



eeelectron[®]

Building & Home evolution

D E S I G N C A T A L O G U E



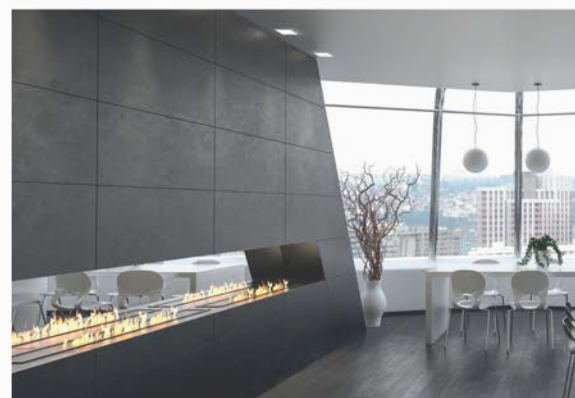
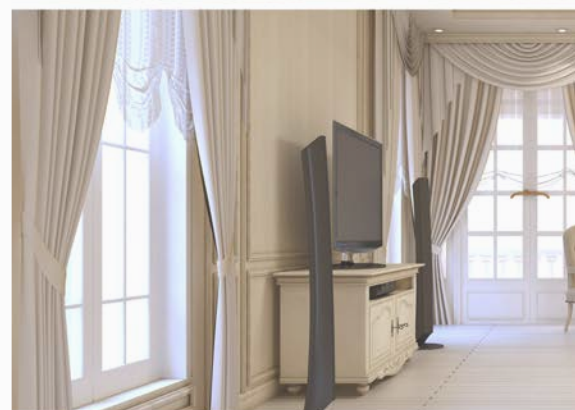
Eelectron is an Italian company that manufactures electronic devices, hardware and software on KNX and Bluetooth standard.

Its product range addresses building automation, hotel automation and home evolution sectors with a deep focus on complex environments management and experience in integrated solutions.

Eelectron's philosophy of comprehensive aesthetic design and engagement in developing highly innovative devices combines with KNX interoperability and compliance with the most stringent international quality standards.

Eelectron's experience is at the user's service for demanding clients that require training activities, assistance on products and continuous development that focuses on emerging needs and applications, energy saving and achievement of simple and efficient solutions for the benefit of occupants and managers.

Today Eelectron is leading the market by following his roots and including new technologies.



Eelectron SpA is a Training Center certificated by KNX Association. For more informations concerning our courses, check our site: www.eelectron.com





Shareholder of KNX Association since 2005, Eelectron is an example of technological leadership in the application of the common European standard protocol.

The EIB/KNX technology standard is now the most widely used in the field of control for buildings with service and residential uses, covering more than 10,000 devices produced by some 130 leading manufacturers in electronics / devices, and more than 12 million nodes installed worldwide.

KNX is approved by:

- European Standard (CENELEC EN 50090, CEN EN CEN 13321-1 and EN 1332-2 “KNXnet / IP”)
- International Standard (ISO / IEC 14543-3)
- Chinese Standard (GB / Z 20965)
- U.S. Standard (ANSI / ASHRAE 135)



It allows to combine Comfort and Savings, with long term investment protection, freedom of service provision and constant Technology Evolution.

Thanks to the KNX standard technology, various integrations are available on the system; therefore, together with Eelectron’s know-how, various technical requirements can be addressed.

KNX flexibility offers the possibility to add or reprogram new devices after installation and meets the needs of completion in renovations or extensions.



For more information see the KNX website at:

www.knx.org

9025

evolving skills

9025 KNX is a set of touch switches, a range dedicated to temperature management, and a technological system to control smart buildings.

The KNX® 9025 switch range consists of 2 – 4 – 6 – 8 – 10 channels capacitive buttons and Thermostats / Humidistats is mounted in 2 or 3 modules box and is compliant with main standards (British, German, Italian, etc). Devices are available in 2 ranges: STANDARD and RGB; each range may have glasses in CUSTOM version. Using glasses in CUSTOM version is possible to light up custom and interchangeable icons matching with the associated function.



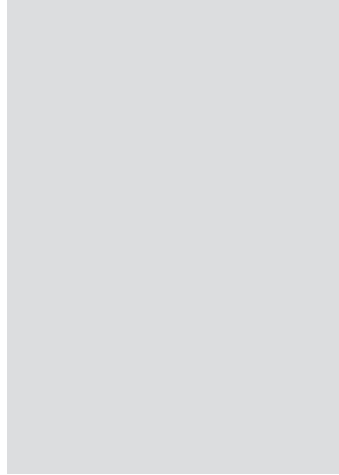
DESIGN PLUS
powered by: **light+building**

CAPACITIVE SWITCHES



Capacitive switches

Up to 10 controls, freely configurable

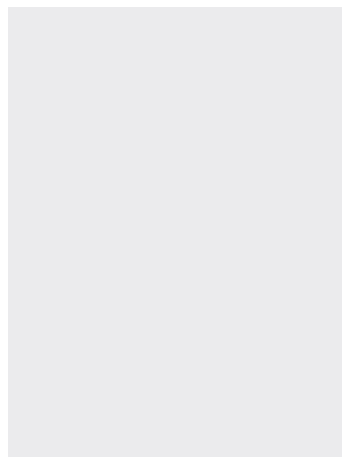


RGB Led bar

Temperature
HVAC Mode
Alarm display
Status display
Feedbacks



On/ off
Scenes
Dimming
Shutters/Venetians
RGB management
Control sequences



Proximity sensor



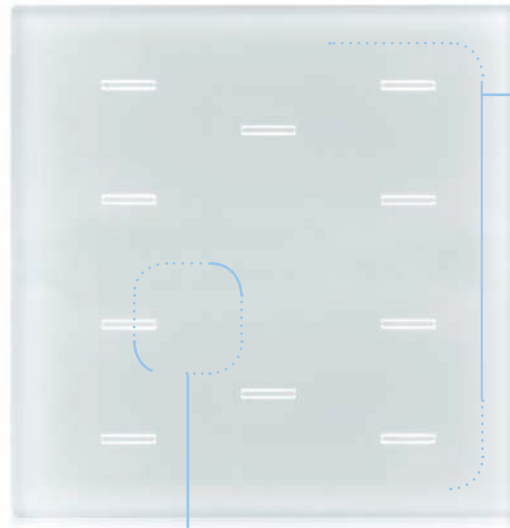
Thermostat Humidistat

2 stage room temperature
controller

CAPACITIVE SWITCHES



Standard range

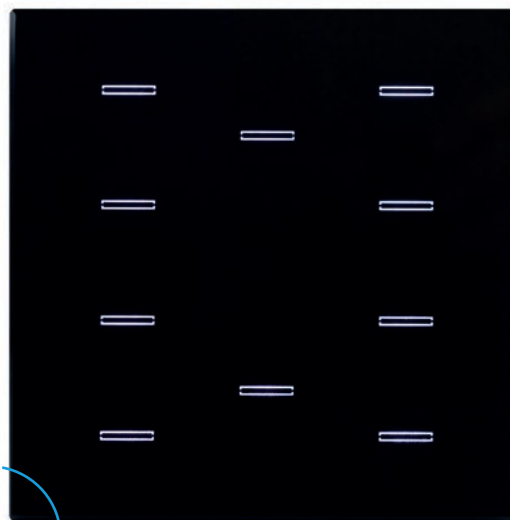


Embedded input

Analog / digital

Touch switches free configuration

- On/ off
- Scenes
- Dimming
- Shutters / venetians
- HVAC control
- RGB management
- DND & M.U.R. logic
- Control sequences
- ...
- Touch switches with proximity



Integrated temperature probe / thermostatic logics

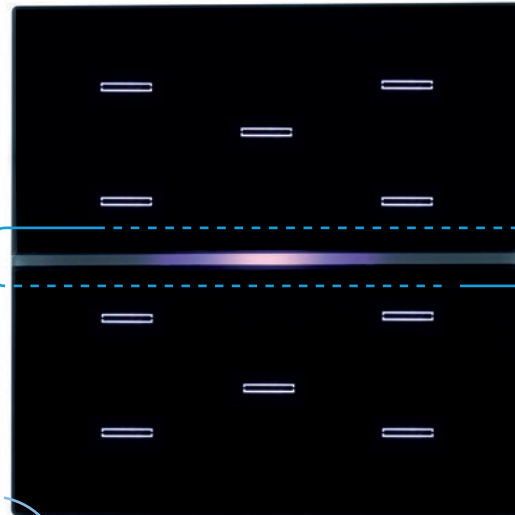


Available in different versions, up to 10 controls,
in white or black glass finishing
2 or 3 modules version

CAPACITIVE SWITCHES



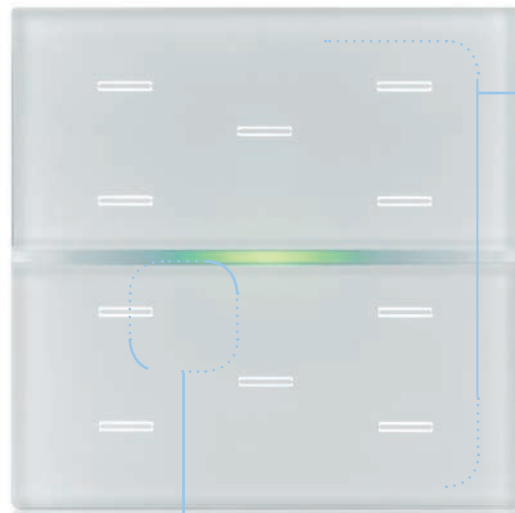
RGB range



RGB Led bar

- Temperature
- HVAC mode
- Alarm display
- Status display
- Feedbacks
- ..

Integrated temperature probe / thermostatic logics



Touch switches
free configuration

- On/ off
- Scenes
- Dimming
- Shutters / venetians
- HVAC control
- RGB management
- DND & M.U.R. logic
- Control sequences
- ...
- Touch switches with proximity



Embedded input

Analog / digital



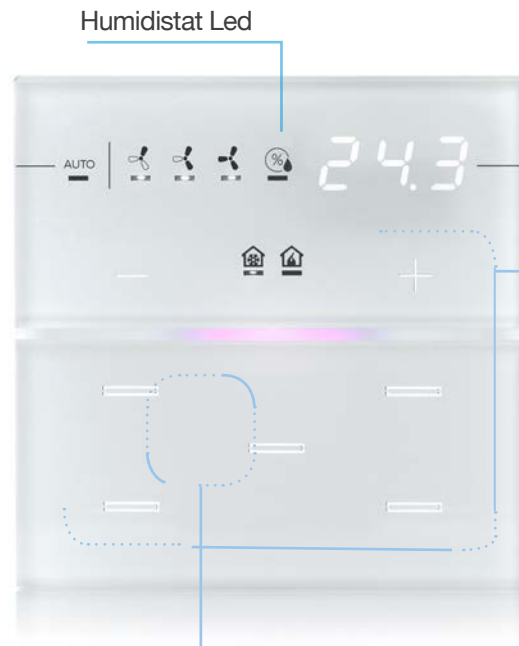
Available in different versions, up to 10 controls,
in white or black glass finishing
2 or 3 modules version

CAPACITIVETHERMOSTATS



Thermostat Humidistat

DESIGN PLUS
powered by light+building



Humidistat Led

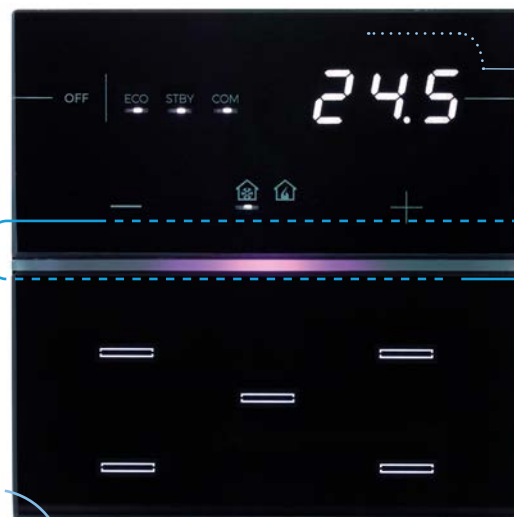
7 touch switches
free configuration

- On/ off
- Scenes
- Dimming
- Shutters / venetians
- HVAC control
- RGB management
- DND & M.U.R. logic
- Control sequences
- ...
- Touch switches with proximity



Embedded input

Analog / digital



RGB Led bar

- Temperature
- HVAC mode
- Alarm display
- Status display
- Feedbacks
- ..

Integrated temperature probe / thermostatic logics

Second temperature probe to manage a separate output
(e.G. towel heater)

Display available for **hotel** or **residential** applications



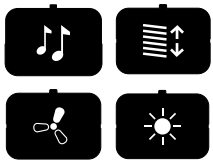
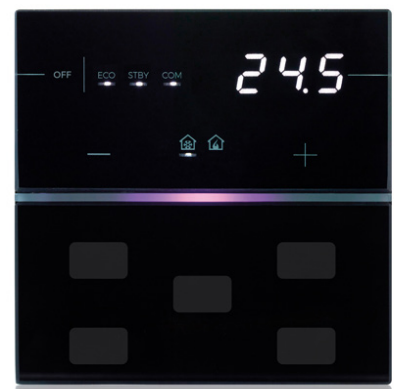
Available in Residential or Hotel version
with Humidistat option, up to 7 direct controls,
in white or black glass finishing
2 or 3 modules version



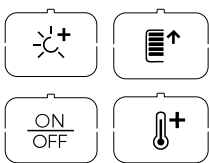
Customize
your **controls** after
programming
stage



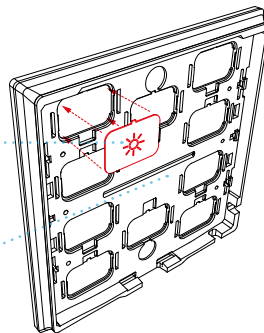
Custom Version



Replaceable Icons



Replaceable Icons



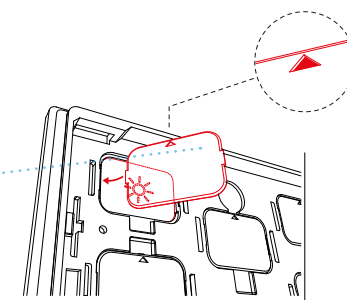
Put the icon in the seat following the indicated orientation

The 9025 CUSTOM version allows the installer to associate functions to displayed icons after installing the product, using a set of pre-printed icons.

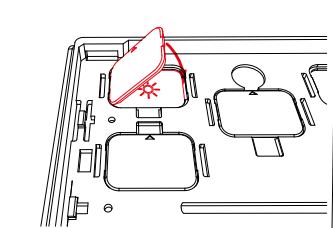
A simple, clear and flexible solution that delivers the highest possible customization level.



Light Guides



Position the light guide keeping the side identified by the symbol ▲ on the outside



Insert the light guide first on the short side, then push down until you hear the click!

in white or black glass finishing
2 or 3 modules version

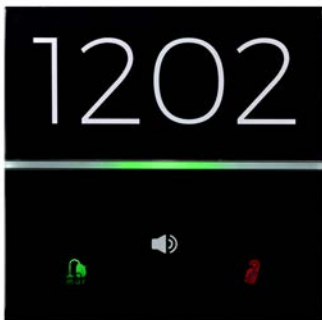
HOSPITALITY TODAY



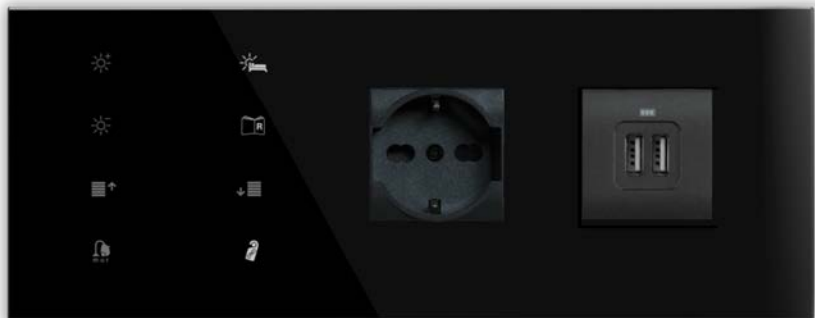
Hotel Application

9025 KNX is a set of touch switches, a range dedicated to temperature management, and a technological system to control smart buildings.

We have specialised several products functions to be applied to the hospitality segment, equipping the range with aesthetic elements, as door and bed side panels, or functional features, with dedicated logic to detect guests presence, or manage multiple communicating rooms heating, cooling and controls providing changes as required from the reservation center.



External **Doorpanel**



Bedside **Custom Panel**





302,5

Warmth, in your place

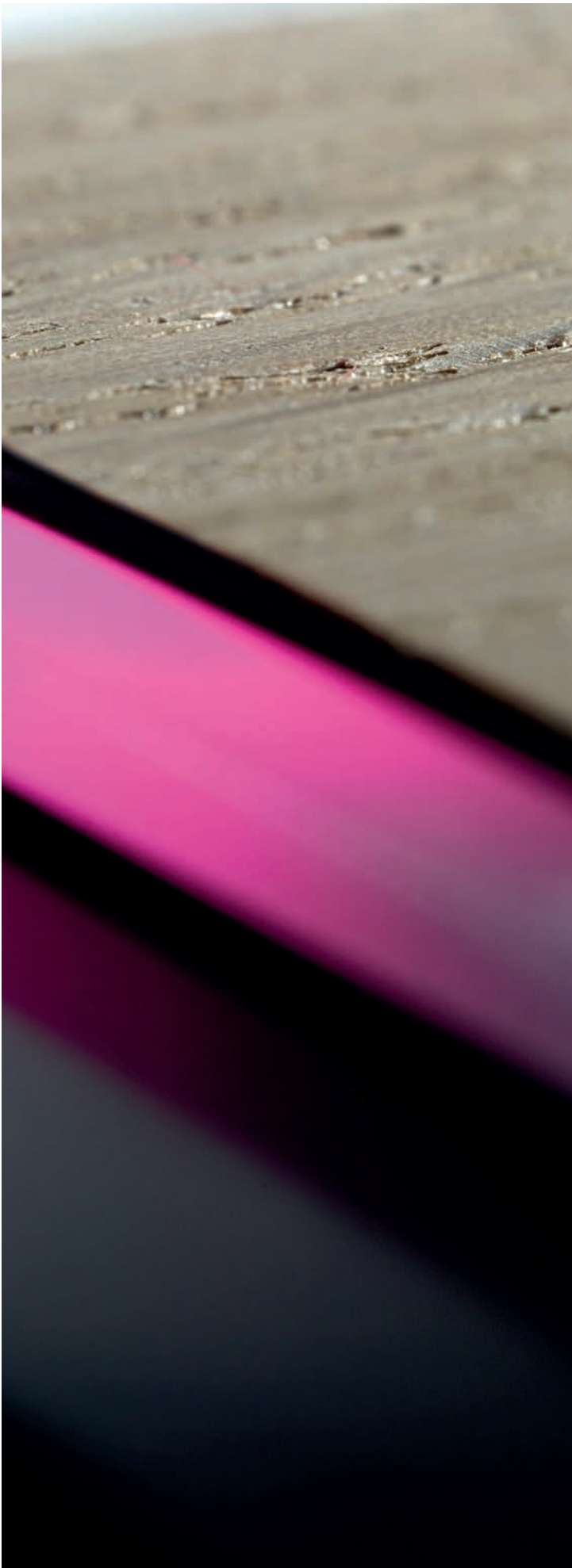
Essential lifestyle:

55x55, 4 Controls,

Different Materials,

Thermostat.





3025: lifestyle concentrated in 55x55 mm.

Materials, functionalities, finishing are essential values for your environment project.

Clear signalling

Easy displays of status (comfort, economy...), levels (dimming, temperature...), scenarios through settable LED bar with color and intensity variation.

Customization

Through icons, material, essences.

Finishing

Woods, brushed aluminium, glass, plastic



Temperature setting

With an integrated thermostat detecting and regulating a desired temperature.

Hidden functions

To be activated with a long pressure length.

Programmed setting

Scenarios, and power socket control.

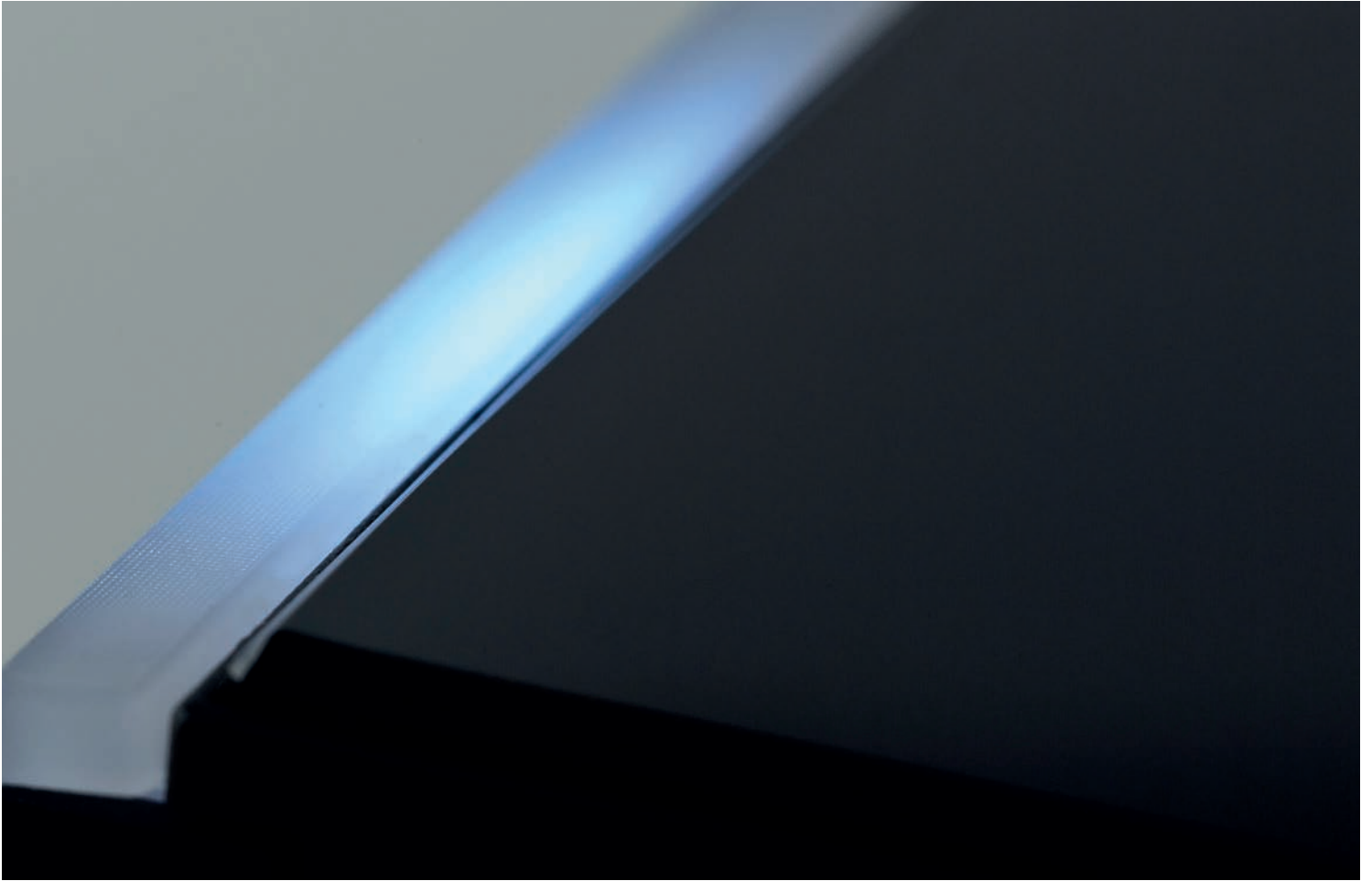
Centralized management of loads

Shutter, irrigation, gates, external drives.

Lighting control

Dimming, lighting sequences, management of scenarios.

KNX SWITCH

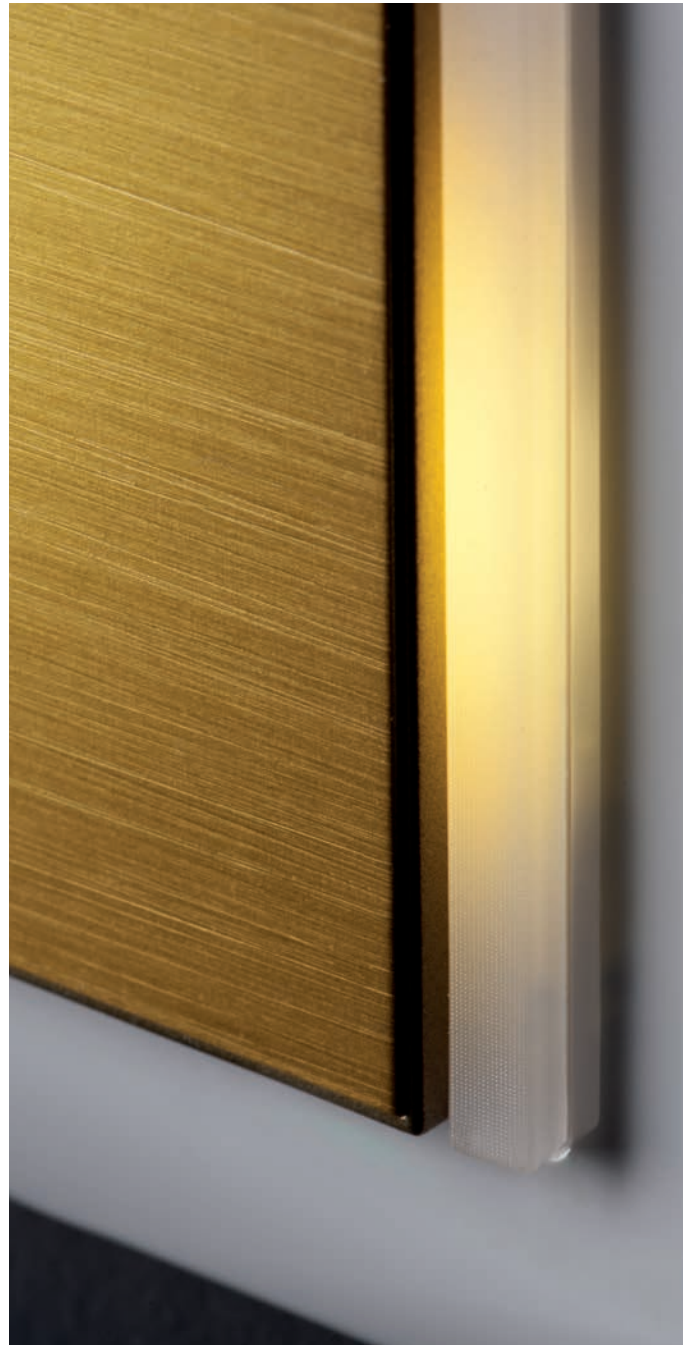


Thermostat logic

Heating and cooling management.

4 Channels KNX Switch

with direct bus connection.



LED RGB Bar

To display status and levels through full or dimmed colors.
Useful to display:

- Alarms
- Status
- Feedback

Installation

Suitable in 2 module boxes and fits in 55mm systems

Customization

Through icons on different materials

3025





We have selected building methods, processes, supply chain management with the unique goal of offering to our clients **total flexibility while choosing for 3025 finishing.**

Customization possibilities on the product and on its icons, are merging into a new structure, at your disposal.

Ask to our **specialists** to be followed in the **selection, sampling and delivery process.**



**BUILDING
& HOME
EVOLUTION**
Let us follow your ambitions...



eelecta[®]

You, in an homy and environmental world

eelecta is a product range dedicated to democratic, smart and creative design. To the interaction between users and lighting control, energy saving, temperature control, entertainment.

To an efficient use of space. To cost effective solutions for an eco-friendly environment. To private homes, buildings, hospitality.



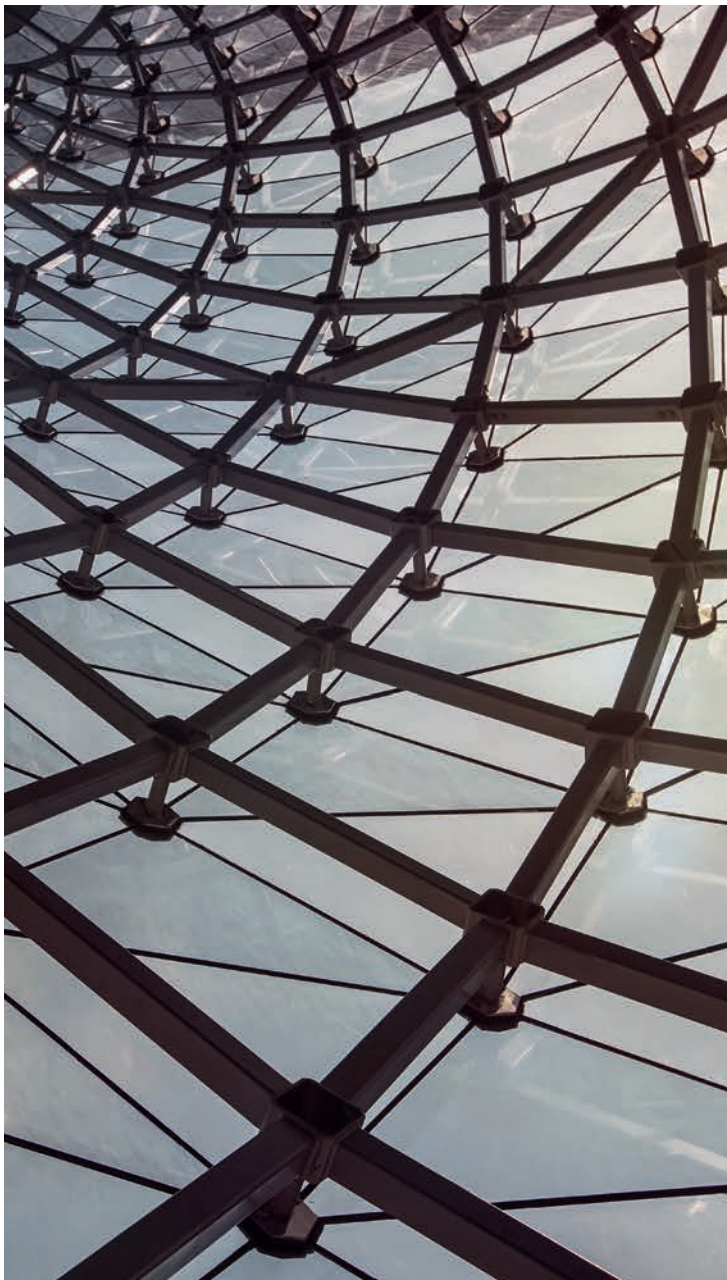
reddot design award
winner 2012



DESIGN PLUS
powered by: **light+building**

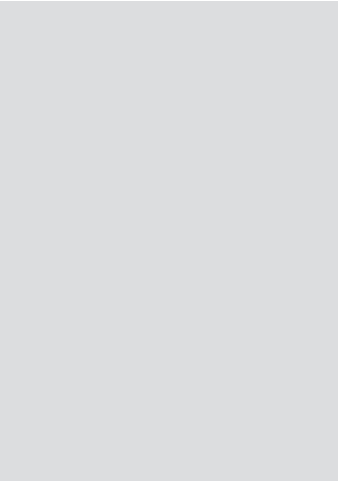
Design: Marco Fossati

HOMEPAD - MINIPAD



Stylish yourself

Eclectic, Creative... in line with your style.



Lighting control

Dimming, lighting sequences, management of scenarios using led technology

Audio/Video source selection

Channel, station, local volume and track selection

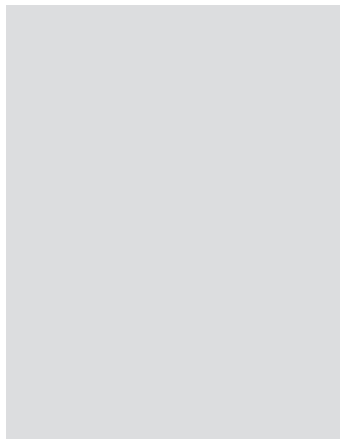
Programmed setting of electrical functions

Scenarios - Absence, party, relax... Socket power control



Differentiated temperature setting

With an integrated thermostat, detecting and regulating a desired temperature



Centralized management of valves and loads


Shutters, irrigation, external drives, gates

“Hidden” Functions

To be activated with a long pressure lenght on the Pad

Event based or occupancy based automation

A scenario or a given automation can be launched from an external device connected to the HomePad, as for example a traditional occupancy sensor

A close-up photograph of four brushed metal plates arranged in a circular pattern. The plates have a fine, vertical brushed texture and are set against a dark, pebbled-texture background. The lighting creates soft highlights and shadows, emphasizing the metallic sheen and the geometric arrangement.

Eelecta is a design and architectural element shaped to leave a coloured and graphical sign in the space.

How it works

Every pad drives one or two functions

Functions are reachable through pressure on pads corners

With a long pressure, another function is activated

4 frontal leds freely configurable



HomePad and MiniPad are available with 4 or 8 channels (functions), with thermostat, 4 inputs interface options and circular functions.

How to wire

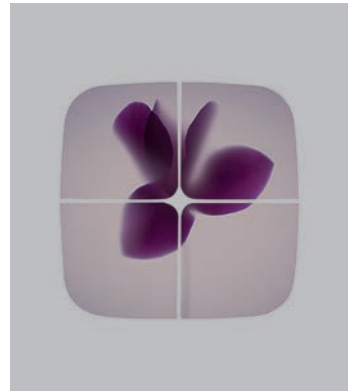
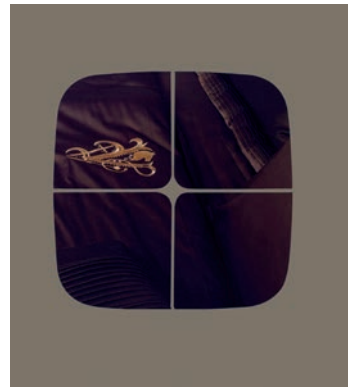
Lateral programmable led for night mode or night light

Integrated **thermostat**

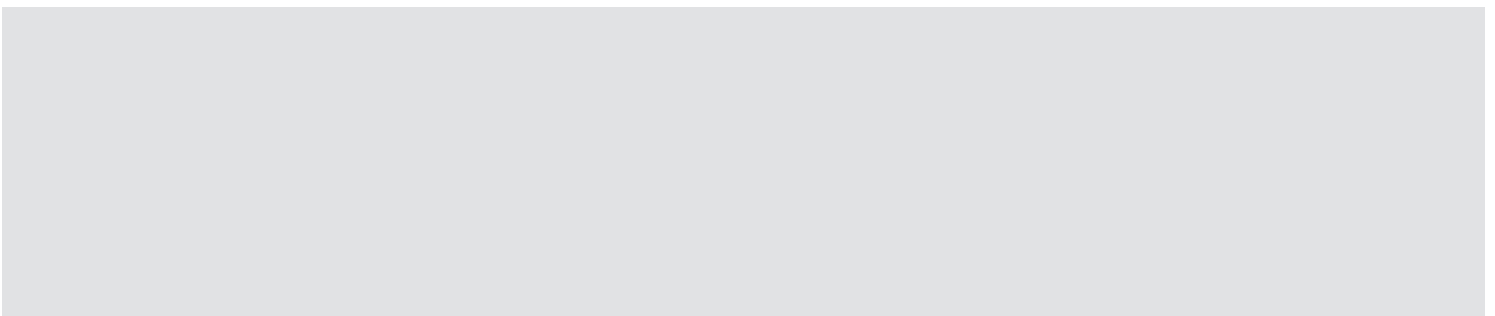
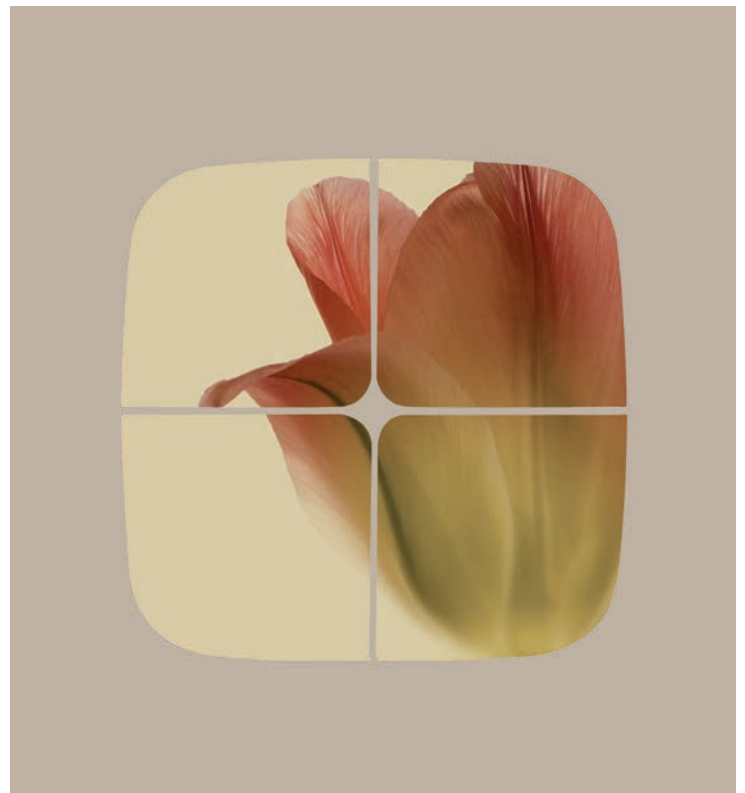
Until 4 inputs devices (standard switches, presence sensor, etc.) can be connected to the HomePad to activate smart functions

Direct **KNX bus connection**



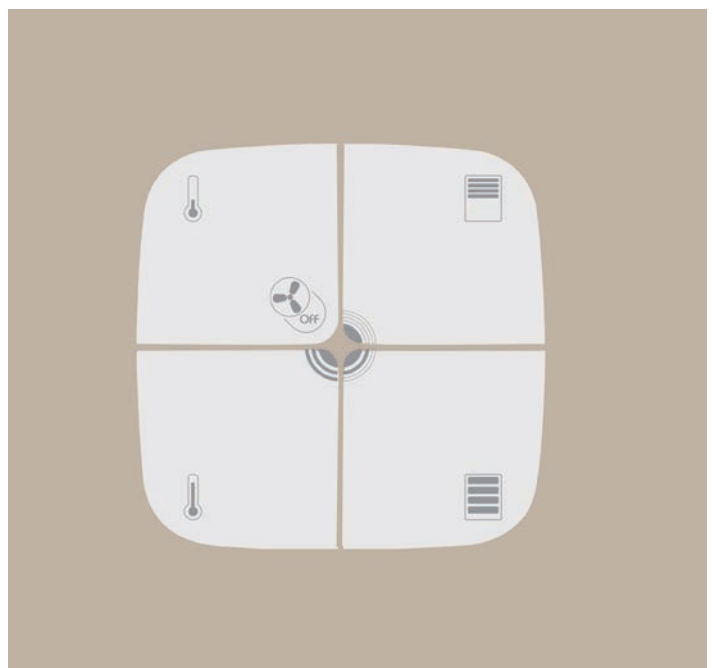


CUSTOMIZED
ARTWORK



CUSTOMIZED ICONS

- Design
- Colours and customized graphics
- Clear and easy fuction signalling throughout icons and colours



MINISWITCH



KNX MINISWITCH
Suitable for **eelecta** frames

1 - 2 - 4 channels
1 - 2 - 4 LED two coloured freely configurable



Sockets and frames with different finishes,
available for 2 module inwall box.





MINISWITCH with glass frame



MINISWITCH



TOUCHPANEL 3,5"

In a small space, in a distinctive shape, we have focused all our attention. Far from outward appearances, we have privileged the essence of an advanced interface, as expected by users.



eelecta[®]
You, in an homy and environmental world

Personalized:
Screen savers with
photographs, icons, skins,
colour and menu.



Multimodular installation:
Round or squared 2 modules box, rectangular
3 modules box, horizontal or vertical.



Scenarios, shutters, lights, external drives, loads management

One only control point to detect, program and manage every home function.

Tarif and load control

With a clever management of energy related expenditures, energy saving goes along with control and efficiency.

Temperature control and management local or zone based.

The touch panel has an integrated thermostat, managing 2 or 4 pipes systems, residential systems, air conditioning. Every temperature zone dedected from HomePads is programmed on an hour, day and week base.

Colour selection for RGB/DMX lighting on colour palette.

Coloured light sequences, programmed to show emotional scenarios, design and wellness environments

Entertainment

From the touch panel, audio systems and external devices (TV, STEREO, etc.), are managed selecting tracks, volumes, sources, artists.



- Direct KNX bus connection
- 12/30 Volt DC power supply
- Integrated buzzer for alarm signalling
- Frontal led for signalling or night light
- 6 programmable pages with 8 functions
- Settable password protection
- Integrated thermostat
- Supercap battery for clock memory after temporary (24h) black out.



Wind Alarm

No wind



Wind Speed

10.3 km/h

HORIZONE




Supervision Environment for intelligent buildings

Supervision system for Building & Home automation

- Direct connection to KNX and ModBus
- Access, configuration and management both locally and remotely from a PC / Mac, smartphone or tablet through a web browser (Safari, Google Chrome, etc. or with a free dedicated app (available for Apple and Android devices)
- Quick configuration: you can import your own structure from ETS building (KNX system)
- Voice control





	Irrigation On
	GAS Alarm
	Water Alarm



Smartphone
Compatible with all iOS/Android devices



PC/Laptop
Compatible with MacOS/Windows OS

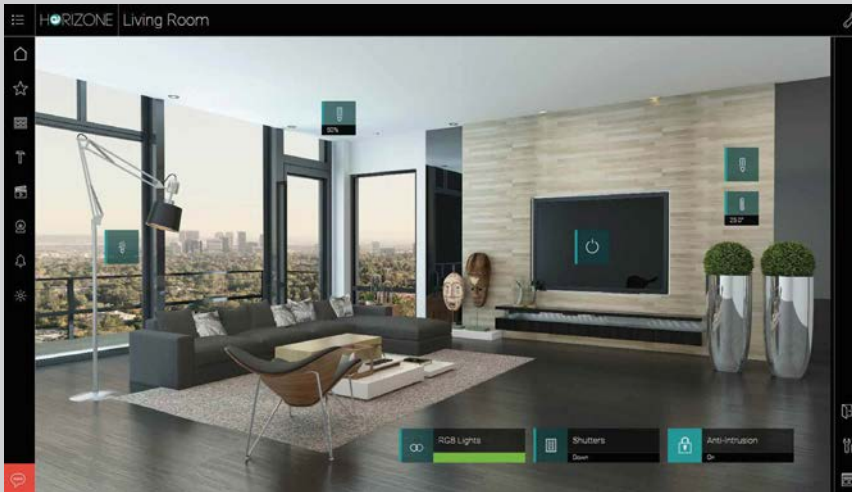


Tablet
Compatible with all iOS/Android devices

Residential

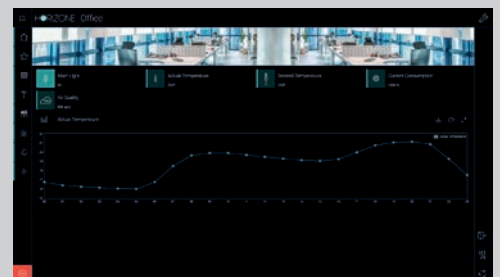
HORIZONE is the ideal solution to manage every technological sub-systems for home evolution: lighting, blinds shadows, temperature, loads control, power consumptions, door intercoms, irrigation, security cameras, alarm, music/video. HORIZONE has been designed to deliver full control over an installation with one only tool. Easy access from Pc/Mac or mobile devices, from your house or remotely.

Built over a reliable and powerful software architecture, HORIZONE allows users with varied possibilities to create scenarios, logic, and advanced controls with simplicity.



Building Automation

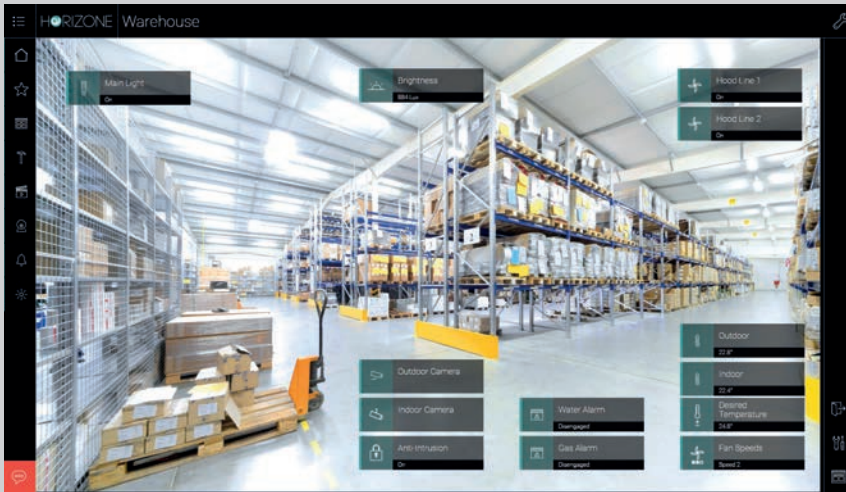
HORIZONE, available in different sizes, is the perfect solution either for small environments, like professional studios, shops, showrooms, and for extended applications in commercial malls, office buildings, sport complexes, hospitals. Dedicated centralised management functions are also available for multi-facility corporations, as for shops or delocalised manufacturing sites. The solution is scalable, from small to more complex installations, also in steps and with no changes to the process and architecture. Moreover, the system is not requiring any working PC in the installation.



Industrial Workplace Automation

HORIZONE delivers high end automation to production sites, and industrial buildings. The robust hardware and product construction quality are matching with product reliability, stability and immunity to disturbs and interferences. HORIZONE offers compatibility to Modbus protocol, without using external interfaces.

It is now possible to integrate signals coming from other layers, and to manage meters, control units, sensors, PLC, SCADAS that are working in the environment over different subsystems - to be integrated in graphical pages displaying values and status, as to integrate HVAC advanced controls.



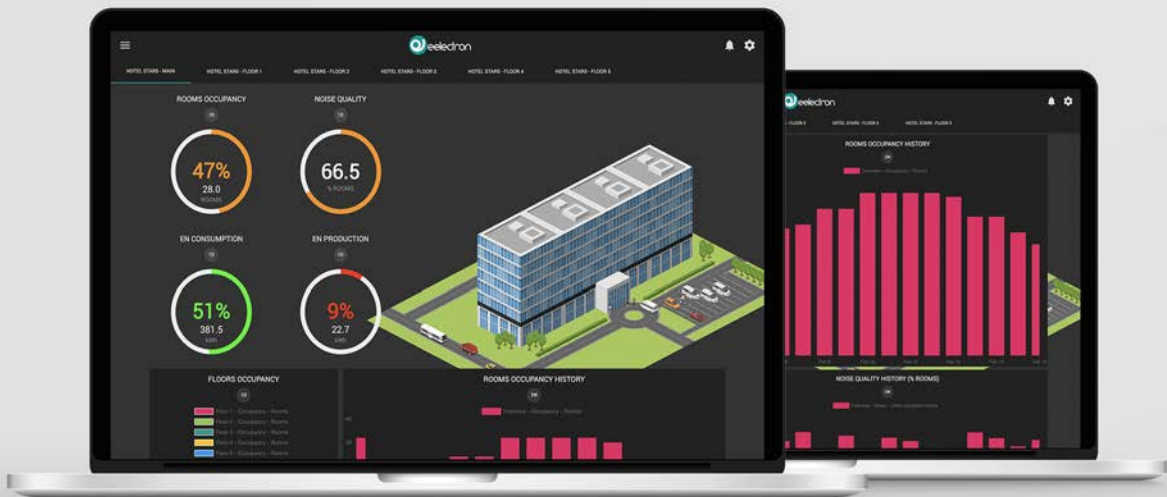
- Direct KNX and Modbus standard communication
- Local or remote configuration and control from Pc/Mac, smartphone or tablet, through web browser (Safari, Google Chrome etc.) or with an Apple or Android free app
- Fast configuration: ETS project direct import function (KNX installation)

- DIN rail (5 modules) electrical board installation
- Including HORIZONE PDK: an offline tool to develop and configure supervision projects without server internet connection
- Customizable graphics
- Multi-user environment to create different user profiles, password protected

Hospitality industry

A Complete view on the entire building, common areas, alarms client's and staff activity locally or from remote

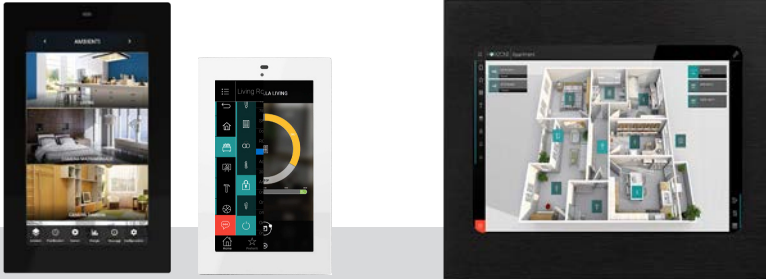
HORIZONE WEBSERVER controls KNX, MODBUS, fire detection, security and audio/video systems with standard and proprietary protocols.



The robust hardware and product construction quality are matching with product reliability, stability and immunity to disturbs and interferences.



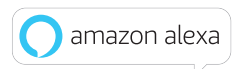
The system offers native compatibility to ModBus protocol, without using external interfaces: it is possible to integrate signals coming from other layers, and to manage meters, control units, sensors, PLC, SCADAS that are working in the environment over different subsystems - allowing the integration in graphical pages displaying values, status and controls to and from these subsystems.



- SUPERVISION
- ADVANCED LOGICS
- SCENES
- SCHEDULES
- INTEGRATION
- SCRIPTING
- GATEWAY FUNCTIONS



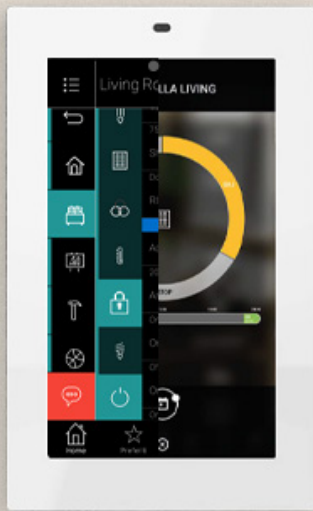
HORIZONE webservers can be managed with PC / MAC, smart devices (with dedicated app) and voice assistants, both in local network and remotely, via cloud connection



TOUCHPANEL 5" & 8"

TOUCHPANEL 5" & 8"



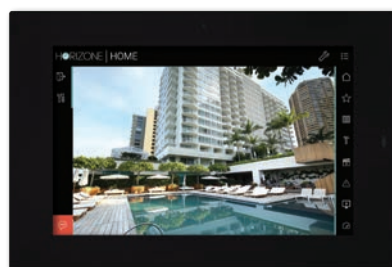
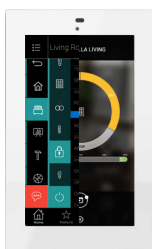


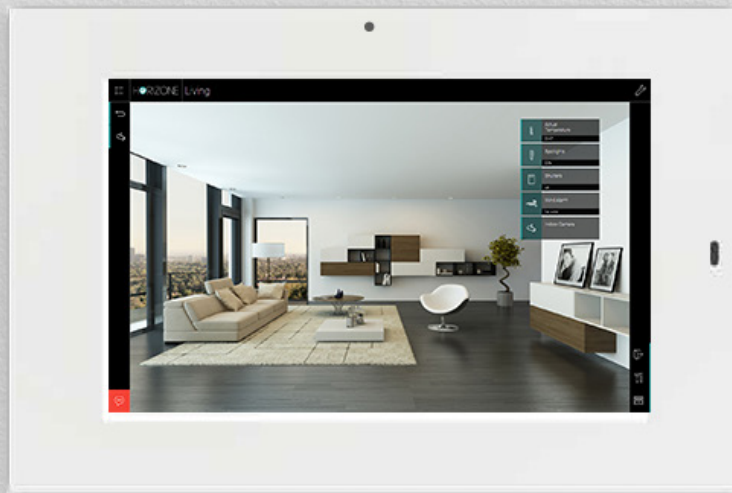
New range of Horizone wall-mounted IP touch panels.

Exceptional graphics with Horizone supervision: both on the small 5", compact and versatile, and on the generous 8", full control of every aspect of the environments.

outstanding supervision
for any ambience.

HORIZONE
Supervision Environment for intelligent buildings

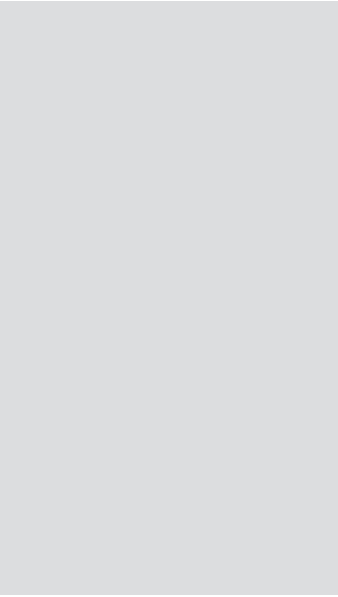
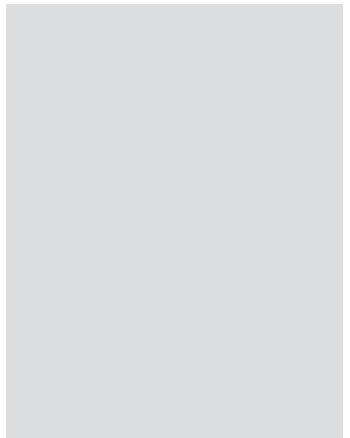
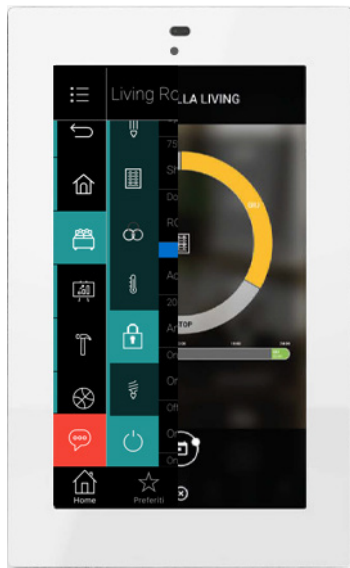




**Minimal design,
exceptional graphic
rendering on HD display**

Full control over all the building and home automation functions: lights, shutters, burglar alarm, air conditioning, energy saving management and multimedia system.

Unprecedented performance, ideal for the home, office, shops and any other installation area.



Touch Screen

Capacitive with multi touch & gestures support

Speakers

High definition audio through incorporated amps

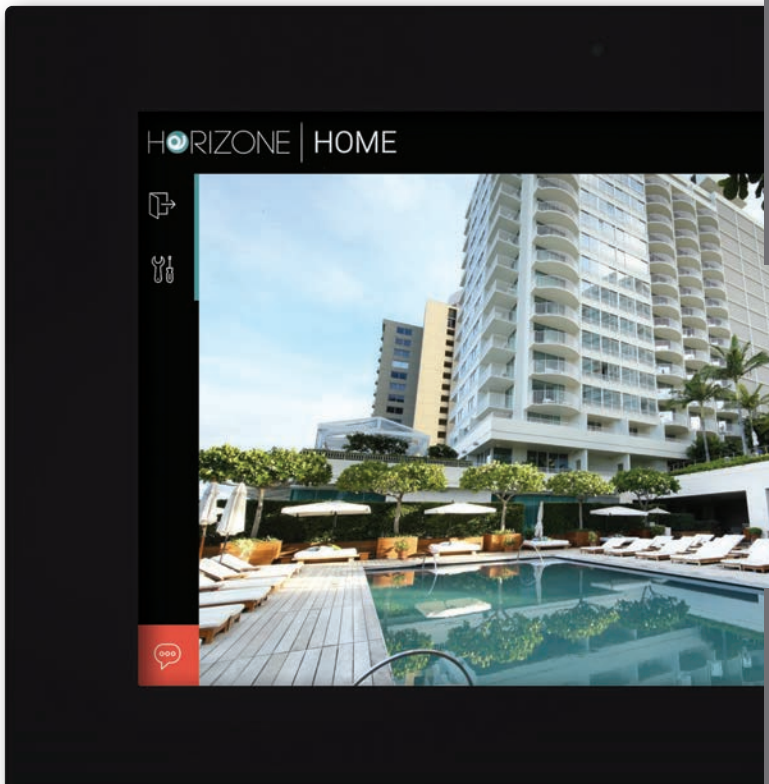
Microphone

Integrated microphone – echo canceling high resolution

Gyroscope

Auto survey, Horizontal or Vertical orientation

Horizone IP Touch Panel is an Android based touch panel with a coloured 8" or 5" display in which can be installed third-party applications for the integration of different systems.



DOCKINGSTATION

DockingStation

Ultimate on wall aluminium solutions

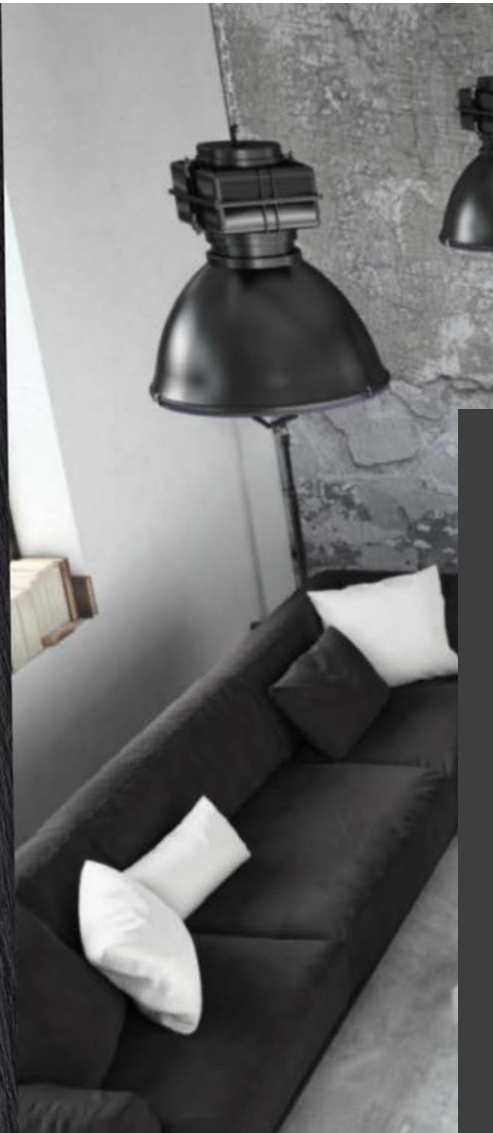


DOCKING STATION

iPad Air 2 / iPad Pro 9,7" & iPad mini 2 / iPad mini 4

Docking Station can hold and charge your iPad. Without any visible cables you can power your Docking Station by an inwall power supply.

DOCKINGSTATION



* Lightning/USB cable included



Docking Station for iPad Air 2/New iPad Pro 9,7" Metal*



Docking Station for iPad Air 2/New iPad Pro 9,7" Metal - Black*



Docking Station for iPad Air 2/New iPad Pro 9,7" White*



Docking Station for iPad Mini 2/iPad Mini 4 Metal*



Docking Station for iPad Mini 2/iPad Mini 4 Metal Black*



Docking Station for iPad Mini 2/iPad Mini 4 White*

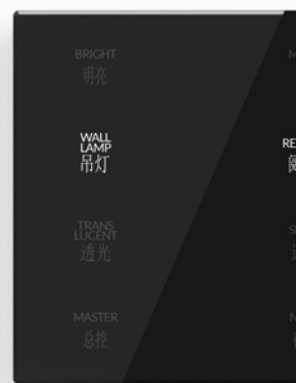
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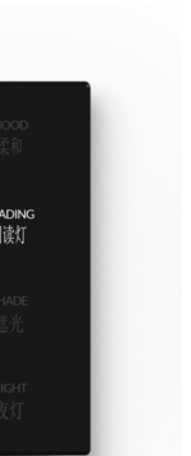
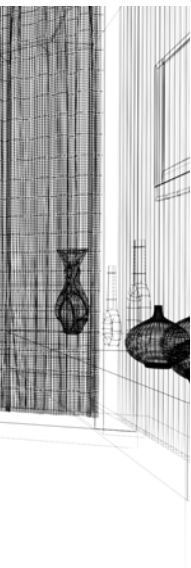
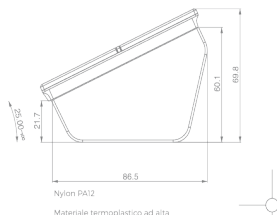
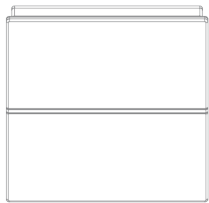
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