

For 30 years Eelectron is, in the international scene, a role model of technological leadership in the application of the KNX, DALI, MQTT e BLE for **Building & Home evolution**.

Eelectron, with its branch offices in **Middle East, Asia** and **Europe**, products, applications and systems **in over 90 countries worldwide**, providing the following services:

- Cooperation & early engagement
- Project and solution pre-sales assistance
- Multilanguage Technical Support
- Post sales extensions and upgrades
- Virtual and on site trainings, documentation, ...

 MERCURE TIMISOARA HOTEL TIMISOARA - ROMANIA	 TELAL RESORT HOTEL AL AIN - UNITED ARAB EMIRATES	 SANTUARIO DELLA BEATA VERGINE DI POMPEI POMPEI - ITALY
 BOCCONI UNIVERSITY MILAN - ITALY	 LS PLATOU CLARKSON OFFICES OSLO - NORWAY	 IRIS BLUE TOWER DUBAI - UNITED ARAB EMIRATES
 TEMPLER VILLA KUALA LAMPUR - MALAYSIA	 CHARMING FOX SAMUI KOH SAMUI - THAILAND	 DIESEL SPA HEADQUARTER BREGANZE (VI) - ITALY
 ARPA HEADQUARTER FERRARA - ITALY	 HOTEL CATALONIA FIRA BARCELONA - SPAIN	 URBAN LIGHTING BELLINZONA - SWITZERLAND
 VAN DER VALK HOTEL HEERLEN HEERLEN - NETHERLANDS	 AIRPORT CENTOCELLE ROME - ITALY	 INDOOR STADIUM TALLIN - ESTONIA
 ORMISTON JUNIOR COLLEGE AUCKLAND - NEW ZEALAND	 SOFIA HOTEL BALKAN SOFIA - BULGARIA	 GORANI PALACE MILAN - ITALY

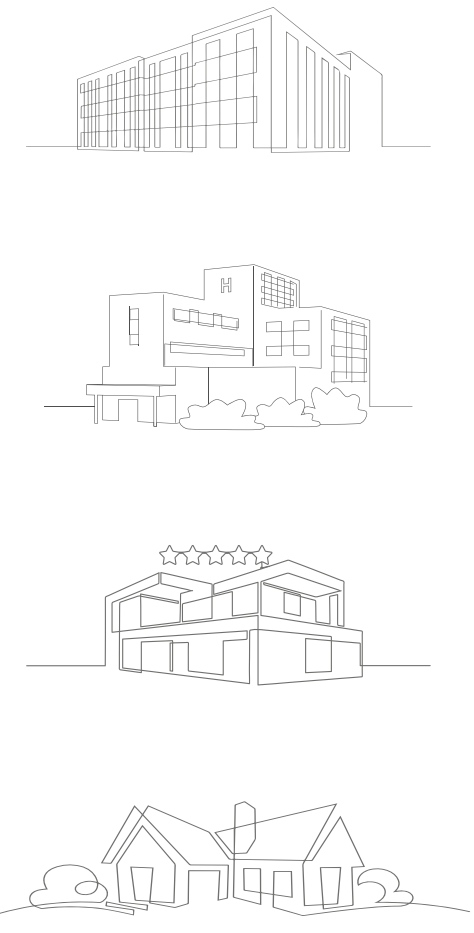
Eelectron spa
Via Monteverdi 6 | 20025 Legnano (MI) - Italy
Tel: +39 0331 500802
Email: info@eelectron.com
Web: www.eelectron.com

 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

03.25 EN



building & home evolution



ITALIAN DESIGN

Building & Home evolution

Eelectron is an **Italian company** that designs and manufactures electronic devices, hardware and software on **KNX, DALI, MQTT and Bluetooth standards**.

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 is to combine the aspects of **design and functional aesthetic** research with the realisation of highly innovative devices, combined with the **interoperability** of KNX - now in the "Secure" version - and compliance with the stringent international quality standards.

Eelectron's experience is dedicated to smart building operators, with constant training, product support and continuous technological development.

Special attention is dedicated to the 'UX' user experience and emerging applications, **energy saving, sustainability** and the development of simple and **effective solutions** for the **benefit of occupants and operators**.

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

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

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

Eelectron KNX building automation integrates functions **from micro to 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, sustainability for a better quality of life.

healthcare

Connected room automation to make daily life easier for patients and personnel.

Health sector requires **comfort at any day and any time in each area for the patients** and optimum operational conditions for care-staff and personnel.

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

hospitality

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

- Exceptional guest experience through **Usability, Comfort & Design**
- Delivery of quality service through **Operational Efficiency** and **Integration**
- Competitive, reliable and **scalable solutions** for operators while preserving investment over building lifecycle

residential

Automate the functions of a residential building to improve **comfort, safety** and **ease of use**; future-oriented to maintain value over the time, contributing to **environmental sustainability** and better enjoyment of your home.

Benefits of a smart home: comfort and energy savings.



Inwall Modules 4 inputs / 2 outputs KNX

F-Series DIN Rail Universal Modules Plus [with & without SD card]
4 - 8 - 12 - 16 **inputs / outputs**
4 - 8 - 12 - 16 - 24 **outputs**
4 - 8 - analog / digital inputs | 16 digital inputs
8 inputs **high voltage** 100 - 250 V AC/DC

K-Series DIN Rail Universal Modules
4 - 8 - 12 outputs
Shutter 4 OUT **12 - 24 V AC/DC**

S-Series DIN Rail Universal Modules
8 OUT 20A - 230 V AC
with current sensors
8 OUT 20A - 230 V AC
with mechanical manual override

Actuators
[Inputs - Outputs]



Dimmers

1 Channel x 700 W (master & slave)
2 or 4 Channels x 300 W
4 Channels LED / RGB W
4 Channels 1-10 V

Push Button Interfaces
4 inputs - 4 outputs LED **Secure**



Gateway KNX
DALI Gateway Tunable White 1CH
DALI Gateway Tunable White 2CH
DALI Gateway multi master application controller MQTT
DALI Gateway broadcast - 4CH
BACnet Gateway
Gateway DMX

Presence Detectors and multisensors

Multi Sensor Range Presence Detectors

Basic

Standard with lighting control, with BLE beacon option

Multi.Sensor with lighting control, temperature, humidity, sound sensor

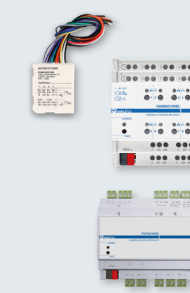
High Bay with lighting control

Space.Sensor with lighting control, temperature, humidity and sound sensor, occupancy and activity function, with BLE beacon option

Wide Range with lighting control

Corridor with lighting control

Plugin Sensor - CO₂ + Temperature
Plugin Sensor - VOC + CO₂ + Temperature
Plug-in **Wireless Door Lock** System Interface



Climate Control

Electrothermal valves module 4-8 channels
Universal Fancoil Controller 3 x 0-10 V 5 IN - 3 OUT
Universal Fancoil Controller 4 x 0-10 V 5 IN - 3 OUT
Valves / Loads Actuator 8 inputs / 4+4 outputs
Analog / Digital Module 8 IN / 4 Led OUT - 4 Thermostats



Energy Meters

System Components & Interfaces



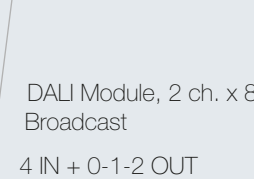
Energy meter single or three phase
MID Certification

Surveillance Module KNX
Power Supply KNX 640 mA
Power Supply KNX 1280 mA
KNX Bridge - IP Interface and Power Supply + AUX 640mA
KNX Bridge - Interface eLOCK Salto - Power Supply + AUX 640mA - KNX Secure
KNX IP Interface secure
IP Router-KNX Secure Interface
Line coupler KNX
USB Module
Time / Astronomical Master



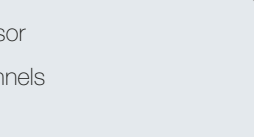
OTOMO System Components

eSuite App



DALI Module, 2 ch. x 8 ECG Broadcast
4 IN + 0-1-2 OUT
Brightness & temperature sensor
Presence & light sensor 2 channels
Gateway OTOMO-KNX
Gateway OTOMO-IP-MODBUS
OTOMO App / Beacons

Guest Access Control



Weather Station

Weather station
Software for hotel management; KNX supervision for rooms and common areas, access control and alarming

Visit **mycustom.eelectron.com**

KNX Touch Panels

eTouch App

Design Awarded Switches & Thermostats



OL-U | switches & thermostats up to 16 ch + Swipe bar
9025 | capacitive switches & thermostats up to 10 ch.
3025 | 55 X 55 mm switches - 4 ch. + RGB LED
eelecta | MiniPad - 8 ch. + 8 LED + 1 RGB

Supervision

Horizone & Horizone mini supervision webserver for Building & Home Automation
Android Touch Panels 5", 8"

Horizone Manager App