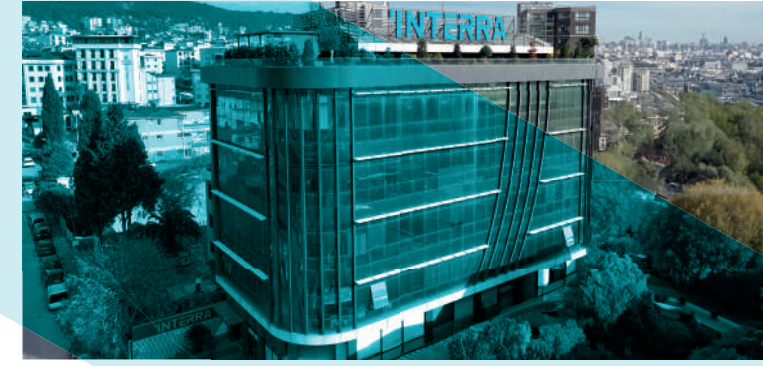


# 5000+ Smart Building Solutions by INTERRA



Cumhuriyet Mh, Kartal Cd. No:95 ZIP Code: 34876  
 Interra R&D Center- Kartal / Istanbul - Türkiye  
 T: +90 216 326 26 40  
 F: +90 216 324 25 03  
 E: info@interra.com.tr  
 interratechnology.com

Headquarter  
 Production Facility  
 R&D Center  
 Test Laboratory



100%  
 In-House  
 SMD Line  
 Assembling  
 Production

High  
 Technology  
 R&D Center



Certified KNX  
 Test  
 Laboratory

Interra KNX  
 Product Catalogue  
 Scan for pdf version.

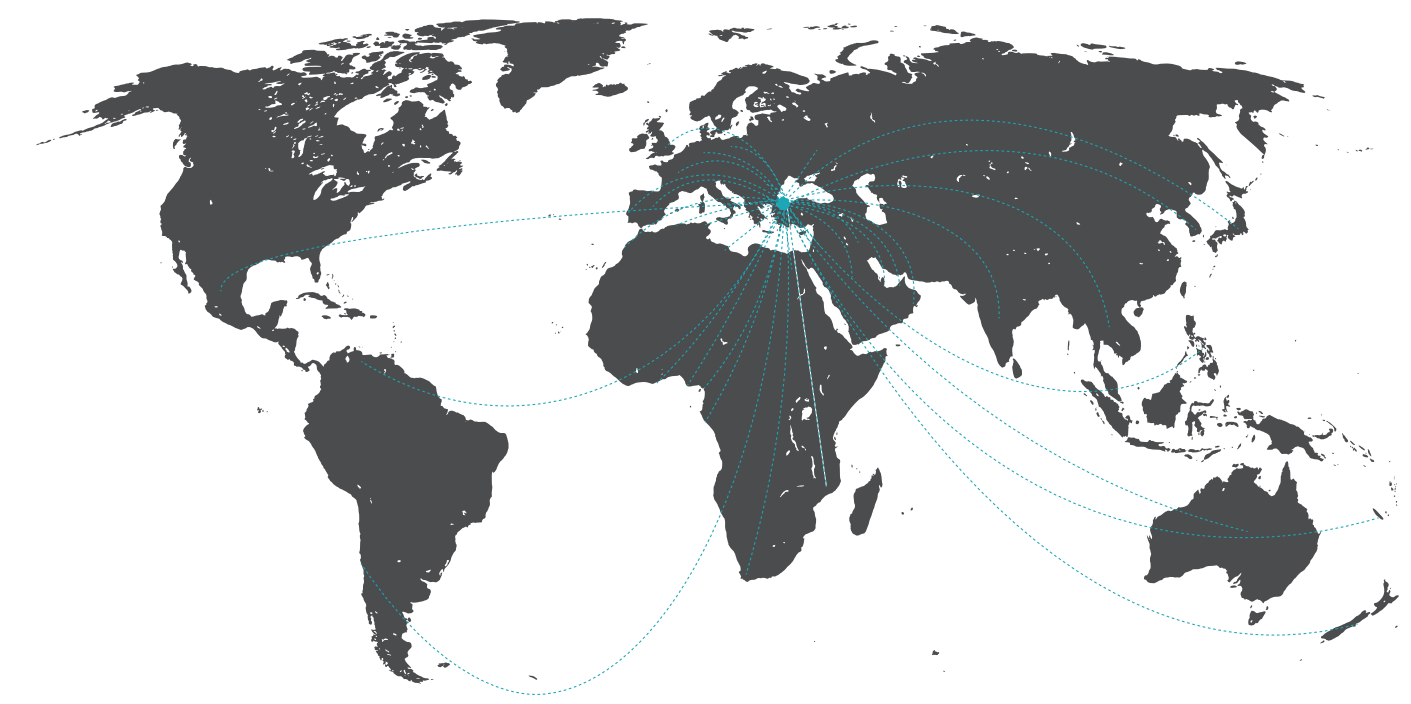
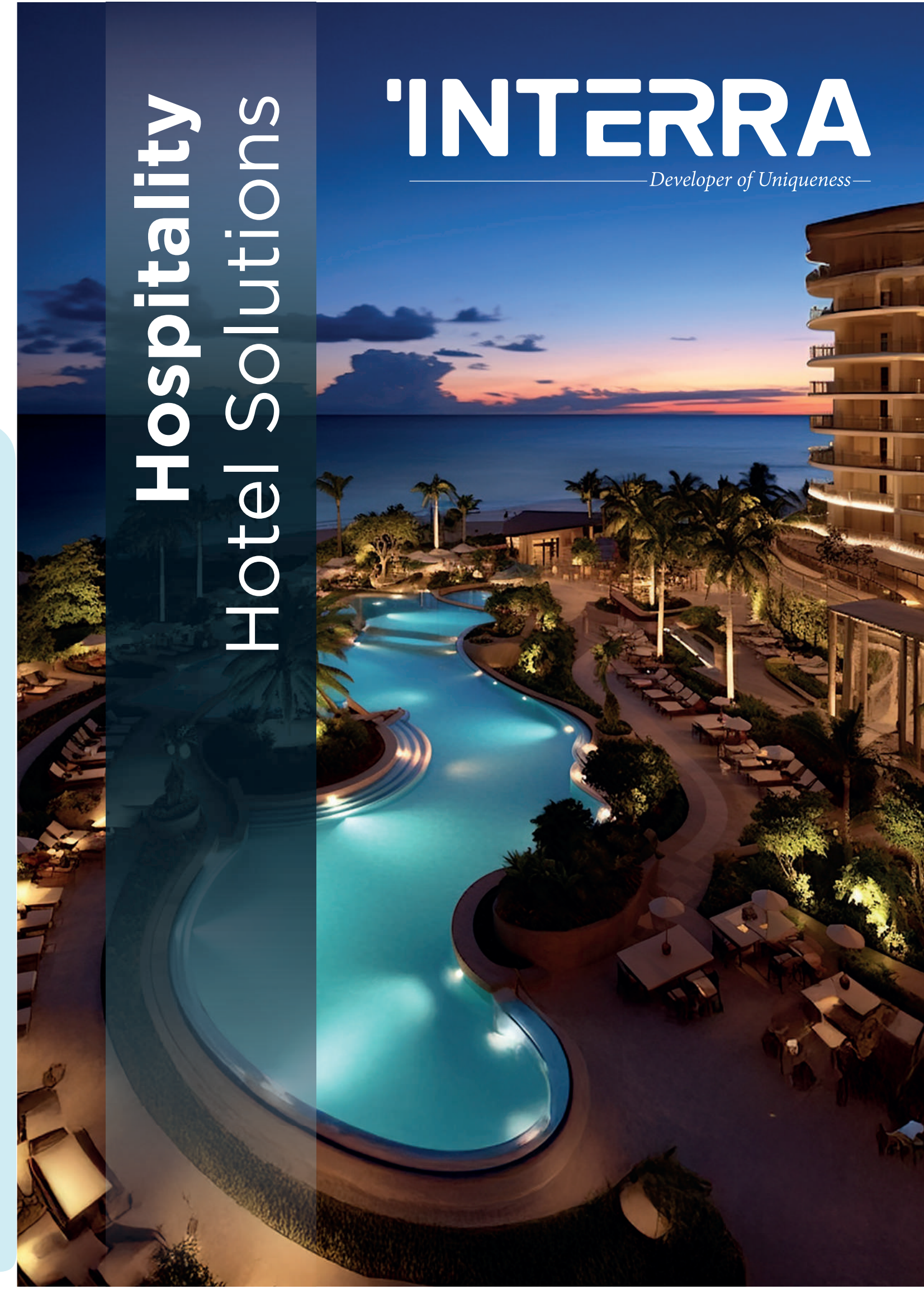
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## Hospitality Hotel Solutions

# INTERRA

Developer of Uniqueness

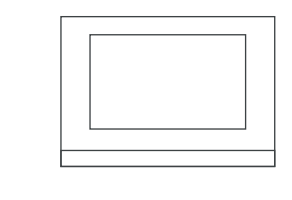


Export to More than 100 Countries  
 Distributor and System Integrator Network Worldwide  
 17 YEARS OF R&D EXPERIENCE

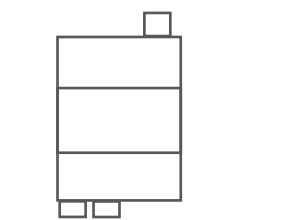
150+  
 Employee

23%  
 Yearly R&D  
 Investment

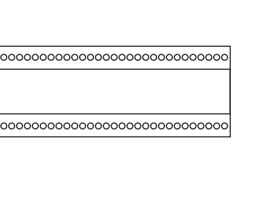
500+  
 Product  
 Range



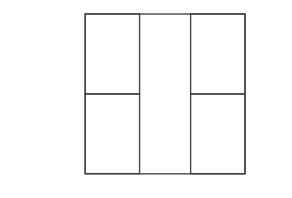
300.000+  
 Touch Panel  
 in the field



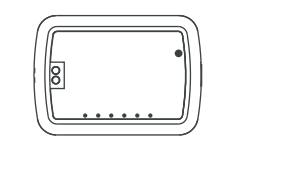
20.000+  
 KNX/DALI Gateway  
 in the field



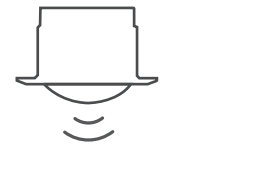
400.000+  
 Combo+ Actuator  
 in the field



500.000+  
 Smart Switch  
 in the field

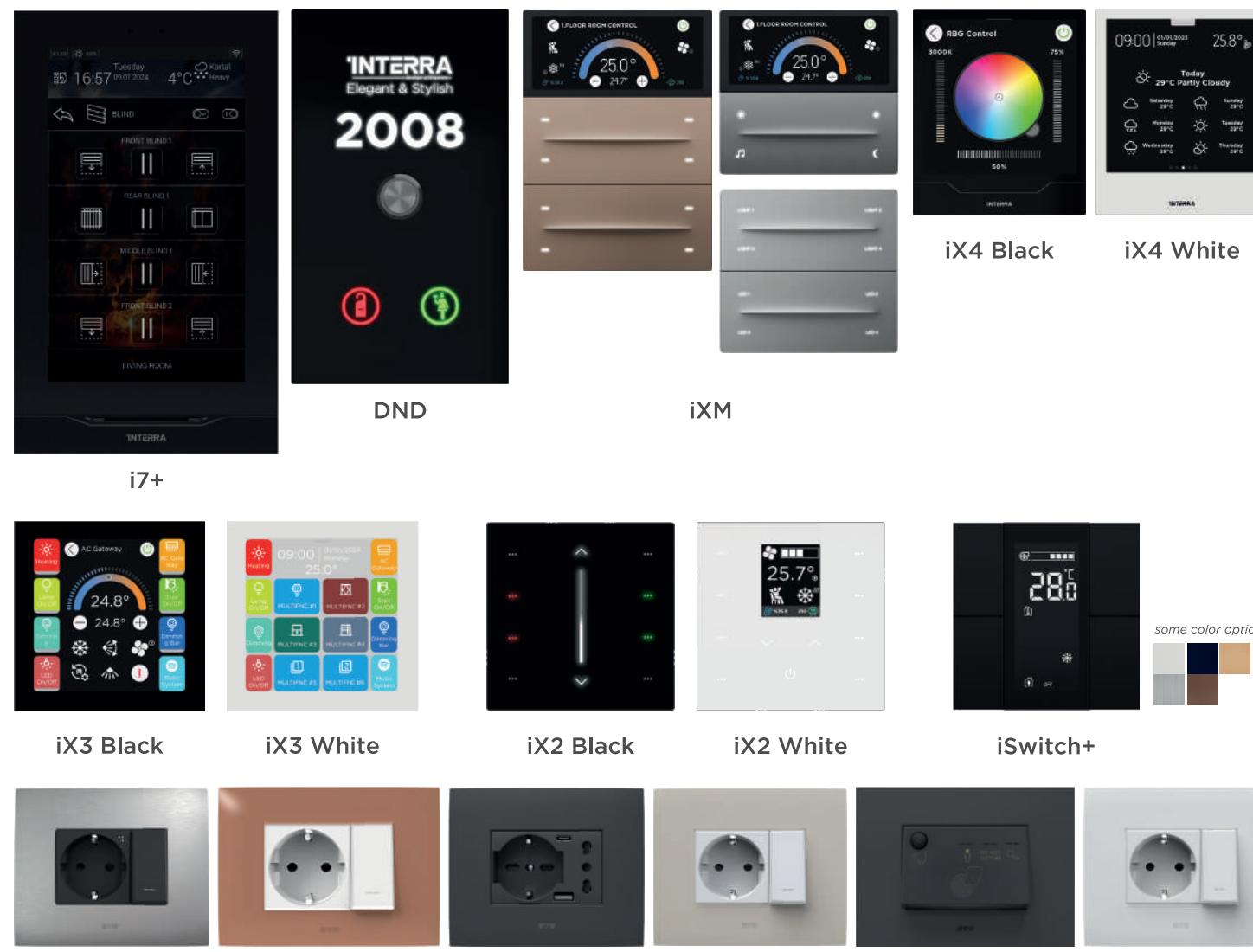


50.000+  
 KNX/AC Gateway  
 in the field



200.000+  
 KNX Sensor  
 in the field

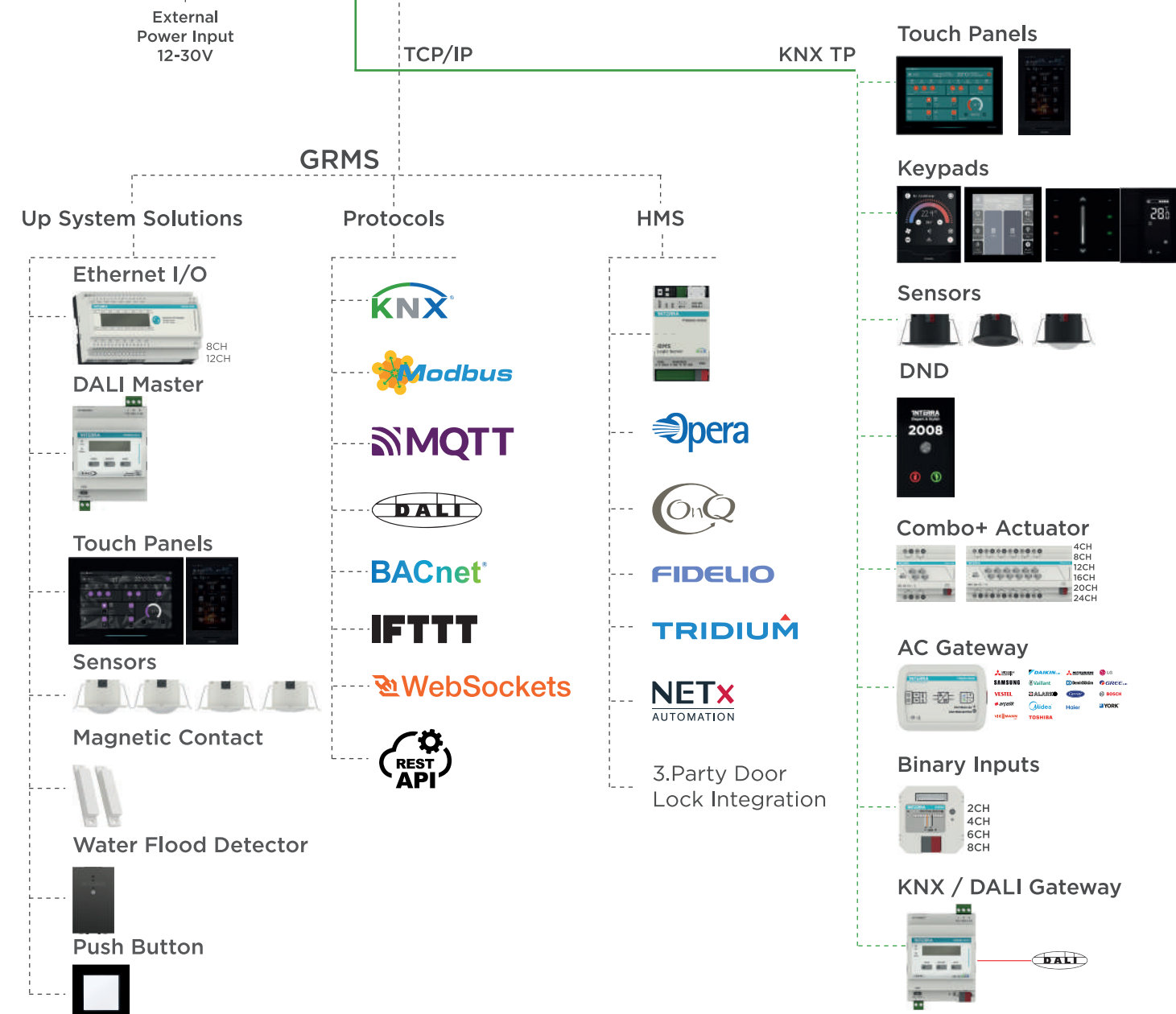
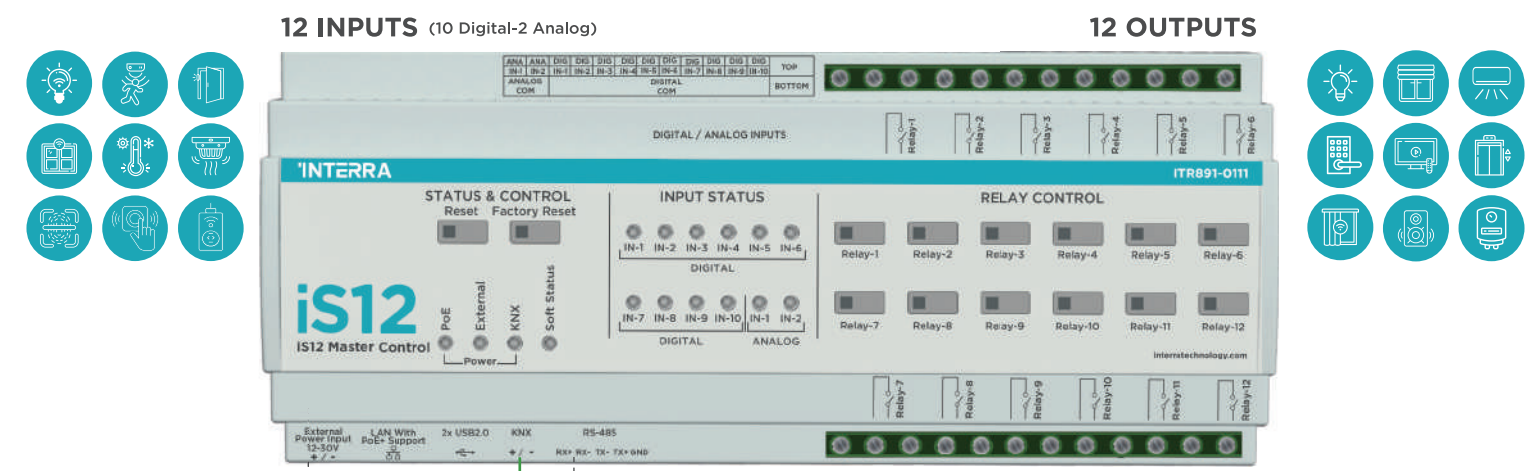
# Interra GRMS and Smart Hotel Solutions



- Guest Experience and Comfort
  - Operational Efficiency
  - Energy Savings
  - Safety and Security
- Lighting
  - RGB LEDs
  - Shutter / Blinds
  - Air Conditioning
  - Access Control
  - Do Not Disturb
  - Third Party Integrations

## iS12 Master Control

Intelligent and Infinite Control: Redefining Building Automation



## Occupation/Detection Sensor Series

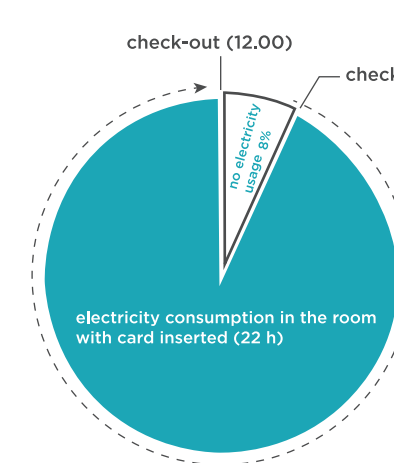
Interra KNX motion and presence sensors allow you to create maximum value in your indoor lighting projects with its powerful detection performance and its slim and stylish design.

- Presence & Absence Scenario
- Thermostat Function
- Inputs&Logic Function
- Virtual Card Holder
- GRMS Communication
- Daylight Sensing



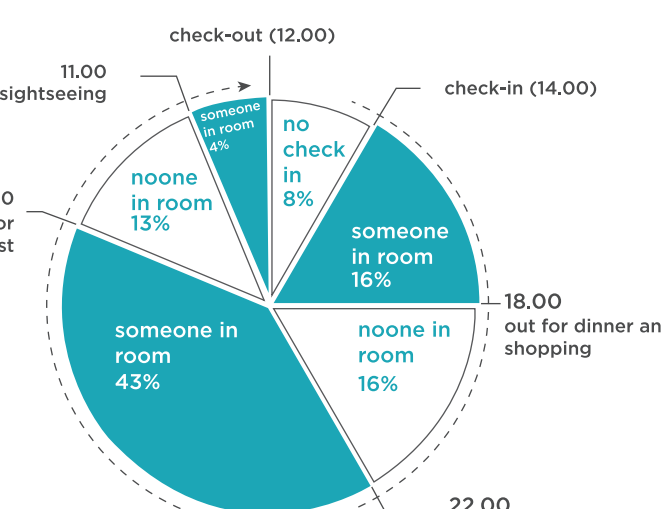
## Energy Saving Solution

Traditional key card holder switch



With INTERRA Presence Sensor stay sustainable and energy efficient!  
**31.8% energy saving!**

Presence sensor virtual card holder



Min. 7 h energy saving with presence sensor compare to traditional card → 31.8%

## Maximizing Your Hotel Experience with INTERRA GRMS

INTERRA's cutting-edge technology solution for Hotel GRMS, redefining the hotel experience by seamlessly integrating technology to maximize efficiency, comfort, and security.

Maintenance Management	Energy Efficiency	Improved Reporting Management	Timely and Effective Control	Performance Benchmarking
Enhanced Security	Convenience of Hotel Automation	Customization	Increased Guest Comfort	Integration with Other Smart Devices

## iBMS: the multi-functional integration hub

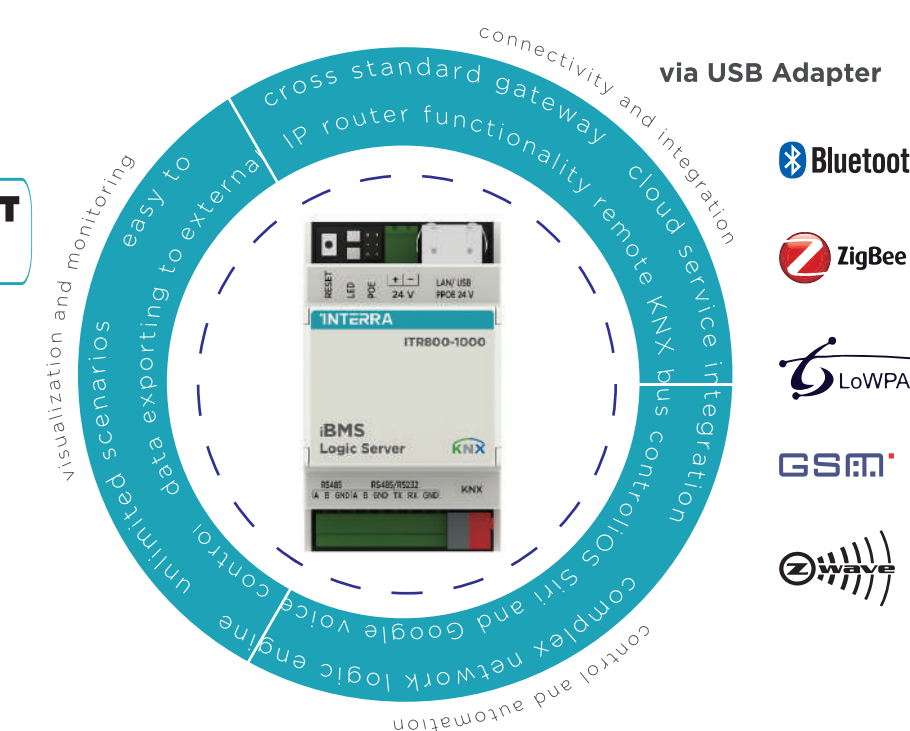
Supported Integrations

Direct Protocol Communication  
 KNX, BACnet, Modbus, IFTTT, MQTT, WebSockets

Direct BMS Integration  
 NETX, TRIDIUM, BECKHOFF

3rd Party Integrations

Hotel Software: FIDELIO, Opera, COO  
 Door Connections: ASSA ABLOY, SALTO, dormakaba



## Room Control by KNX

**i7+**

- Mobile Control
- Concierge Services
- Control Everything
- Intercom Services

**iSwitch+**

- Easy Mounting Style
- Homogenic RGBW LEDs
- Advanced LCD Functions
- Digital & Analog Inputs

**iX4**

- Password Lock
- Adjustable Clock
- Shutter Control
- Timer Scenarios

**iX3**

- 2 x Analog Input
- 2 x Digital Input
- Full Control on Lighting
- Special Thermostat Page

**Wiring Accessories**

- 4450905 2P+E 16A German St.Socket Tekla 2M
- 44502LV Light Toggle Tekla 2W Switch 1P 1M
- 445017 1P NO+NC 10A Cord Op.Pus.B.Tekla 1M
- 445027C6 RJ45 Socket CAT.6 UTP Tekla 1M
- 445082USBAC USB Charger TYPE A-C 3A Tekla 1M

**KNX Multi Sensors**

**KNX Mid-Range Multi Presence Sensor**

**KNX Mid-Range+ Multi Presence Sensor**

**KNX Wide-Range Multi Presence Sensor**

**KNX High-Bay Multi Motion Sensor**

**KNX High-Bay+ Multi Motion Sensor**

**Mounting Case**

**AC Gateway**

**Combo+ Actuator**

**Input Modules**

**Junction Box Mounted Type**

- Switching
- Value Operation
- Shutter / Blind Control
- Dimming
- Toggle Option
- 8 Channel Mode

**DIN Rail Type (with 2 Thermostat)**

- Switching
- Value Operation
- Shutter / Blind Control
- Logic Blocks
- Dimming & 2 Channel Mode
- Thermostat Control

**KNX Binary/Analog Input Module with 6 Thermostat**

- Switching
- Value Operation
- Shutter / Blind Control
- Logic Blocks
- Dimming & 2 Channel Mode
- Thermostat Control

## iS12 Master Control

**Node-based dynamic drag-and-drop editor**

**Controlled by Inputs**

- Motion Sensor
- Door Sensor
- Window Sensor
- Temperature Sensor
- Light Sensor
- Smoke Sensor
- Biometric Scanner Sensor

**Controlled by Outputs**

- Lighting Control
- Blinds Control
- HVAC Control
- Curtain Control
- Door / Locks Control
- Smart TV Control
- Speakers Control
- Combi Systems Control
- Elevator Control

**iS12 Master Control Features**

- 12 Inputs / Outputs
- Direct communication with 3-party IP base smart devices
- It can communicate with KNX devices.
- KNX, Modbus, MQTT, DALI, BACnet, IFTT, WebSocket DOOR LOCK, Reset API, EIO
- Dynamic interface control
- Communicate directly with BMS
- Cloud secure mobile control
- Physical visualization and control
- Logic base programming

**Node Based Dynamic Logic Server**

**Drag & Drop Editor**

- Event Based Programming
- Node Based Logic Editor
- Functional Programming Support
- Support TCP / IP base automation protocols

## Room Control by EIO

**i7+**

- Mobile Control
- Concierge Services
- Control Everything
- Intercom Services

**DND**

- 21-30 V DC
- Suitable Surface Mounting
- Touch Ring Button Option

**Wiring Accessories**

**Ethernet I/O**

- Versatile Control
- Smart Hotel Rooms
- Cost Efficiency

**ave by INTERRA**

## Common Area Control by DMX

**KNX - DMX Gateway Features**

- 3 working modes: DMX recorder mode, DMX dimming mode (EIB to DMX) and DMX to EIB conversion mode (1 bit, 1 byte data point)
- Supported communication signal: DMX512-1990, ArtNet DMX
- Save and playback up to 24 programs, maximum recording time: 4 hours

## GRMS

**Scenarios**

- Check-in
- Check-out
- Housekeeping
- Occupied
- Vacant
- Comfort
- Emergency

**Hotel Common Areas**

- Restaurant
- Conference Room
- Fitness Center
- Reception
- Ballroom

**Common Area Control by DALI**

**KNX / DALI Gateway Features**

- Control Options
- Quick Commissioning
- Manual Control
- Fault Checking
- Integrated DALI PSU
- Remote Update

**Interra DALI-2 Motion Sensor Detection Ranges**

- DALI-2 High-Bay Motion sensor
- DALI-2 High-Bay+ Motion sensor

**Interra DALI-2 Presence Sensor Detection Ranges**

- DALI-2 Mid-Range Presence sensor
- DALI-2 Wide-Range Presence sensor