



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



Eelectron spa
Via Monteverdi 6 | 20025 Legnano (MI) - Italia
Tel: +39 0331 600802
Email: info@eelectron.com
Web: www.eelectron.com

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**.

continuous modernization



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





commercial building



OTOMO
OPENED OFFICE AUTOMATION

Eelectron 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**.

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



Actuators
[Inputs - Outputs]

Inwall 3 inputs /2 outputs module

Universal DIN Rail Modules
Serie_F
4-8-12-16 **inputs / outputs** with & without SD card
4-8-12-16 - 24 **outputs** with & without SD card

DIN module 16 digital inputs

DIN Rail Modules Load and Shutters
Serie_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

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**.



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

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

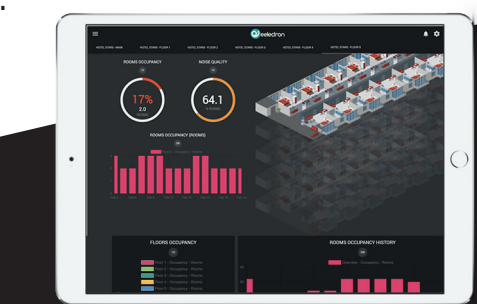
OTOMO System Components

Bluetooth

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

hospitality

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



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

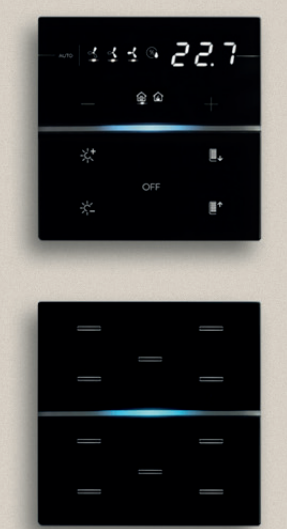
- exceptional guest experience through **Usability, Comfort & Design**
- delivery of a quality service through **Profitable Operational Efficiency** and **Integration**
- request for competitive, reliable and **scalable solutions** for operators, protecting investment in the medium-long term period

Access Control

Doorpanel Transponder Reader
Transponder Holder
Transponder Card Programmer

E-Suite Software

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



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

controls and design buttons

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



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

residential