# SMART HOTEL SOLUTIONS

interratechnology.com

**INTERRA Intelligent Sensor Technologies in New Generation Hotels**

'INTERRA

CERTIFIED R&D CENTER OF AUTOMATION

*Developer of Uniqueness*

**28** **INTERRA Offices in Countries**

**75** **Distributor and System Integrator Network in Countries**

**127** **Export to Countries**

| | | | | |
|---|---|---|---|---|
| Afghanistan | Cuba | Israel | Netherlands | Sweden |
| Albania | Cyprus Republic | Italy | New Zeland | Switzerland |
| Algeria | Czech Republic | Ivory Coast | Nigeria | Syria |
| Andorra | Denmark | Jamaica | North Korea | T.R.N.C. |
| Angola | Dominican R. | Japan | Norway | Taiwan |
| Argentina | Ecuador | Jordan | Oman | Tajikistan |
| Armenia | Egypt | Kazakhistan | Pakistan | Thailand |
| Australia | El Salvador | Kenya | Palestine | Tunusia |
| Austria | Estonia | Kirghizistan | Paraguay | Turkey |
| Azerbaijan | Ethiopia | Kosovo | Peru | Turkmenistan |
| Bahrain | Finland | Kuwait | Philippines | U.A.E. |
| Bangladesh | France | Latvia | Poland | Ukraine |
| Belarus | Georgia | Lebanon | Portugal | United Kingdom |
| Belgium | Germany | Libya | Qatar | Uruguay |
| Bolivia | Ghana | Lithuania | Romania | USA |
| Bosnia and H. | Greece | Luxembourg | Russia | Uzbekistan |
| Brasil | Guatemala | Macedonia | Saudi Arabia | Venezuela |
| Bulgaria | Guinea | Malaysia | Senegal | Vietnamase |
| Burkina Faso | Haiti | Malta | Serbia | |
| Cambodia | Honduras | Mexico | Singapore | |
| Cameruoon | Hungary | Moldovia | Slovakia | |
| Canada | Iceland | Mongolia | Slovenia | |
| Chile | India | Montenegro | South Africa | |
| China | Indonesia | Morocco | South Korea | |
| Colombia | Iran | Mozambique | South Sudan | |
| Costa Rica | Iraq | Myanmar | Spain | |
| Croatia | Ireland | Nepal | Sudan | |

**'INTERRA**

# New Generation Hotels Meet **INTERRA's Smart Building Technologies...**

'INTERRA

**COMFORT**
**AESTHETIC**
**SMART**
**TECHNOLOGICAL**
**ENERGY-SAVING**

# What is Smart Hotel Solutions?

**Interra smart hotel control system is designed to provide a better service for every guest in the hotel.**

With occupancy-based energy management and intuitive guest-faced technology, operators can reduce hotel energy consumption, increase operational efficiency and provide guests with the comfort, control and convenience they expect.

**Through mobile applications, guests can book a room, choose a room, etc. and they can also control door locks, lights and other things.**

# Purpose of Smart Hotel Solutions?

From critical operations to hotel management, Interra Smart Hospitality Solutions covers all the basics to improve digital customer engagement and reduce operational loads and concentrate hotel staff on providing better service to guests.

These solutions promote business growth by enhancing the guest experience, increasing operational excellence and Safety / Security.

# BEST INTERRA SMART SOLUTIONS FOR NEW GENERATION HOTELS

INTERRA prioritizes energy efficiency and quality service approach along with comfort in its Hotel solutions.

Our main goals are to make your residents feel that they are in a special place and also to offer technology and ease of use together in our room solutions.

All room automation system control by residents is handled innovatively by Interra.

The requests can be applied instantly via both mobile devices and next-generation touch panels in the room. The fact that the room manages itself to ensure economy and comfort is the basic feature of the system.

For this, software, hardware and central (Hotel room management software - IS Server) applications in Interra are preferred by many world brands.
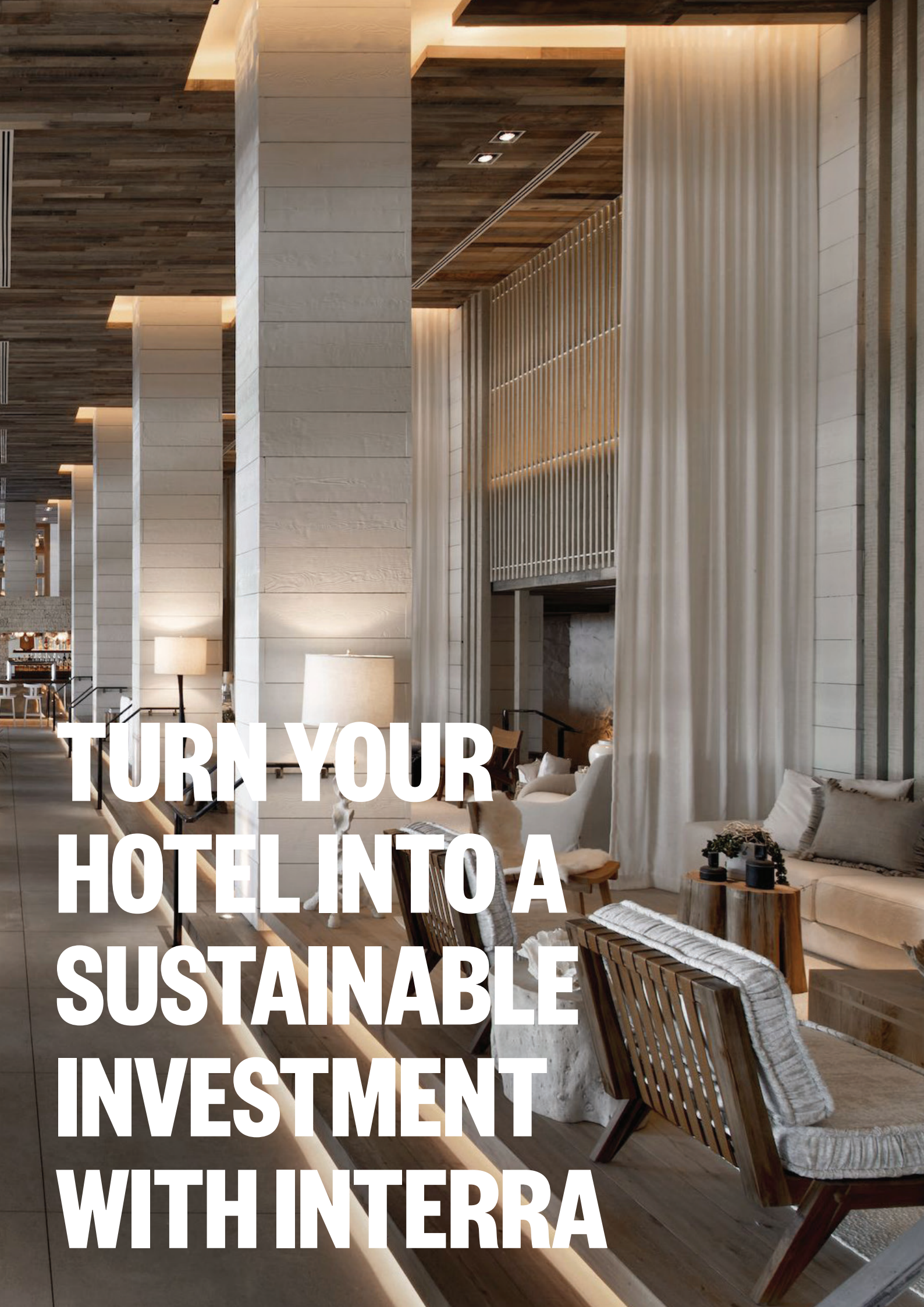
# TURN YOUR HOTEL INTO A SUSTAINABLE INVESTMENT WITH INTERRA

# Hotel Scenarios

## Correctly Designed Room Scenarios for Maximum Energy Saving and High Comfort

Welcome Scenarios

Check-in

Check-out

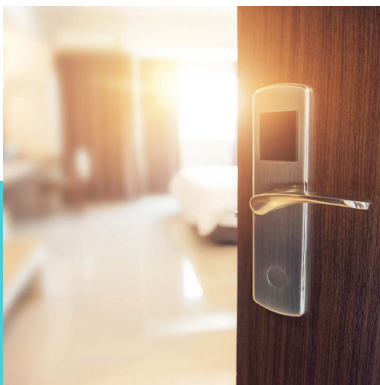Air Conditioning Scenarios

Sub Comfort Mode
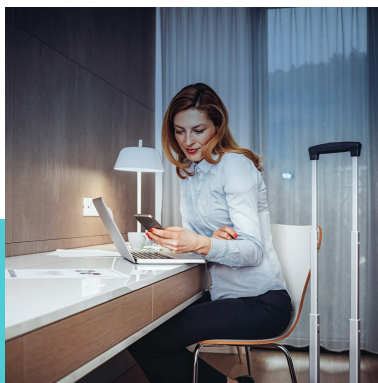
Economy
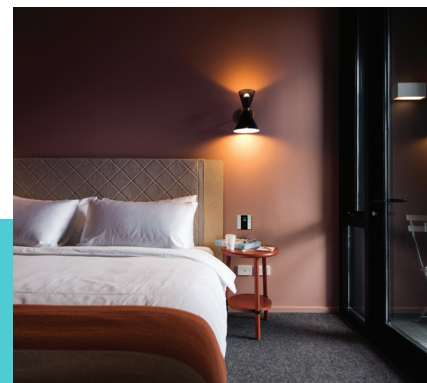
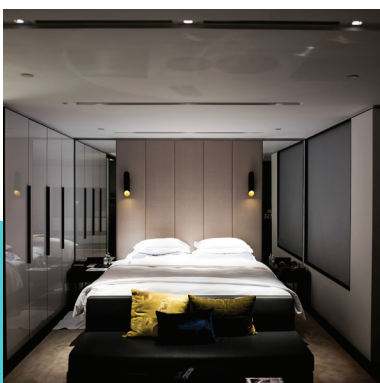# Welcome to the next generation of smart hotels
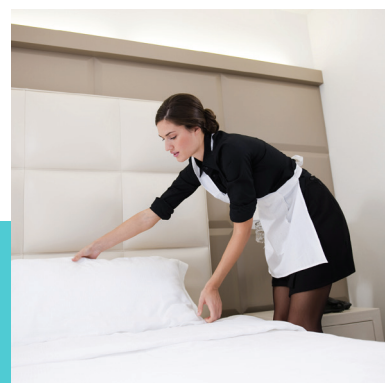
## Custom Mode

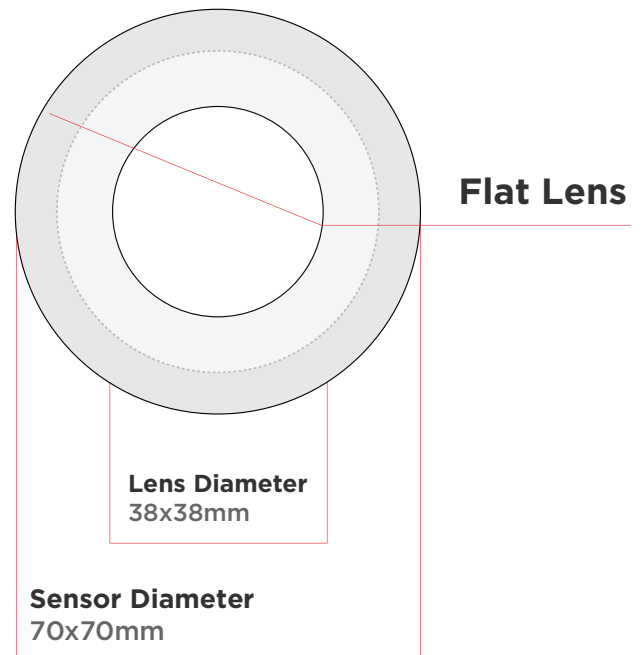## Restaurant Reservation

## Frost Protection

## Sleep/Night Modes

## Comfort Mode

## Housekeeping

# NEW HOTELS OF THE FUTURE MEET WITH

## INTERRA PRESENCE SENSOR TECHNOLOGY

**DALI**

**KNX®**

**Flat Lens**

**Lens Diameter**
38x38mm

**Sensor Diameter**
70x70mm

## Sensors

Mid Range    :H:3m W:12m
Mid Range+  :H:3m W:16m
Wide Range :H:3m W:24m
High Bay     :H:12m W:22m
High Bay+   :H:12m W:40m

## Energy Saver

Card Holder

• GRMS Communication
• Check-in / Check-out
• Welcome Scenario
• Good Bye Scenario
• Stand By Scenario

## Thermostat

External Temperature Sensor
Internal Temperature Sensor
Astronomical Clock

## Inputs

2 x Digital Input
1 x Analog Input (NTC)
3 x Presence Channel
1 x Brightness Detection
5 x Logic Function CH
DRY contact inputs

# KNX/DALI/Conventional Sensors

### Mid-Range
### Presence Sensor

3m

12m

### Mid-Range+(Plus)
### Presence Sensor

3m

16m
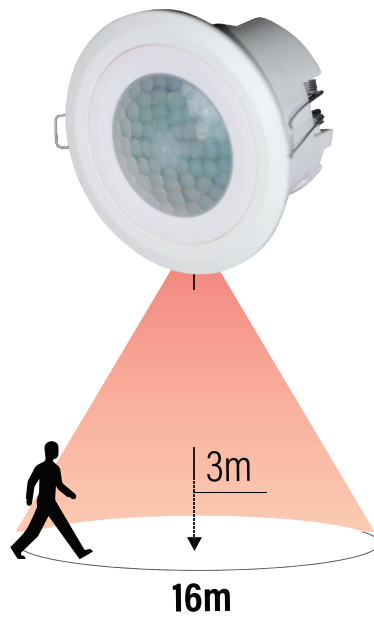
### Wide-Range
### Presence Sensor

3m

24m

### High Bay
### Presence Sensor

12m

22m

### High Bay+(Plus)
### Presence Sensor

12m

40m

# Hotel Solutions

## Presence Sensors / GRMS Working Principle



| Arrivals 15 | | | | Tuesday, March |
|---|---|---|---|---|
| 201 | Mr. A Seperstein, John | 4 Nights | SR | |
| | 1 | | 21 Mar | 25 Mar |
| 103 | Mr. Abardonado, Jacques | 5 Nights | SR | Boysenberry Ltd. |
| | 1 | | 21 Mar | 26 Mar |
| 414 | Mr. Anderson, Neo | 3 Nights | DR | |
| | 2 | | 21 Mar | 24 Mar |
| 110 | Mr. Anfang, Jose | 4 Nights | DR | Boysenberry Ltd. |
| | 1 | | 21 Mar | 25 Mar |
| 300 | HERR Bachmann, Reinhard | 3 Nights | SR | Persimmon Ltd. |
| | 1 | | 21 Mar | 24 Mar |

**Outdoor DND/MUR**

**203**

**INTERRA**
## GRMS

**Indoor DND/MUR**

**Prensence Sensors**

## Stand By → Booked → Check -in → Economy - Comfort ←
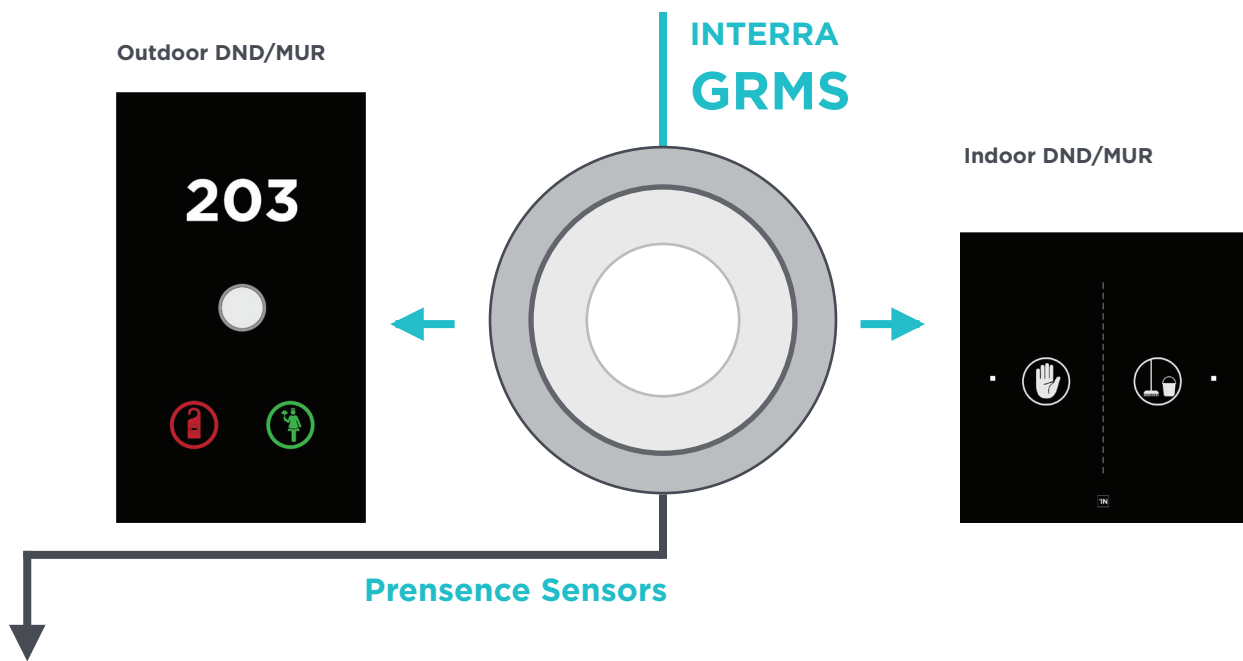
| Stand By | Booked | Check -in | Economy - Comfort |
|---|---|---|---|
| Off | Off | On | On |
| Off | 15º -18º 25º -28º | 15º -18º 25º -28º | 21º -24º |

**Stand By**
In non booked status, the room is in automatic stand by mode

**Booked**
After the reservation is made, the room temperature automatically (summer mode & winter mode) comes to the set temperature

**Check -in**
When you check-in to the room, the welcome scenario programmed by the presence sensor is automatically activated.

**Economy - Comfort**
After entering the Welcome - Comfort mode, the air-conditioning is automatically adjusted to the set degree and the lights are turned on.
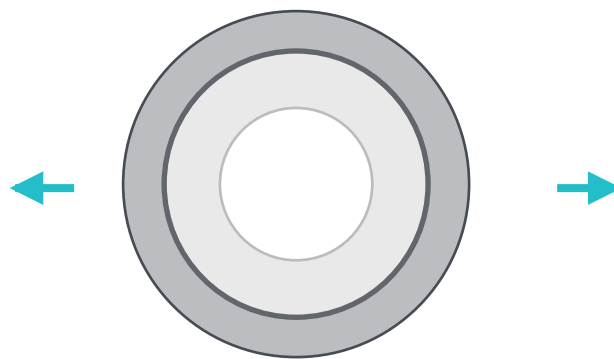
# Hotel Solutions

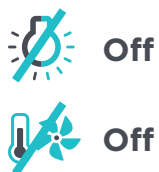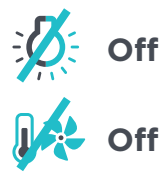**Presence Sensors / GRMS Working Principle**

**Outdoor DND/MUR**

## 203
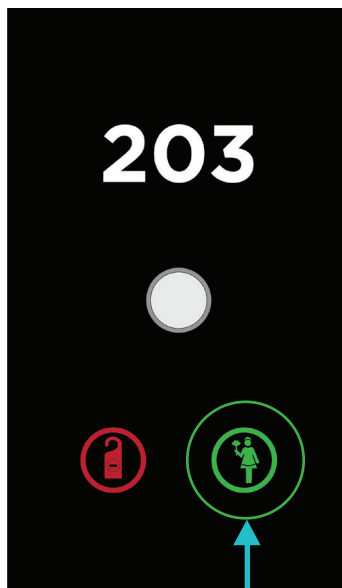
**INTERRA**

**GRMS**

**Prensence Sensors**

**Check- Out** → **Non Booked** → **Stand By / Housekeeping**

| | Off | | Off | | Off |
| | Off | | Off | | Off |

When you check-out from the room, if the sensor does not detect presence for 15 minutes, it activates the automatic check-out scenario. Lights and air conditioners are turned off.

After checking out from the hotel, the room automatically switches to Standby mode and informs Housekeeping.

# Room Solutions

## Virtual Card Holder

Interra Presence sensors can be used as a virtual card-holder/energy saver to provide smart solutions and high comfort in hotel room solutions while reducing energy costs considerably.

RECEPTION

INTERRA GRMS

IP ROUTER

TCP / IP NETWORK

220V

2756

KNX

KNX

KNX

Magnetic contact

DRY Contact

DRY Contact

# Multi Room Solutions



**INTERRA GRMS**

TCP / IP NETWORK

IP ROUTER

2756

220V

Magnetic contact

DRY Contact

DRY Contact

KNX
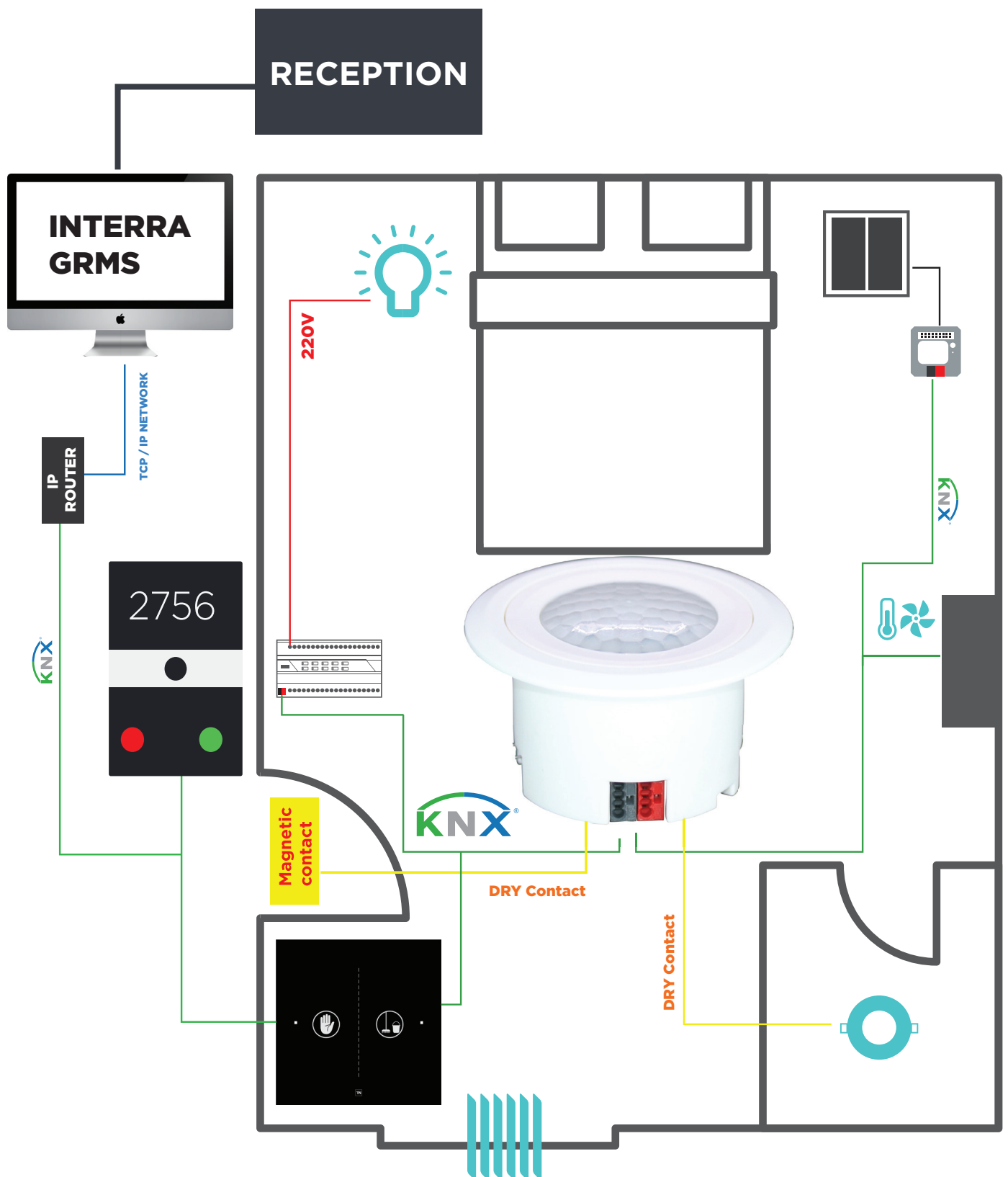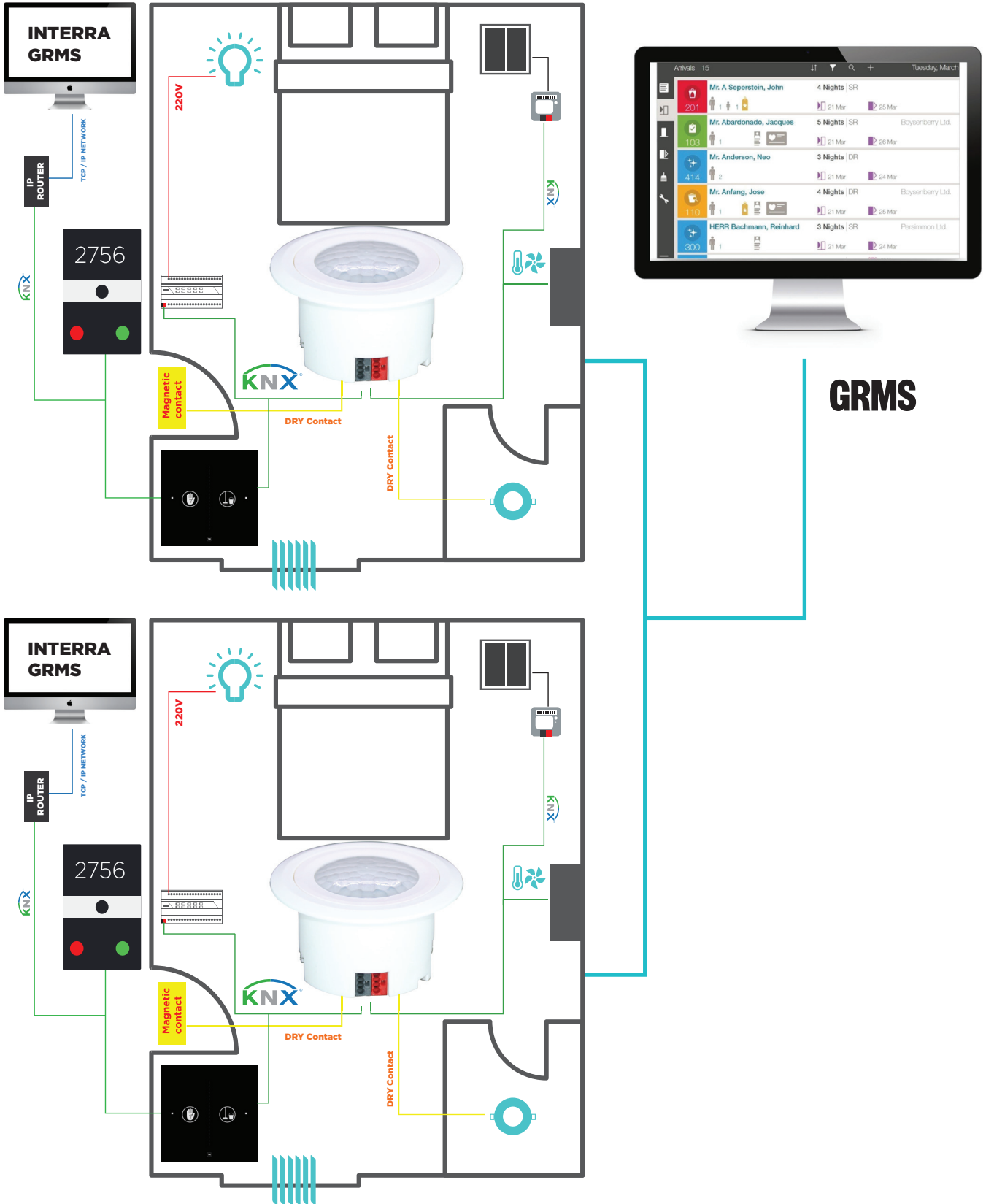
GRMS

# KNX / DALI / Conventional
# Presence Sensors

- **GRMS Communication**
- **3 Stage Lighting Sensor**
- **With its Logic Feature, can provide different combinations**
- **External and Internal Temperature Sensor**
- **External Analog Input (NTC)**
- **Keeps all values in memory in memory for up to 24 hours with the Astronomical Clock Feature**
- **Makes Conventional Sensors, KNX compatible thanks to DRY contact inputs**
- **Timed scenarios**
  - **Check-in / Check Out**
  - **Welcome Scenario**
  - **Good Bye Scenario**
  - **Stand By Scenario**

**Interra GRMS**

Shutter/Blind

Conventional Sensor

DRY Contact

Air Conditioning

Magnetic Contact

Lighting

Lighting

Lighting
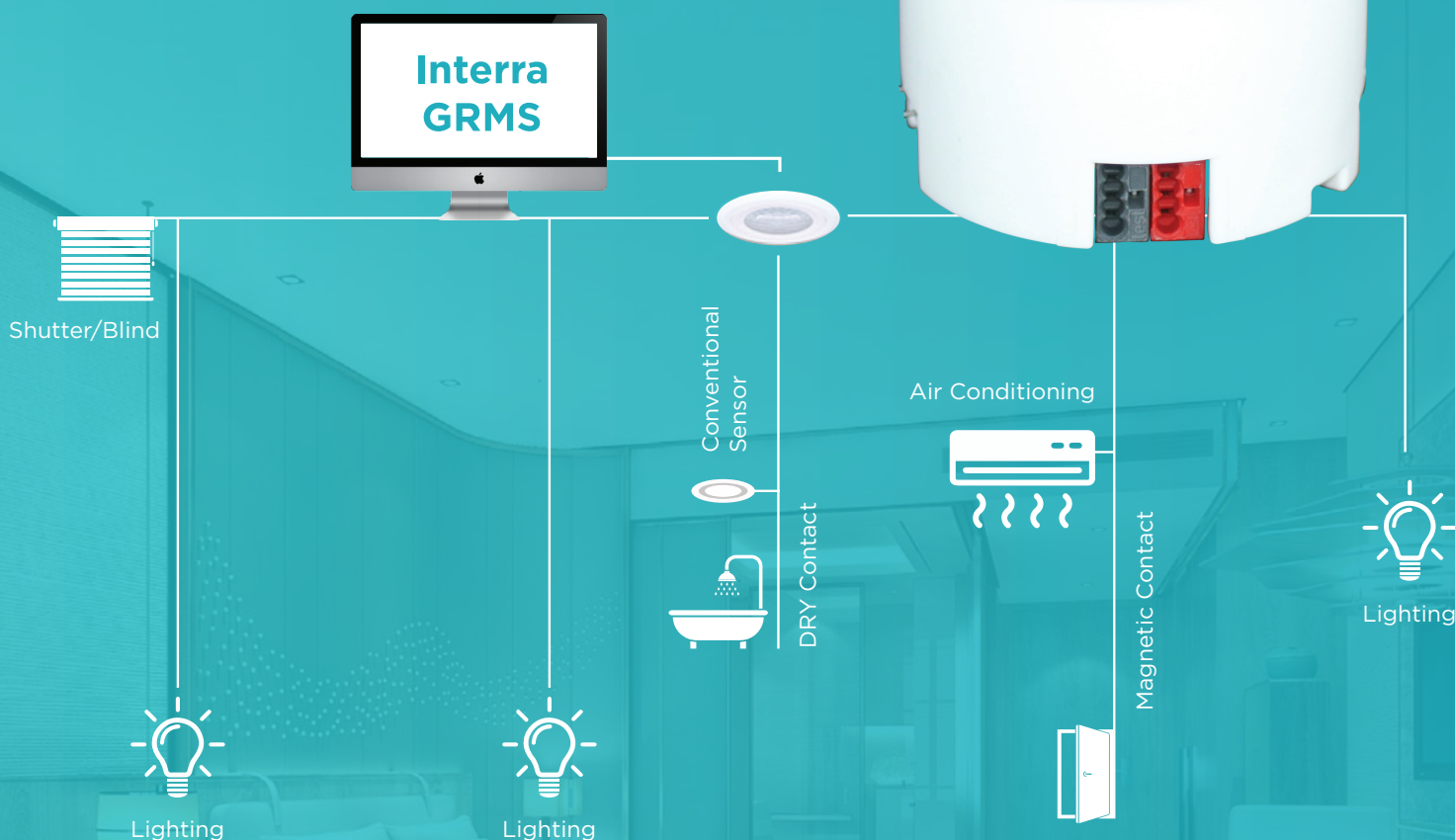
# UNLIMITED LOGIC AND SCENARIOS WITH INTERRA

- **Housekeeping**
- **Economy**
- **Custom modes**
- **Air conditioning scenarios**
- **Comfort mode**
- **Sub comfort mode**
- **Welcome scenarios**
- **Check-in**
- **Check-out**
- **Sleep/Night modes**
- **Frost protection**

You can allow many activities such as SPA, Taxi, cleaning, sports, concerts, meals etc. to reach the room guest. You can contribute to a unique experience and to the image of the facility by providing this in an interactive way.

The concierge/services are completely flexible and they have a structure that can be shaped according to the facility. All services of the facility and informational advertisements can be delivered to rooms and mobile devices via concierge service.

Mobile control, Interra Pro applications package is available to VIP users on all operating systems and platforms.

You can do all room controls with a single touch.

# SMART ROOM
# SCENARIOS

**The KNX room controller can regulate both the room temperature and ventilation, depending on the user's preference.**

**Individual welcome scenarios and various recallable room scenarios can also be  selected here –  whatever makes your guests feel most comfortable.**

Lighting

Blind / Shutters control

HVAC system

Audio / video integration

Visualization & control

Guest room management

Energy management

Load management

Security alarm

Integration with BMS

# INTERRA SOLUTIONS FIT YOUR DESIGN EXPECTATIONS PERFECTLY
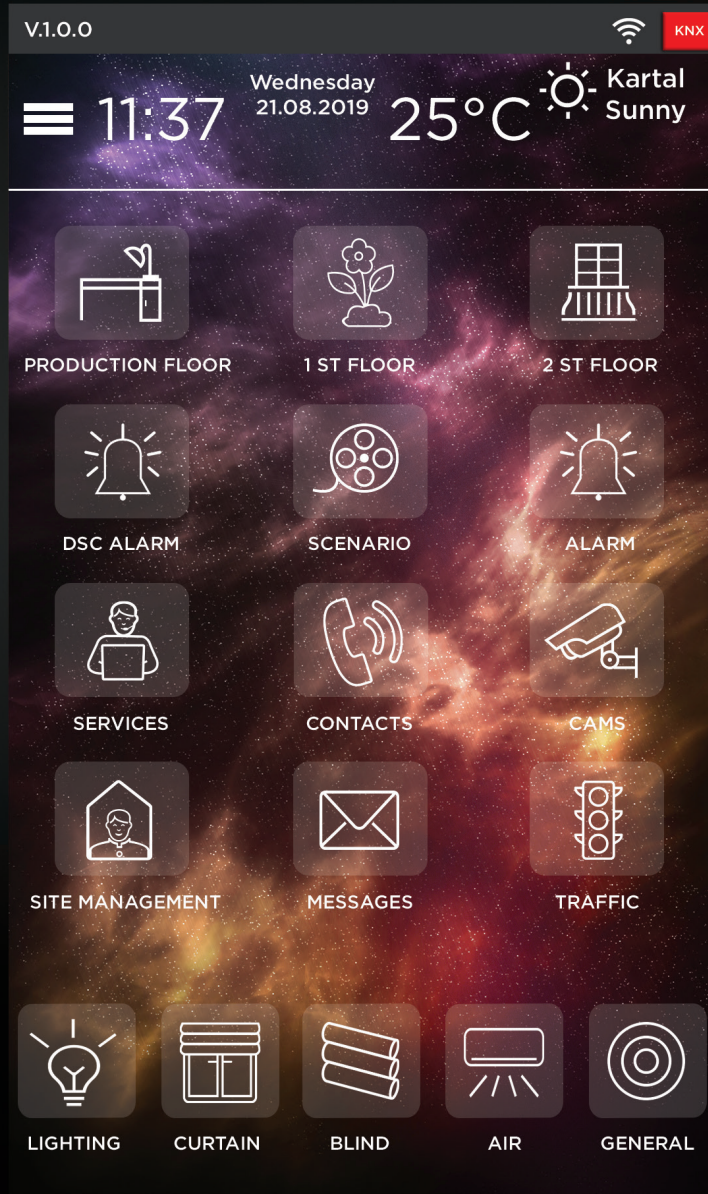
INTERRA
i7+

- • **Thermostat**
- • New Interface Design
- • **Straight and Vertical Design**
- • Slim Case
- • **Timer Scenarios**

# Just Touch Series
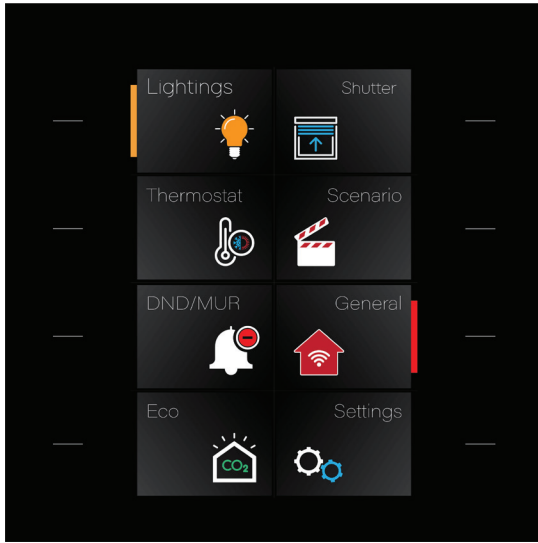
## Just Touch (PRO)
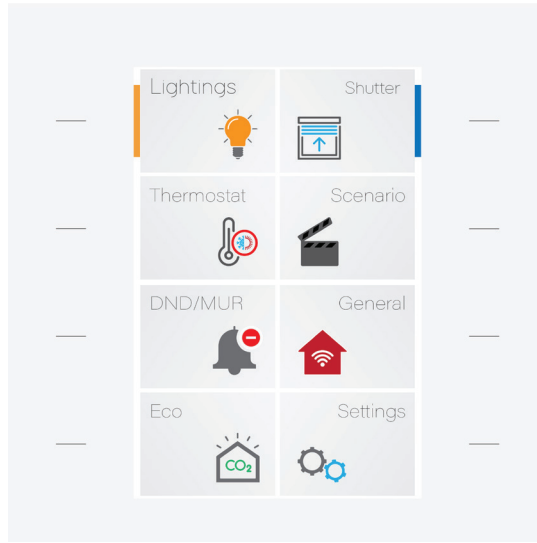


## Just Touch (STYLE)



## Just Touch (PURE) HOTEL
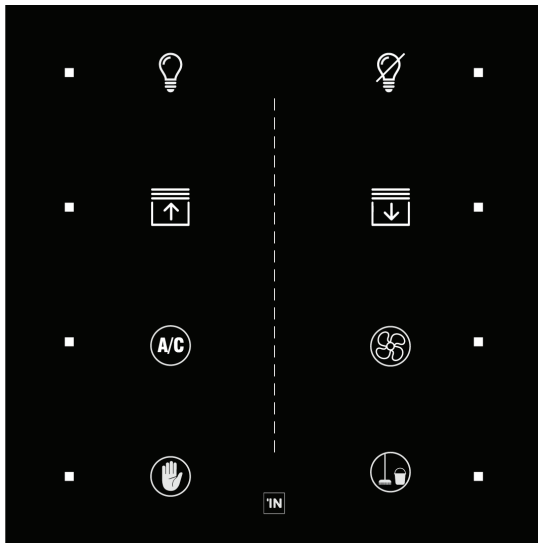


## Just Touch (PURE)
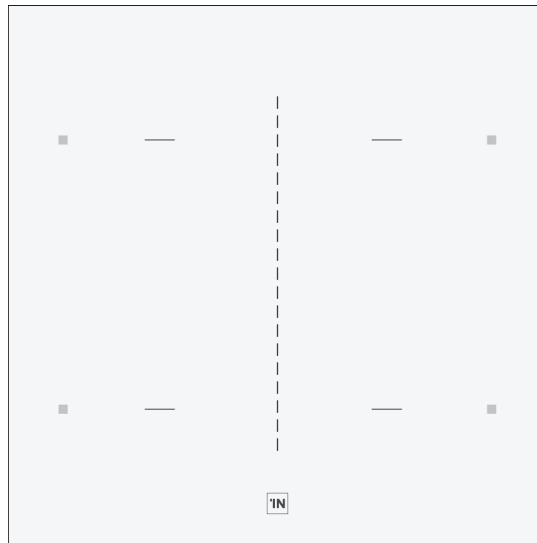


## Just Touch (DND)
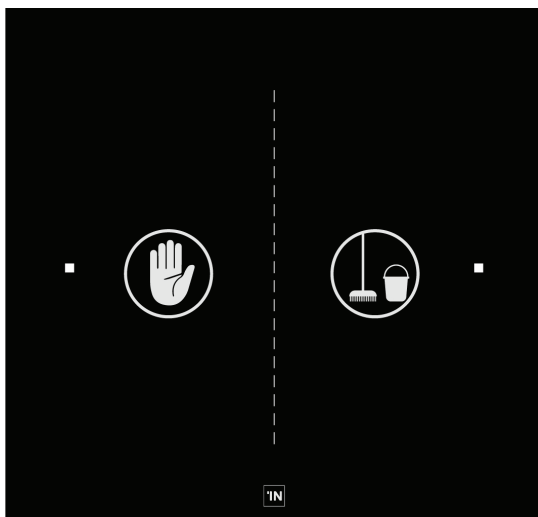


## Just Touch (Socket)

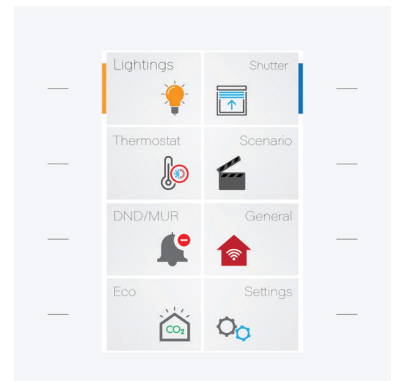# Touch Product Series



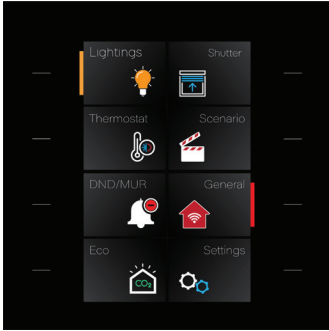Interra 10.1'' Touch Panel



Interra 10.1'' Touch Panel



i7(PLUS)
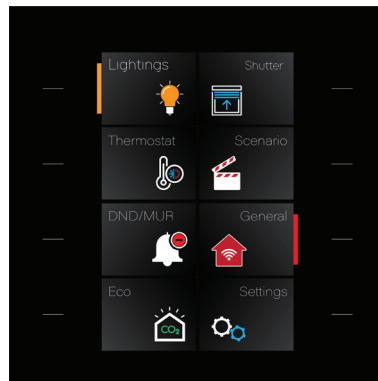


Just Touch Siyah (PRO)



Just Touch Beyaz (STYLE)

# Just Touch
# Series

**Just Touch Pro**



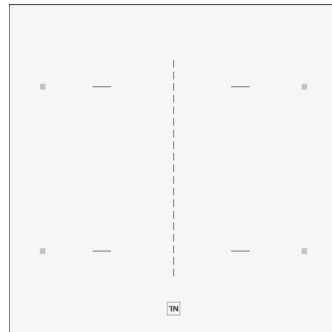**Just Touch STYLE**



**Just Touch STYLE**

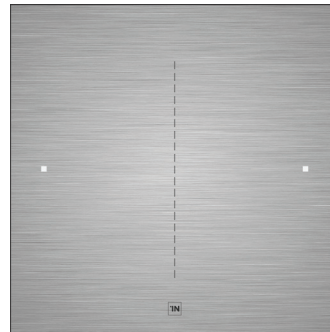

**Just Touch CUSTOM**
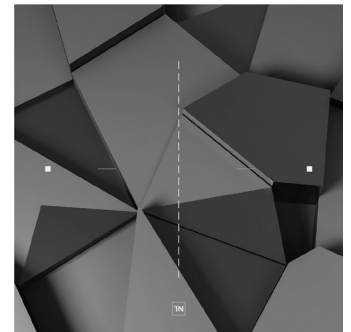


**Just Touch PURE 8 Gang**
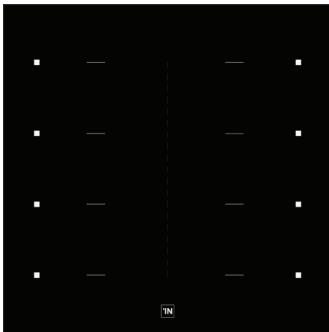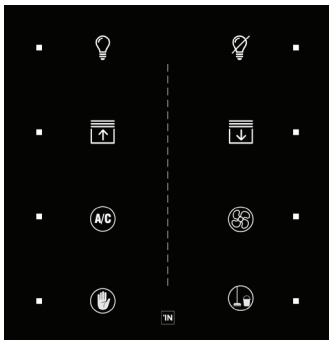


**Just Touch STYLE 4 Gang**
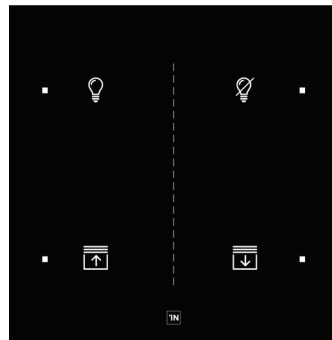


**Just Touch STYLE 2 Gang**
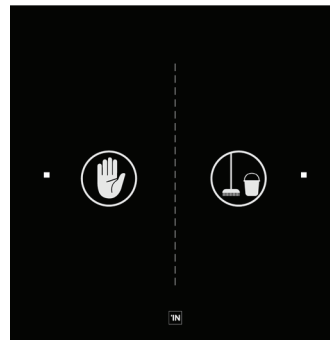


**Just Touch CUSTOM 2 gang**



**Just Touch PURE 8 Gang Icon Printed**



**Just Touch STYLE 4 Gang Icon Printed**



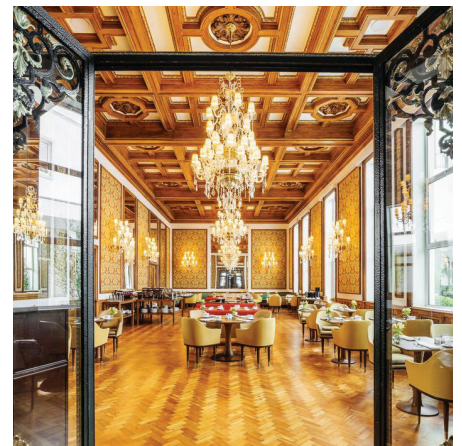**Just Touch STYLE 2 Gang Indoor - Outdoor DND/Mur**



**Universal Socket Series**

# INTERRA Smart Solutions Have Been Applied To More Than 2000 Premium Hotel Projects Globally

**Swissotel**
**Bosnia**

**Radisson Blue**
**Dakar**

**Infantes Sagres**
**Porto - Portugal**

**Baba Beach Club Hua Hin Luxury Pool Villa Hotel**
**Thailand**

**Hyatt Regency Tashkent**
**Uzbekistan**

**Hyatt Regency**
**Iraq**

**Tuzla Crown Hotel**
Turkey



**doubleTree By Hilton**
Turkey



**Antakya Hilton**
Turkey



**Best Western LVIV**
Ukraine



**Marriott Hotels**
Azerbaijan



**Radisson Blue**
Turkey



**Otel Sheraton Grand**
Turkey



**Yyldyz Hotel**
Turkmenistan



**Marriott Hotels**
Turkey

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