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, ...





HOTEL Timişoara - Romania Al Ain - United Arab Emirates





BOCCONI UNIVERSIT Milan - Italy

OFFICES Oslo - Norway



CHARMING FOX SAMU

EMPLER VILLA Kuala Lampur - Malaysia







ARPA HEADQUARTER FERBARA - ITALY

Barcelona - Spain



Heerlen - Netherlands

HEERLEN

AIRPORT CENTOCELLE Rome - Italy





SANTUARIO DELLA BEATA VERGINE DI POMPEI Pompei - Italy

SOFIA HOTEL BALKAN Sofia - Bulgaria



CONTROL

CONFIGURABLE

SMART LOGICS















MONITORING

1-8-

HUMAN CENTRIC LIGHTING











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SUPERVISION

SHADES CONTROL

৾৾৴ৢৢৢৢৢ INTEGRATION









ORMISTON JUNIOR COLLEGE Auckland - New Zealand



IRIS BLUE TOWER Dubai - United Arab Emirates



DIESEL SPA HEADQUARTE Breganze (VI) - Italy



URBAN LIGHTING Bellinzona - Switzerland



INDOOR STADIUM Tallin - Estonia



GORANI PALACE Milan - Italy







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.







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



F @ %

More comfort, higher energy efficiency, scalability, sustainability for a better quality of life.

KNX Bluetooth DALD MOTT



Inwall Modules 4 inputs / 2 outputs KNX

4 - 8 - 12 - 16 inputs / outputs

4 - 8 - 12 - 16 - 24 outputs

[with & without SD card]

F_Series DIN Rail Universal Modules Plus

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



Actuators

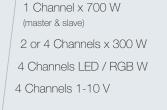
[Inputs - Outputs]

S_Series DIN Rail Universal Modules 8 OUT 20A - 230 V AC with current sensors 8 OUT 20A - 230 V AC



Push Button with mechanical manual override Interfaces | LED Secure





2 - 4 - 6 inputs /

2 - 4 - 2 outputs LED

4 inputs - 4 outputs 🛛 😭



Push Button Interfaces

Gateway KNX

BACnet Gateway

Gateway DMX

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.



and multisensors

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Multi Sensor Range Presence Detectors

Standard with lighting control, with BLE becon 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 becon option Wide Range with lighting control Corridor with lighting control

Plugin Sensor - CO₂ + Temperature Plugin Sensor - VOC + CO_2 + Temperature

Plug-in Wireless Door Lock System Interface



DALD



DALI Gateway controller MQTT

DALI Gateway broadcast - 4CH



Tunable White 2CH multi master application Presence Detectors

lighting control

Humidity, sound sensor

DALI-2 Presence Detector Standard with

Multi Sensor DALI-2 Lighting - Temperature -

DALI-2 Push Button Interface 4 INPUT / 4 LED

DALI-2 Push Button Interface 4 INPUT

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







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Electrothermal valves module 4-8 channels Universal Fancoil Controller

.....

Climate

Control

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

00 00 00 000



Energy meter single or three phase

MID Certification

Power Supply KNX 640 mA Power Supply KNX 1280 mA 640mA - KNX Secure KNX IP Interface secure

Surveillance Module KNX

Line coupler KNX

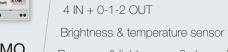
USB Module

Time / Astronomical Master

KNX Bridge - IP Interface and Power Supply + AUX 640mA KNX Bridge - Interface eLOCK Salto - Power Supply + AUX IP Router-KNX Secure Interface

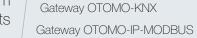
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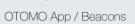














HOTELS

| 🛞 Bluetooth° | | | tooth | |
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| OTO | .vo. • | • | | DALI Module, 2 c |

Broadcast

h. x 8 ECG Guest Access

Presence & light sensor 2 channels

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.

