMB66V2
(90 x 60 x 80 mm)

Multifunction actuators

Multifunction actuators

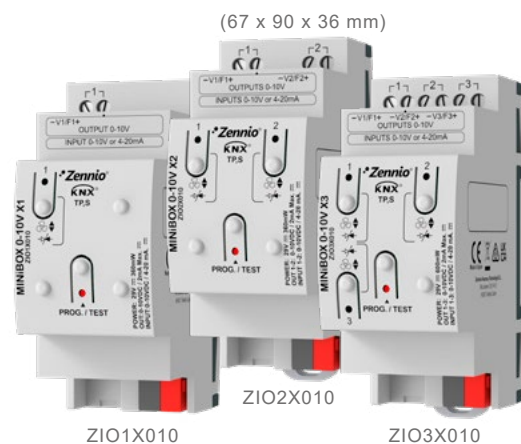


MINiBOX 20 / 40 / 25 / 45

Multifunction actuator for DIN-rail (2 units) with 2/4 outputs (16 A C-load) which offer multiple configurations as shutter channels, individual outputs or even 2-pipes fan coil controller (only ZIOMN40V2 and ZIOMN45V2 models). It allows manual control of its outputs through the push buttons on the cover and includes a logical function module. Models ZIOMN25V2 and ZIOMN45V2 also incorporate 5 analog-digital inputs that may be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs, as well as four room thermostats to control heating/cooling systems. Accessories: Temperature probes, motion sensor and AC/DC shutter adapters.

MINiBOX 0-10V X1/X2/X3

DIN-rail mounting actuator (2 DIN wide) with 1/2/3 channels configurable as 0-10V outputs, 0-10V inputs or 4-20 mA inputs. Each channel can be configured individually or jointly to control 2-pipe or 4-pipe fan coils where fan and valves are controlled with 0-10V signals. Manual control is available using the push buttons and each channels' status is shown via the LED indicator. Includes 10 logic functions and 1/2/3 thermostats.



inBOX 20

Multifunction actuator for flush mounting with 2 outputs (16 A C-Load) which offer multiple configurations as shutter channel or individual outputs. It allows manual control of its outputs and includes 10 independent logical functions. Accessories: AC/DC shutter adapters.

Multifunction actuator for flush mounting with 2 outputs (16 A C-Load) which offer multiple configurations as shutter channel or individual outputs. It allows manual control of its outputs and includes 4 thermostats, 10 independent logical functions and Master-Light function. In addition, it incorporates 4 analog-digital inputs that may be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. Accessories: Temperature probes, motion sensor and AC/DC shutter adapters.



ZIOIB24V2 (52 x 47 x 28 mm)

ZIOIB20V2 (52 x 47 x 28 mm)

Shutter actuators

Light dimming

MAXinBOX SHUTTER 8CH



ZIOMBSH8V2
(90 x 60 x 140 mm)

Shutter actuator for DIN-rail (8 units) It includes a module with 20 logical functions and allows manual control of the outputs with status indication through LEDs. Accessories: AC/DC shutter adapters.



ZAC-SHUC1C
(90 x 60 x 35 mm)

Shutter Coupler 1CH

Shutter adapter for DIN-rail (2 units) AC/DC to convert the shutter channel AC output into a DC output to control 12/24 VDC shutters.



ZIOMBSH4V2
(90 x 60 x 80 mm)

MAXinBOX SHUTTER 4CH

Shutter actuator for DIN-rail (4.5 units) It includes a module with 20 logical functions and allows manual control of the outputs with status indication through LEDs. Accessories: AC/DC shutter adapters.



ZAC-SHUC2C
(90 x 60 x 35 mm)

Shutter Coupler 2CH

Shutter adapter for DIN-rail (2 units) AC/DC to convert up to two shutter channels AC outputs into DC outputs to control 12/24 VDC shutters.



ZDIDBDX1
(90 x 60 x 35 mm)

DIMinBOX DX1

Universal dimming actuator (RLC, LED, CFL*) for DIN-rail (2 units) with 1 channel for up to 350 W at 230 VAC (200 W at 110 VAC). Auto load type detection (RLC). Configurable dimming curves for LED and CFL. It allows manual control of its outputs through the push buttons on the cover. It includes 10 independent logical functions. Error detection: short circuit, voltage surge, overheating, anomalous frequency, power failure, parameterization error. *Only dimmable loads.



ZDI-DBDX2
(90 x 60 x 80 mm)

DIMinBOX DX2

Universal dimming actuator (RLC, LED, CFL*) for DIN-rail (4.5 units): 2 channels for up to 310 W or 1 channel for up to 600 W at 230 VAC (2 channels for up to 200 W or 1 channel for up to 400 W at 230 VAC). Auto load type detection (RLC). Configurable dimming curves for LED and CFL. It allows manual control of its outputs through the push buttons on the cover. It includes 10 independent logical functions. In addition, it incorporates 2 analog-digital inputs that may be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. Error detection: short circuit, voltage surge, overheating, anomalous frequency, power failure, parameterization error. Accessories: Temperature probes and motion sensor. *Only dimmable loads.



ZDIDBDX4 (90 x 60 x 140 mm)

DIMinBOX DX4

Universal dimming actuator (RLC, LED, CFL*) for DIN-rail (8 units) with 4 channels for up to 300 W at 230 VAC (200 W at 110 VAC). It allows double channel connection, up to 600 W at 230 VAC (400 W at 110 VAC) and quad channel connection to control up to 1200 W at 230 VAC (800 W at 110 VAC). Auto load type detection (RLC). Configurable dimming curves for LED and CFL. It allows manual control of its outputs through the push buttons on the cover. It includes 10 independent logical functions. Error detection: short circuit, voltage surge, overheating, anomalous frequency, power failure, parameterization error. *Only dimmable loads.

Light dimming

Light dimming

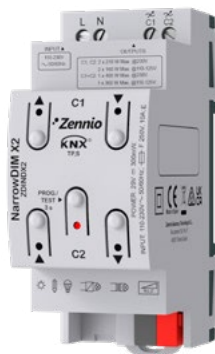
NarrowDIM X4



ZDINDX4
(90 x 60 x 80 mm)

Universal dimming actuator (RLC, LED, CFL*) for DIN-rail (4.5 units) with 4 channels for up to 210 W at 230 VAC (160 W at 110 VAC). It allows double channel connection, up to 400 W at 230 VAC (300 W at 110 VAC) and quad channel connection to control up to 750 W at 230 VAC (600 W at 110 VAC). Auto load type detection (RLC). Configurable dimming curves for LED and CFL. It allows manual control of its outputs through the push buttons on the cover. It includes 10 independent logical functions. Error detection: short circuit, voltage surge, overheating, anomalous frequency, power failure, parameterization error. *Only dimmable loads.

NarrowDIM X2



ZDINDX2
(67 x 90 x 36 mm)

Universal dimming actuator (RLC, LED, CFL*) for DIN-rail mounting (2 units) with 2 channels for up to 210 W at 230 VAC (160 W at 110 VAC). It allows double channel connection, up to 400 W at 230 VAC (300 W at 110 VAC). Auto load type detection (RLC). Configurable dimming curves for LED and CFL. It allows manual control of its outputs using the push buttons. It includes 10 independent logical functions. Error detection: short circuit, voltage surge, overheating, anomalous frequency, power failure, parameterization error. *Only dimmable loads.

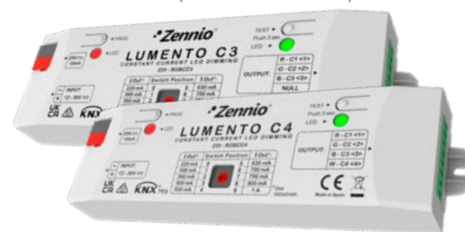
inBOX DIM

Universal dimmer (RLC, LED, CFL*) for flush mounting with one channel for up to 250 W at 230 VAC (200 W at 110-125 VAC). Auto load type detection (RLC). Configurable dimming curves for LED and CFL. It allows manual control of its outputs through the push buttons on the cover. It includes 10 independent logical functions. In addition, it incorporates 2 analog-digital inputs that may be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. Error detection: short circuit, voltage surge, overheating, anomalous frequency and power failure. Accessories: Temperature probes and motion sensor. *Only dimmable loads.



ZDI-IBD (52 x 47 x 28 mm)

ZDI-RGBCC3 (144 x 44 x 22 mm)



ZDI-RGBCC4 (144 x 44 x 22 mm)

Lumento C3 - Lumento C4

Lumento C3/C4 is a LED Dimmer oriented to LED technology with constant current regulation. It has a manual test button to check the channels functioning. Maximum current selection with parameter and manual selector: 220, 300, 350, 500, 550, 630, 700 or 750, 900 and 1000 mA. Lumento C3: 3 channels that can be configured as 3 independent channels or 1 RGB channel. Lumento C4: 4 channels that can be configured as 4 independent channels, 1 RGBW channel or 1 RGB channel + 1 individual channel.

Lumento DX4

LED dimmer with 4 channels (RGBW or single channels) oriented to LED technology with constant voltage regulation and DIN-rail mounting (4.5 units). The dimming channels can be configured as 4 independent channels, 1 RGBW channel or 1 RGB channel + 1 individual channel. It includes 6 analog-digital multifunction inputs that can be configured as binary inputs for sensors and potential-free push buttons or as motion sensor inputs. It has manual test buttons to check the channels functioning. Power supply: 12-30 VDC. Maximum current per channel: 6 A. Accessories: motion sensor.



ZDI-RGBDX4
(90 x 60 x 80 mm)

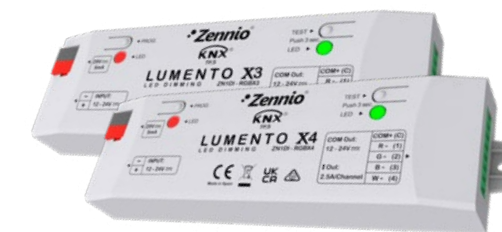
Lumento X3 - Lumento X4

Lumento X3/X4 is a LED Dimmer oriented to LED technology with constant voltage regulation for 12 to 24 V through pulse width modulation (PWM). It has a manual test button to check the channels functioning. Up to 2.5 A/channel.

Lumento X3: 3 channels, configurable as 3 independent channels or 1 RGB channel.

Lumento X4: 4 channels, configurable as 4 independent channels or 1 RGBW channel.

ZN1DI-RGBX3 (144 x 44 x 22 mm)



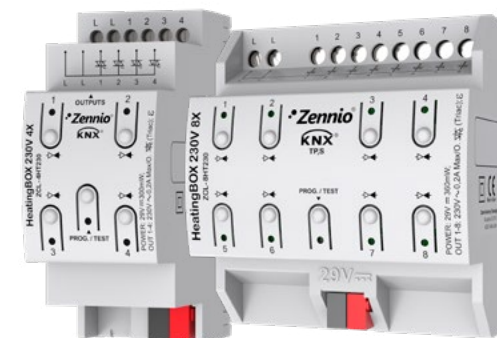
ZN1DI-RGBX4 (144 x 44 x 22 mm)

DALI-BOX Interface

KNX-DALI Interface for DIN-rail (4.5 units) to control up to 64 DALI independent ballasts, which can be associated in up to 64 groups. It includes a display and ETS DCA for easily addressing when a ballast is replaced, that also helps assigning ballasts to groups. Error indicators for each ballast.



ZDIDLIV2 (90 x 60 x 80 mm)



ZCL-4HT230
(90 x 60 x 35 mm)

ZCL-8HT230
(90 x 60 x 80 mm)

HeatingBOX 230V 8X - HeatingBOX 230V 4X

Actuator for climate systems based on water pipes which allows the control of up to 4/8 outputs for on/off valves operated at 230 VAC by means of triacs with short-circuit protection. It includes one independent thermostat for each output and a module with 10 logical functions. It allows manual control of the outputs with status indication through LEDs.

DALIBOX BROADCAST 4CH

KNX-DALI Broadcast interface for DIN-rail (4.5 units) to control up to 4 channels of up to 20 DALI ballasts with broadcast commands and with up to 10 configurable scenes/sequences for each channel. It allows manual control and status indicator LEDs for each channel.



ZDI-DLB4
(90 x 60 x 80 mm)

DALIBOX BROADCAST 6CH

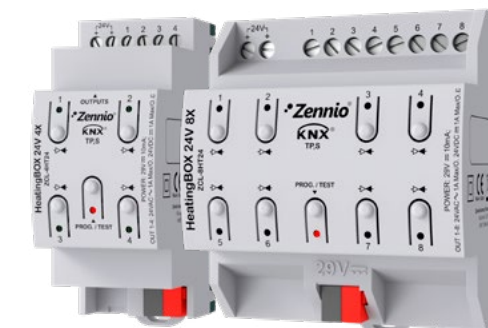
KNX-DALI Broadcast interface for DIN-rail (4.5 units) to control up to 6 channels of up to 20 DALI ballasts with broadcast commands and with up to 10 configurable scenes/sequences for each channel. It allows manual control and status indicator LEDs for each channel.



ZDI-DLB6
(90 x 60 x 80 mm)

HeatingBOX 24V 4X - HeatingBOX 24V 8X

Actuator for climate systems based on water pipes which allows the control of up to 4/8 outputs for on/off valves operated at 24 VAC/DC by means of mosfets with protection against overload/short-circuit. It includes one independent thermostat for each output, furthermore a module with 10 logical functions. It allows manual control of the outputs with status indication through LEDs.

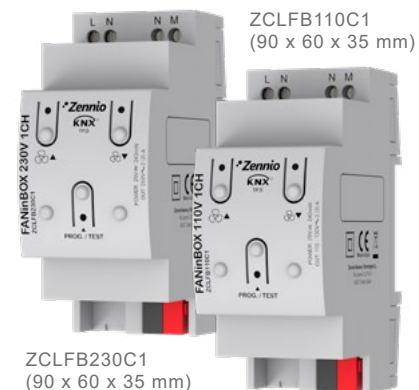


ZCL-4HT24
(90 x 60 x 35 mm)

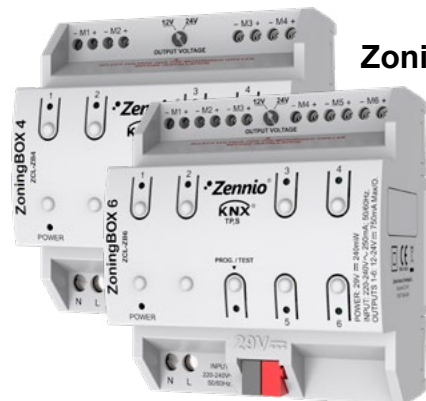
ZCL-8HT24
(90 x 60 x 80 mm)

FANinBOX 230V 1CH - FANinBOX 110V 1CH

Ceiling fan controller for fan units powered at 230 VAC or 110 VAC depending on the reference (2 DIN-rail units). It allows the control of up to 4 fan speeds and manual control of outputs with status LED indicators. It includes a module with 10 logical functions and error indicator of power failure.



ZCL-ZB4 (90 x 60 x 80 mm)



ZoningBOX 4

ZoningBOX 6

Actuator for DIN-rail (4.5 units) for air conditioning climate systems with zoning. It controls motorized 12/24 VDC grilles in up to 4/6 zones (up to 2 grilles per zone). Temperature management in up to 12 zones with additional ZoningBOX 4/6 modules to activate the additional zones. Management of settings for the air conditioning climate systems (up to two units): on/off, setpoint, mode, fan speed, according to the zones enabled. Manual control of outputs and LED indicators of movement of the grilles.

ZCL-ZB6 (90 x 60 x 80 mm)



MAXinBOX FANCOIL 2CH2P MAXinBOX FANCOIL 4CH2P

Fan coil controller for DIN-rail (4.5/8 units) of up to 2/4 fan coil units of 2-pipes fan coil. It includes a module with 20 logical functions and allows manual control of the outputs with status indication through LEDs.

MAXinBOX Hospitality

Fan coil controller for 2 or 4-pipes unit with 2-points valves or 3-points valve and up to three fan speeds, for DIN-rail (4.5 units). It includes 2 independent outputs 16 A C-Load, which can be configured as individual outputs or as a shutter channel. Moreover, it has 6 analog-digital multifunction inputs that can be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. It includes Master Light function, 10 logical functions and allows manual control of the outputs with status indication through LEDs. Accessories: temperature probe and motion sensor.



ZCLHP126V2 (90 x 60 x 80 mm)



ZN1CL-IRSC
(45 x 45 x 14 mm)

IRSC - IRSC ZONE

A/C unit control module. IRSC is a KNX infrared air conditioner controller able to manage more than 300 A/C unit models from different manufacturers. IR transmitter included.



ZCL-FC010F
(90 x 60 x 80 mm)

MAXinBOX FC 0-10V FAN

Controller for up to two 2-pipes or 4-pipes fan coil units with on/off valves and 0-10 V fan speed control signal. Mounted on DIN-rails (4.5 units). 4 multifunction outputs (16 A C-Load) that can be used for the control of the fan coil on/off valves or any other purpose. 4 analog-digital multifunction inputs that can be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. It also includes 2 thermostats and 10 logical functions. Manual control of outputs and status indication through LEDs. Accessories: temperature probe and motion sensor.



ZCL-FC010V
(90 x 60 x 80 mm)

MAXinBOX FC 0-10V VALVE

Controller for one 2-pipes or 4-pipes fan coil unit with 0-10 V valves. Its 4 outputs (16 A C-load) can be used to control the fan speed or as individual outputs. It has 4 analog-digital multifunction inputs that can be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. It also includes 2 thermostats, 10 logical functions and allows manual control of the outputs with status indication through LEDs. DIN-rail mounting (4.5 units). Accessories: temperature probe and motion sensor.



ZCLDIV2
(90 x 60 x 35 mm)

KLIC-DI. DAIKIN

Zennio gateway to control Daikin commercial and industrial air-conditioning units from KNX system in a bidirectional way. It includes 2 analog-digital inputs for temperature probes, motion sensor or dry contact binary inputs (switches, sensors or push buttons) and 10 logical functions. 2 DIN rail units. Accessories: temperature probe and motion sensor.



ZCLDAV2
(90 x 60 x 35 mm)

KLIC-DA. DAIKIN

Zennio gateway to control Daikin Altherma/Altherma 3 units from KNX system in a bidirectional way. It includes 2 analog-digital inputs for temperature probes, motion sensor or dry contact binary inputs (switches, sensors or push buttons) and 10 logical functions. 2 DIN rail units. Accessories: temperature probe and motion sensor.



ZCLDDV3
(39 x 39 x 14 mm)

KLIC-DD. DAIKIN

Zennio gateway to control Daikin residential air-conditioning units from KNX system in a bidirectional way. It includes 2 analog-digital inputs for temperature probes, motion sensor or dry contact binary inputs (switches, sensors or push buttons) and 10 logical functions. Accessories: temperature probe and motion sensor.

KLIC-MITTE. MITSUBISHI ELECTRIC

Zennio gateway to control Mitsubishi Ecodan hydrobox through IT terminal connector from KNX system in a bidirectional way. It includes 2 analog-digital inputs for temperature probes, motion sensor or dry contact binary inputs (switches, sensors or push buttons) and 10 logical functions. Accessories: temperature probe and motion sensor.



ZCLMITTE
(39 x 39 x 14 mm)

KLIC-MITT. MITSUBISHI ELECTRIC

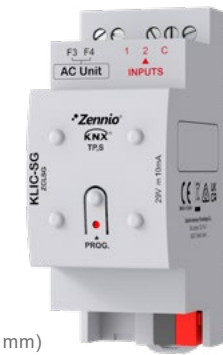
Zennio gateway to control Mitsubishi Electric air conditioning units through IT terminal connector from KNX system in a bidirectional way. It includes 2 analog-digital inputs for temperature probes, motion sensor or dry contact binary inputs (switches, sensors or push buttons) and 10 logical functions. Accessories: temperature probe and motion sensor.



ZCLMITTV2
(39 x 39 x 14 mm)

KLIC-SG. SAMSUNG

Zennio gateway to control Samsung VRF and Industrial air conditioning units from KNX system in a bidirectional way. It includes 2 analog-digital inputs for temperature probes, motion sensor or dry contact binary inputs (switches, sensors or push buttons) and 10 logical functions. 2 DIN rail units.



ZCLSG
(67 x 90 x 35 mm)

KLIC-PA. PANASONIC

Zennio gateway to control Panasonic air conditioning units from KNX system in a bidirectional way. It includes 3 analog-digital inputs for temperature probes, motion sensor or dry contact binary inputs (switches, sensors or push buttons) and 10 logical functions. Accessories: temperature probe and motion sensor.



ZCLPA
(39 x 39 x 14 mm)

KLIC-FJ. FUJITSU

Zennio gateway to control Fujitsu, General, Hiyasu and Fuji Electric air conditioning units from KNX system in a bidirectional way. It includes 3 analog-digital inputs for temperature probes, motion sensor or dry contact binary inputs (switches, sensors or push buttons) and 10 logical functions. Accessories: temperature probe and motion sensor.



ZCL-FJ
(39 x 39 x 14 mm)

KLIC-TS. TOSHIBA

Zennio gateway to control Toshiba air conditioning units from KNX system in a bidirectional way. It includes 3 analog-digital inputs for temperature probes, motion sensor or dry contact binary inputs (switches, sensors or push buttons) and 10 logical functions. Accessories: temperature probe and motion sensor.



ZCL-TS
(39 x 39 x 14 mm)



ZCL-LG1
(39 x 39 x 14 mm)

KLIC-LG1. LG

Zennio gateway to control LG air conditioning units from KNX system in a bidirectional way. It includes 3 analog-digital inputs for temperature probes, motion sensor or dry contact binary inputs (switches, sensors or push buttons) and 10 logical functions. Accessories: temperature probe and motion sensor.



ZIO-BIN2X
(39 x 39 x 10.5 mm)

BIN 2X

Universal interface with 2 binary inputs/LED outputs. BIN 2X is a module with 2 configurable channels as binary inputs or LED outputs. Binary inputs can be configured as sensors, switches or potential-free push buttons. Binary outputs can be used for low current LED control. Installation in standard mounting box.

BIN 4X

Universal interface with 4 binary inputs/LED outputs. BIN 4X is a module with 4 configurable channels as binary inputs or LED outputs. Binary inputs can be configured as sensors, switches or potential-free push buttons. Binary outputs can be used for low current LED control. Installation in standard mounting box.



ZIO-BIN4X
(39 x 39 x 10.5 mm)



ZIO-BIN44
(39 x 39 x 10.5 mm)

BIN 44

Universal interface with 4 binary inputs and 4 LED outputs. BIN 44 is a module with 4 binary inputs and 4 LED outputs. Binary inputs can be configured as sensors, switches or potential-free push buttons. Binary outputs can be used for low current LED control. Installation in standard mounting box.

RailQUAD 8

Input module with 8 analog-digital inputs for DIN-rail (2 units). The analog-digital inputs can be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. Eight room thermostats for heating/cooling control systems included. Accessories: Temperature probes and motion sensor.



ZIO-RQUAD8
(90 x 60 x 35 mm)



ZAC-SQAT-A
(90 x 90 x 12 mm)

SQ-AmbientT

This accessory completes the Square family to keep a uniform aesthetics when integrating ambient temperature probes, providing beauty to this technical element. Available options: anthracite, silver and white.

QUAD Plus

Input module with 4 analog-digital inputs for standard mounting box. Analog-digital inputs can be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. Four room thermostats for heating/cooling control systems included. Accessories: Temperature probes and motion sensor.



ZIO-QUADP
(39 x 39 x 14 mm)

Flat AmbientT

This accessory completes the Flat range and allows a technical element such as the room temperature to maintain aesthetics within the installation. Available options: standard designs in anthracite, silver, white and gloss white.



ZACFAT
(81 x 81 x 9 mm)

EyeZen IN

The motion sensor with infrared detection technology is complemented by an integrated luminosity sensor, which makes the device even more useful. Directly connected to the input of all the Zennio devices that include motion sensor as an option in their inputs module (see the datasheet of the device). Motion detection area can be increased by installing two sensors in parallel to the same input. Easy installation and small size. It does not require any other type of connection or power supply. Available in white and anthracite colors.



ZPDEZIN
(Ø 58 mm)

Temperature probes

Temperature probes available in steel and epoxy.
Steel: 1.5 m. (-30 °C to 125 °C). ZAC-NTC68S.
Epoxy stiff cable: 2.3 m. (-30 °C to 90 °C). ZAC-NTC68F.
Epoxy: 1.5 m. (-30 °C to 90 °C). ZAC-NTC68E.
Epoxy, small size: 1 m. (-40 °C a 105 °C). 9900015.





ZSFSENV2A
(81 x 81 x 9 mm)

Flat Sensato

KNX Humidity and temperature sensor for flush mounting with a flat design. It measures ambient temperature, relative humidity and calculates dew-point, so that it can send alarms for humidity, temperature and condensation. The LED indicator shows the current relative humidity status. It includes 10 logical functions and 2 analog-digital inputs, which can be configured as binary inputs for sensors and potential-free push buttons, as temperature probe inputs or as motion sensor inputs. Available options: anthracite, silver, white and gloss white. Accessories: Temperature probes and motion sensor.

EyeZen TP

Motion detector with luminosity sensor for ceiling mounting, with a detection area of 360° and up to 6 meters diameter. It includes several channels to be configured for constant luminosity regulation, lighting switching control according to luminosity threshold or according to motion detection only. Sensor sensitivity settings can be adjusted and luminosity can be calibrated to the working environment values. Master/slave configuration allows using several detectors for larger areas. Flush mounted. Available in white (ref. ZPDEZTPW) and anthracite (ref. ZPDEZTPA) colors.



ZPDEZTP (Ø 58 mm)

Presentia C

Presence detector with luminosity sensor for ceiling mounting, with a detection area of 360° and up to 30 meters diameter. It includes several channels to be configured for constant luminosity regulation, lighting switching control according to luminosity threshold or according to presence detection only. Sensitivity settings can be adjusted for each sensor individually and luminosity can be calibrated to the working environment values. Master/slave configuration allows using several detectors for larger areas. Flush mounted or surface mounted (accessory included).



ZPDC30LV2 (Ø 83.5 mm)



ZRFMC868 39 x 39 x 10.5 mm
ZRFMC915 39 x 39 x 10.5 mm

ZMCoup RF 868 / ZMCoup RF 915

KNX Media coupler for the interconnection of KNX TP lines with wireless KNX RF medium (868 MHz / 915MHz). Support for extended frames (APDU 254 bytes). Transmission frequency election will depend on the country where the device is installed. 868 MHz is typically used in European countries. 915 MHz is typically used in America, Australia and Israel.

EyeZen RF 868 / EyeZen RF 915

KNX RF motion detector for recessed ceiling installation. Wireless installation with a 360° and up to 6 meters in diameter detection area. 1 channel for telegram sending on motion detection events. Sensitivity can be adjusted to meet detection requirements. 1/2AA battery powered with up to 4 years duration. Low battery notification. Available in white and anthracite. Transmission frequency election will depend on the country where the device is installed. 868 MHz is typically used in European countries. 915 MHz is typically used in America, Australia and Israel.



ZPDEZRF868 (Ø 58 mm)
ZPDEZRF915 (Ø 58 mm)

WinDoor RF 868 MHz / WinDoor RF 915 MHz

WinDoor RF allows detection for door/window opening/closing through magnetic sensor. No wiring needed. It establishes communication with the KNX side through radiofrequency. Powered by a long-life battery with low battery notification. Equipped with internal tamper switch for opening alarm. Available in black, white, grey, dark brown and light brown. Transmission frequency election will depend on the country where the device is installed. 868 MHz is typically used in European countries. 915 MHz is typically used in America, Australia and Israel.



ZRFWDW 73 x 19 x 17 mm
ZRFWD915W 73 x 19 x 17 mm



ZAC-LS3
(Ø211 x 79 mm)

Speaker 6.5" 8 Ohms

6.5" coaxial audio loudspeaker. Compact loudspeaker with white metallic grille and adjustable plastic clamps. Built-in 25mm tweeter. Flush-mounted.



ZAC-LS4
(Ø124 x 54.5 mm)

Speaker 3.5" 4 Ohms

3.5" coaxial audio loudspeaker. Compact loudspeaker with white metallic grille and fixing springs. Built-in 20mm tweeter. Flush-mounted.



ZN1CL-IRSC
(45 x 45 x 14 mm)

IRSC-OPEN

IR-KNX Bus unidirectional open protocol interface. IRSC OPEN is a KNX BUS interface that allows control of audio/video consumer electronics via an infrared transmitter. IR transmitter included.



ZMU-AUIR
(144 x 44 x 22 mm)

AudioInRoom

Audio controller for hotel rooms, which allows guests to play music from their own smartphone through Bluetooth® connection or from an auxiliary audio input (such as TV). It has two stereo channels (20 W), so that you can enable/disable, mute or adjust volume in two independent areas. Bluetooth® pairing is restricted with password to make sure the guest is connecting to the audio system in their room. Accessories: loudspeakers Ø 6.5", 8 Ohm or Ø 3.5", 4 Ohm.



ZRX-KCI4S0
(90 x 60 x 35 mm)

KCI

KCI (KNX Consumption Interface) is the Zennio KNX interface for four consumption meters with S0-pulse outputs to monitor their electricity (energy and power), water and/or gas (volume and flow rate) consumption measure in the KNX bus. A removable battery allows buffering S0 pulses during a KNX power failure and recovering the real consumption afterwards. LED indicators make the user able to check the existence of communication through each S0 channel, as well as the battery status (low battery and/or run out of battery), which is also indicated in the KNX bus. DIN-rail mounting device (2 DIN-rail units).



ZN1AC-CST120

ZIO-KESP
(90 x 60 x 35 mm)

KES Plus

Zennio KNX electrical energy meter for single-phase or three-phase systems. It can measure and notify in KNX system, not only the consumed or produced energy (KWh), but also the associated cost according to 6 different tariffs, the CO2 emissions, instant active and reactive power, power factor and other information related with the use of electric energy in the building. Alarms and notifications can be configured as warnings when power exceeds the limits established, for example, to disconnect low priority systems to reduce consumption. In addition, 10 logical functions are added to enlarge the versatility of the automations in KNX system. Only compatible with Zennio Current Transformers
Accessory: Current transformer ZN1AC-CST60 and ZN1AC-CST120.



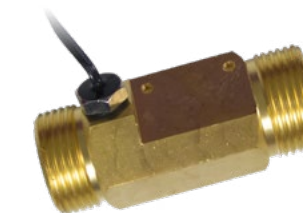
ZEMKEM (90 x 60 x 80 mm)

KEM

KNX Energy Monitor for electricity and water consumption, as well as heating/cooling energy consumption for up to 2 climate systems. It has 3 channels to monitor electricity consumption (max 20 A), 4 channels to connect turbine flow meters (max 15 mA at 5 VDC) and 5 analog-digital inputs to connect flow and return water temperature probes. It also includes 10 logical functions, consumption dependent notifications and alarms. The 5 VDC power output can supply power for the connected flow meters. DIN-rail mounting device (4.5 DIN-rail units). Accessories: Current transformer ZN1AC-CST60, water flow sensor with temperature probe (9900027/28) and pipe nipple with temperature probe (9900037/38).



9900028
(Ø 3/4")



9900038
(Ø 3/4")



ZN1AC-CST60
(40 x 25.5 x 26 mm)



ZSYIPRCL
(90 x 70 x 35 mm)

IP Router CL

IP Router CL can be used as line coupler or area coupler with a IP based backbone or main line, through KNXnet/IP Routing protocol. It also allows programming or monitoring a device from the IP network (PC, BMS system...) by using KNXnet/IP Tunnelling protocol (up to 4 connections at the same time). It does not need external power supply nor PoE.



ZSYKIPI
(90 x 68 x 36 mm)

KIPI

KIPI allows bidirectional communication between Ethernet and a KNX TP installation. It allows addressing, programming or monitoring components located in a KNX TP network from the Ethernet side by using KNXnet/IP Tunneling protocol, with up to 5 parallel connections. It supports extended frames, with a maximum frame length of up to 254 bytes. DIN-rail mounting (2 units). External power supply is not needed.



ZSYLCCL
(90 x 70 x 35 mm)

Linecoupler CL

Linecoupler is the KNX line coupling and line-repeating solution. It connects lines with galvanic isolation filter. Telegram dropping to reduce traffic.



ZSYUSBC
(90 x 70 x 35 mm)

KNX USB SC

KNX installations programmer via USB. KNX and USB Status LED. ETS detects the KNX-USB Interface after connecting to the computer. It allows monitoring the KNX bus with ETS.



ZPSU160
(67 x 90 x 35 mm)

KUPSupply 160mA

KNX System Power Supply with additional 29 VDC output. Maximum current 250 mA (up to 160 mA to KNX bus plus additional output consumption). This power supply is ideal for small KNX installations. 110-230 V~ 50/60 Hz input voltage. Installation in DIN rail (2 units).



ZPS-320HIC110
(90 x 60 x 80 mm)

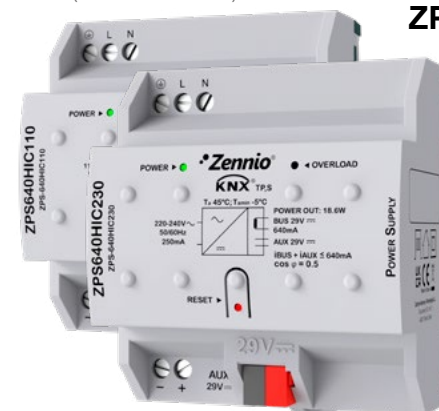
ZPS-320HIC230 (90 x 60 x 80 mm)

ZPS-320HIC110 ZPS-320HIC230

KNX System Power Supply with additional 29 VDC output. Maximum current 320 mA (KNX bus plus additional output consumption). Reset button and overload status LED, short-circuit and overload protection. 230/110 V~ 50/60 Hz input voltage. Installation in DIN-rail (4.5 units).

ZPS-640HIC110
(90 x 60 x 80 mm)

ZPS-640HIC110



ZPS-640HIC230
(90 x 60 x 80 mm)

ZPS-640HIC230

KNX System Power Supply with additional 29 VDC output. Maximum current 640 mA (KNX bus plus additional output consumption). Reset button and overload status LED, short-circuit and overload protection. 230/110 V~ 50/60 Hz input voltage. Installation in DIN-rail (4.5 units).

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ZNCAT-22-EN-V1.0

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