



For more than 20 years Eelectron is, in the international scene, a role model of technological leadership in the application of the KNX international protocol for building& home automation.

Eelectron, with its branch offices in **China, Dubai, Hong Kong and Spain**, distributes its systems in over 80 countries worldwide.



Cooperation & early engagement



Project and solution pre-sales assistance



Multilanguage Technical Support



Post sales extensions and upgrades



Virtual and on site trainings, documentation, ...

empowering user experience



BRIGHTNESS CONTROL



CONSTANT DIMMING



HUMAN CENTRIC LIGHTING



PRESENCE DETECTION



HVAC CONTROL



BLINDS AND SHADES CONTROL



ENERGY CONSUMPTION MONITORING



AIR QUALITY



CONFIGURABLE SMART LOGICS



SUPERVISION



INTEGRATION



REMOTE CONTROL



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Building & Home evolution

Building & Home evolution

Founded in 1994, Eelectron® is an **Italian company** that manufactures and sells hardware and software electronic devices on **KNX and Bluetooth standards**, in over 80 Countries.

Eelectron's product range addresses **home evolution, hospitality, health and building automation sectors**.

Member of the KNX association in the manufacturers category since 2005, Eelectron® represents an example of technology leader in the application of the European common standard protocol.

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 has engendered Eelectron's distinct reputation.

Thanks to the **easy** use and installation, optimal functionality, high technological content and Italian design that offers customization options, **Eelectron® products are the privileged choice in the most ambitious projects**.



Eelectron SpA is a KNX certified training center: accredited by the KNX Association for the organization of basic, advanced and HVAC courses.



continuous modernization





commercial building

Electron KNX building automation automates functions of medium-large buildings: commercial, offices, museums, public buildings. The system offers **automatic management** and guarantees **continuous integrated control**, lowering **energy costs** and **improving efficiency**. In addition to that increases **comfort** and **safety of the occupants** and improve **quality of life**.



OTOMO
OFFICE THERMOMATICS

More comfort, higher energy efficiency, scalability, security and a better quality of life.



Actuators
[Inputs - Outputs]



DIN module 16 digital inputs
Series K
4-8-12 outputs



Dimmers

1 Channel x 700w (master & slaves)
2 or 4 Channels x 300w
4 Channels LED / RGB W
4 Channels 1-10v



Push Button Interfaces

Push Button Interfaces
2 - 4 - 6 Inputs / 2 Outputs Led
Push button interface
Analog/digital interface 8 Inputs / 4 Outputs
Led and thermostat function
Pulse Counter function



Gateway KNX

DALI Gateway
DALI Gateway Tunable White
DMX Gateway



Presence Detectors and multisensors

Presence detector **Basic**
Presence detector **Standard** with lighting control
Presence detector **Multi.Sensor** - lighting control, temperature, humidity, sound sensor
Presence detector **High Bay** with lighting control
Presence detector **Space.Sensor** with lighting control, temperature, humidity, sound sensor, occupancy and activity function

Plugin Sensor - CO₂ + temperature
Plugin Sensor - VOC+eCO₂ + temperature

Wide Range Presence Detector
Corridor Presence Detector



Climate Control

Electrothermal valves module 4-8 channels
Fancoil Controller 0-10 V
Universal Fancoil Controller 0-10 V
Valve drive



Energy Meters

Energy meter single or three phase
MID Certification

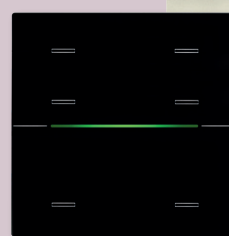


healthcare

Building automation to make daily life easier for patients and personnel

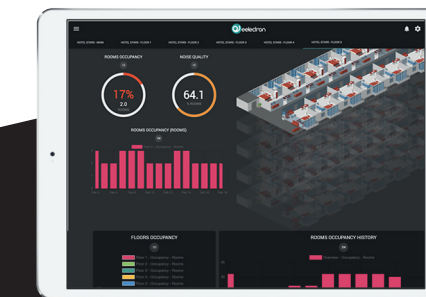
Health sector requires **comfort and safety for the patients** and optimum operational conditions for care-staff and personnel.

The aim is to increasing the safety and organize the hospital and nursing home processes cost-efficiently, thanks to our **building automation technology**.



hospitality

Unique experience for guests & staff.
Highest standards ever, as a must.

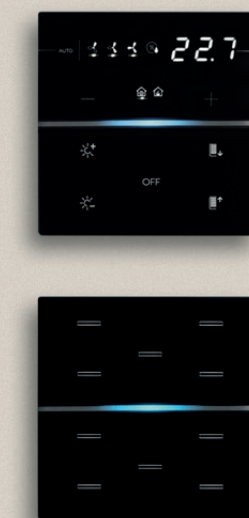


Hospitality industry is a complex environment with a particular attention to:

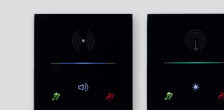
- exceptional guest experience through **Usability, Comfort & Design**
- delivery of a quality service through **Profitable Operational Efficiency and Integration**
- request for competitive, reliable and **scalable solutions** for operators, protecting investment in the medium-long term period

residential

Automate the functions of a residential building to offer **comfort, safety** and **simplicity**, future-oriented, to maintain commercial attractiveness over time, contribute to **environmental sustainability** and better **enjoy your home**.



Benefits of a smart home.
encourages comfort and allows considerable energy savings



Access Control

Doorpanel Transponder Reader
Transponder Holder
Transponder Card Programmer



controls and design buttons

9025 | capacitive switches up to 10 channels
3025 | 55 X 55 mm switches - 4 channels
electa | MiniPad - 4 or 8 ch. version



Weather Station

Weather station



Touch Panels

Touch Panel 3,5"
Touch Panel 5"
Touch Panel 8"



Supervision

Horizone & Horizone mini
supervision webserver for Building & Home Automation

eSuite | Supervision for the hospitality industry



eSuite Software

Software for hotel management, for the supervision of KNX environments and for access and alarm control



OTOMO System Components



System Components & Interfaces

Power Supply 640mA
Power Supply KNX 1280mA
USB Module
IP-KNX Secure Module
Router IP-KNX Secure
Line coupler DIN Bus KNX
Time/astronomical Master

DALI Module 2 ch. x 8 ECG Broadcast
IO40 Module (4 IN + 0 OUT)
IO41 Module (4 IN + 1 OUT)
IO42 Module (4 IN + 2 OUT)
Brightness & Temperature Sensor
Presence & light sensor 2 channels

BEACONS
OTOMO-KNX Gateway
OTOMO-IP-MODBUS Gateway
OTOMO App