



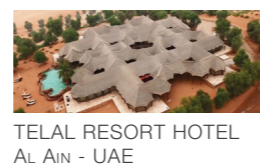
For more than 25 years Eelectron is, in the national scene, a role model of technological leadership in the application of the KNX international protocol for building& home automation.

Eelectron, with its branch offices in **Middle East, China and Spain**, distributes its systems in over 90 countries worldwide.

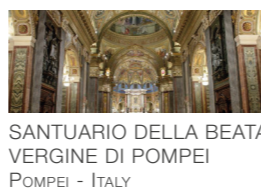
- Cooperation & early engagement
- Project and solution pre-sales assistance
- Multilanguage Technical Support
- Post sales extensions and upgrades
- Virtual and on site trainings, documentation, ...



MERCURE TIMISOARA HOTEL
TIMISOARA - ROMANIA



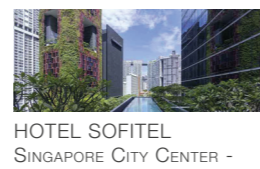
TELAL RESORT HOTEL AL AIN - UAE



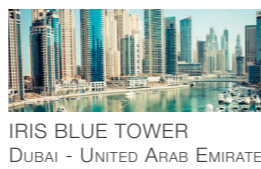
SANTUARIO DELLA BEATA VERGINE DI POMPEI
POMPEI - ITALY



BOCCONI UNIVERSITY MILAN - ITALY



HOTEL SOFITEL SINGAPORE CITY CENTER - SINGAPORE



IRIS BLUE TOWER DUBAI - UNITED ARAB EMIRATES



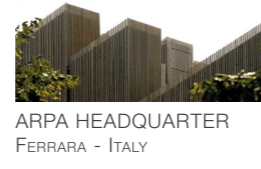
DIESEL SPA HEADQUARTER BREGANZE (VI) - ITALY



CHARMING FOX SAMUI KOH SAMUI - THAILAND



TEMPLER VILLA KUALA LAMPUR - MALAYSIA



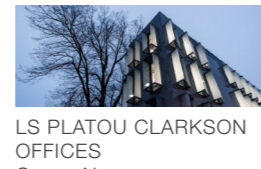
ARPA HEADQUARTER FERRARA - ITALY



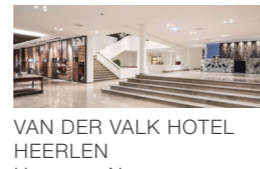
HOTEL CATALONIA FIRA BARCELONA - SPAIN



URBAN LIGHTING BELLINZONA - SWITZERLAND



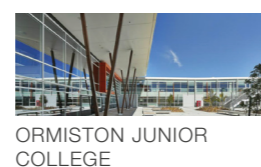
LS PLATOU CLARKSON OFFICES OSLO - NORWAY



VAN DER VALK HOTEL HEERLEN HEERLEN - NETHERLANDS



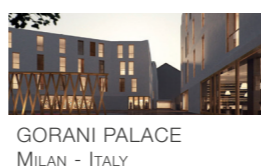
INDOOR STADIUM TALLIN - ESTONIA



ORMISTON JUNIOR COLLEGE AUCKLAND - NEW ZEALAND



SOFIA HOTEL BALKAN SOFIA - BULGARIA



GORANI PALACE MILAN - ITALY



building & home evolution



Building & Home evolution

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

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 of comprehensive **aesthetic design** and engagement in developing highly innovative devices combines with KNX interoperability and compliance with the most stringent international quality standards.

Eelectron's experience is at the user's service for demanding clients that require training activities, assistance on products and continuous development that focuses on emerging needs and applications, **energy saving** and achievement of simple and **efficient solutions** for the **benefit of occupants and managers**.

Today Eelectron is leading the market by following his roots and 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.

continuous modernization



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



empowering user experience



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

commercial building

Electron 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.



Inwall module 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**
DIN module 4 - 8 - 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**

Module 8 OUT 20A - 230 V AC with current sensors
Module 8 OUT 20A - 230 V AC

Mechanical manual override

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
2 - 4 - 6 inputs / 4 - 2 outputs Led

Actuators [Inputs - Outputs]



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**.



DALI-2 Presence Detector Standard with lighting control

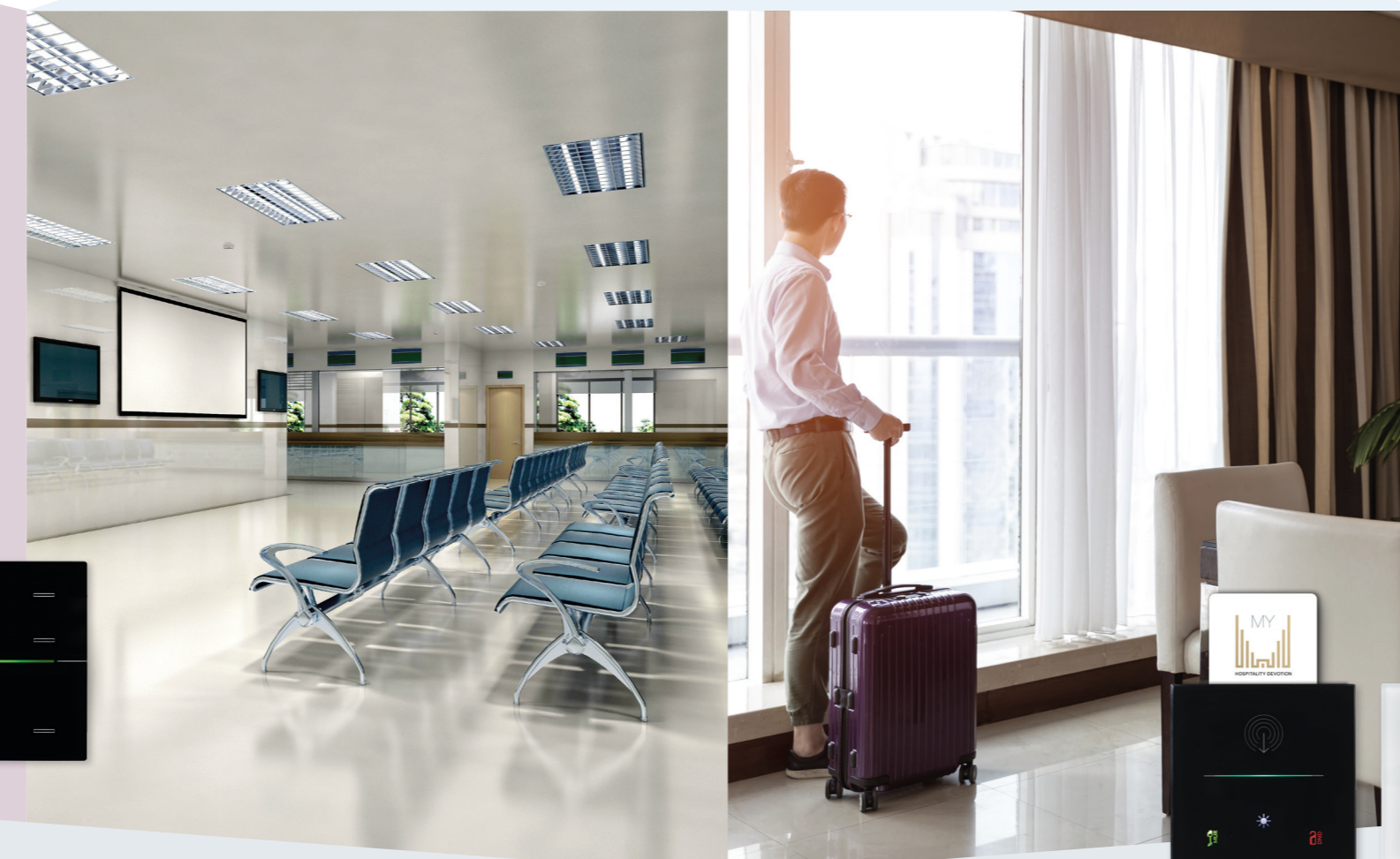
Multi Sensor DALI-2 Lighting - Temperature - Humidity

DALI-2 Push Button Interface 4 INPUT
DALI-2 Push Button Interface 4 INPUT / 4 LED

DALI Gateway
Tunable White 1CH
DALI Gateway Tunable White 2CH

DALI Gateway multi master application controller MQTT
Gateway DMX

Presence Detectors and multisensors



MULTI.SENSOR RANGE PRESENCE DETECTORS

Basic Standard with lighting control

Multi.Sensor with 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

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

KNX Presence detector **Standard BLE**
KNX Presence detector **Space BLE**
Plug-in **Wireless Door Lock** System Interface

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

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



System Components & Interfaces

Surveillance Module KNX
Power Supply 640 mA
Power Supply KNX 1280 mA

KNX Bridge - IP Interface and Power Supply + AUX 640mA

KNX IP Interface secure
IP Router-KNX Secure Interface
Line coupler KNX
USB Module
Time/astronomical Master

OTOMO System Components

Bluetooth

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

GRMS e-Suite Platform Services

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

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.

controls and design buttons

Door panel
Transponder Reader
Transponder Holder
Transponder Card Encoder
Numeric Keypad
Outdoor Transponder Reader
Outdoor Numeric Keypad
Accessory for outdoor mounting
Plug-in **Wireless Door Lock** System Interface

Guest Access Control

Weather Station
Weather station

Supervision

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

Capacitive Touch Panels 4.3", 7", 10.1" Black / White Glass / Plastic

KNX Touch Panels