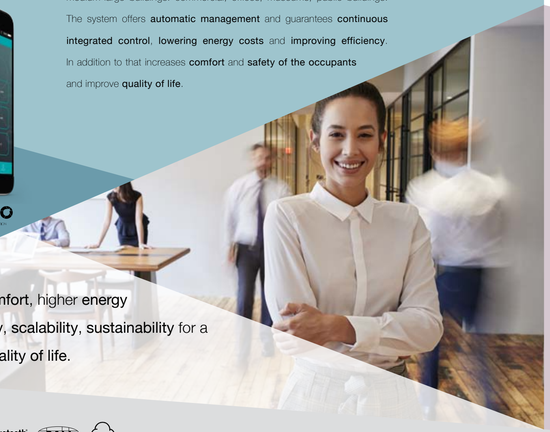
commercial building

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**.

OTOMO



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

KNX Bluetooth DALI

Inwall 3 inputs / 2 outputs module

F_Series DIN Rail Universal Modules Plus
[with & without SD card]

4 - 8 - 12 - 16 **inputs / outputs**
4 - 8 - 12 - 16 - 24 **outputs**
DIN module 16 **digital inputs**

K_Series DIN Rail Universal Modules
4 - 8 - 12 outputs

Actuators
[Inputs - Outputs]

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

Dimmers

Push Button Interfaces
2 - 4 - 6 Inputs / 4 - 2 outputs Led
Analog / Digital Module 8 IN / 4 Led OUT – 4 Thermostats

Push Button Interfaces

DALI Gateway
DALI Gateway Tunable White
DALI Gateway TW 2CH
DMX Gateway

Gateway KNX

Multi.Sensor Range Presence Detectors
Basic
Standard with lighting control
Multi.Sensor - lighting control, temperature, humidity, sound sensor
High Bay with lighting control
Space.Sensor with lighting control, temperature, humidity, sound sensor, occupancy and activity function
BLE.Sensor with lighting control, temperature, humidity, sound sensor, occupancy, activity function and BLE beacon
Wide Range with lighting control
Corridor with lighting control

Presence Detectors and multisensors

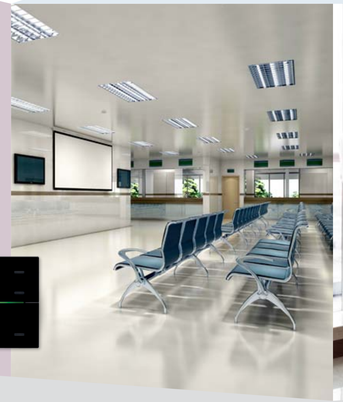
Plugin Sensor - CO_2 + temperature
Plugin Sensor - VOC + eCO_2 + temperature

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**.



Electrothermal valves module
4-8 channels
Fancoil Controller 0-10 V
Universal Fancoil Controller 0-10 V
Valves / Loads Actuator 8 inputs / 4+4 outputs
Motorised valve drive

Climate Control

Energy meter single or three phase
MID Certification

Energy Meters

hospitality

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

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

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

System Components & Interfaces

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

OTOMO System Components

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

e-Suite GRMS

residential

Automate the functions of a residential building to improve **comfort**, **safety** and **ease of use**; future-oriented also 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.

Doorpanel Transponder Reader
Transponder Holder
Transponder Card Encoder

Guest Access Control

controls and design buttons

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

Weather station

Weather Station

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

Touch Panels

Horizone & **Horizone mini**
supervision webserver for Building & Home Automation
Dashboarding Platform
Virtual Badge

Supervision

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 **Asia**, **Europe**, **Middle East**, distributes its systems in over 80 countries worldwide.

- Cooperation & early engagement
- Project and solution pre-sales assistance
- Multilanguage Tecnical 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

BOCCONI UNIVERSITY
Milan - Italy

HOTEL SOFITEL
Singapore City Center - Singapore

IRIS BLUE TOWER
Dubai - United Arab Emirates

DIESEL SPA HEADQUARTER
Breganze (VI) - Italy

CHARMING FOX SAMUI
Koh Samui - Thailand

TEMPLER VILLA
Kuala Lampur - Malaysia

ARPA HEADQUARTER
Ferrara - Italy

HOTEL CATALONIA FIRA
Barcelona - Spain

URBAN LIGHTING
Bellinzona - Switzerland

LS PLATOU CLARKSON OFFICES
Oslo - Norway

VAN DER VALK HOTEL HEERLEN
Heerlen - Netherlands

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) - Italia
Tel: +39 0331 500802
Email: info@eelectron.com
Web: www.eelectron.com

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building & home evolution

Building & Home evolution

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

Eelectron's product range addresses **commercial building, healthcare, hospitality**, and **home evolution** sectors.

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