

some of our references worldwide

Logos: FAME RESORT, SWISSOTEL, MOVENPICK, SINPAŞ, RADISSON, CONRAD, PINELUX, HILTON, RAMADA, STAYINN, COUNTRY, DIVAN, PREMIER, SEASON, BASQAL, IBIS, HILTON, NG, SHABRAN, FORTINA, COUNTRY, CROWNE PLAZA, DIVAN, PREMIER, SEASON, BASQAL, IBIS.

Projects listed:

- FAME Residence & Hotel Kemer Antalya, Türkiye
- Swissotel Residences Çeşme Izmir, Türkiye
- Sinpaş Kızılbük Mugla, Türkiye
- Radisson Blu Hotel Dakar Dakar, Senegal
- Mövenpick Hotel İstanbul, Türkiye
- Intercontinental Hotel Ankara, Türkiye
- Antmare Hotel Izmir, Türkiye
- Ramada Plaza Trabzon Hotel Trabzon, Türkiye
- Radisson Blu Hotel Ottomare İstanbul, Türkiye
- Conrad Hotel İstanbul, Türkiye
- Hyatt Regency Erbil, Iraq
- Pine Bay Holiday Resort Aydın, Türkiye
- Hilton İstanbul Kozyatağı İstanbul, Türkiye
- Holiday Inn Hotel İstanbul, Türkiye
- St. Regis Hotel İstanbul, Türkiye
- Double Tree by Hilton İstanbul, Türkiye
- Aparthotel Broadway Em Matosinhos, Portugal
- Cevahir Hotel İstanbul, Türkiye
- Le Meridien Hotel İstanbul, Türkiye
- Hyatt Regency Maa Tashkent, Uzbekistan
- DoubleTree by Hilton Afyonkarahisar, Türkiye
- Sheraton Hotel İstanbul, Türkiye
- Caressa, a Luxury Collection Resort, Spa Mugla, Türkiye
- Caressa Hotel and Villa Mugla, Türkiye
- Erzurum Hilton Garden Inn Erzurum, Türkiye
- Hilton Dalaman Sarigerme Resort, Spa Mugla, Türkiye
- NG Sapanca Wellness Convention Sakarya, Türkiye
- Shabran Hotel Shabran, Azerbaijan
- Fortina Spa Resort - Siema Valetta, Malta
- Tuzla Crowne Hotel İstanbul, Türkiye
- Divan Hotel Mersin, Türkiye
- NG Phaselis Hotel Antalya, Türkiye
- Dalaman Hilton Hotel Mugla, Türkiye
- Crowne Plaza Ankara Ankara, Türkiye
- Hotel Shelest Vyshgorod Kiev, Ukraine
- Premier Hotel Odessa, Ukraine
- SeaSeason Mamaia Mamaia, Romania
- Basqal Hotel Azerbaijan
- IBIS Hotel Kazakhstan

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### 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

INTERRA GRMS Redefining Hospitality Setting the Standard

Export to More than 100 Countries  
Distributor and System Integrator Network Worldwide

16 YEARS OF R&D EXPERIENCE

- 140+ Employee
- 33% Yearly R&D Investment
- 500+ Product Range
- 200.000+ 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
- 90.000+ KNX Sensor in the field

# Interra GRMS and Smart Hotel Solutions

IX10 Full Screen, IX10 With Frame, I7+, IX4 Black, IX4 White, IX3 Black, IX3 White, IX2 Black, IX2 White, iSwitch+, DND, Access Control, Wiring Accessories

**Guest Experience and Comfort**

- Lighting
- RGB LEDs
- Shutter / Blinds
- Air Conditioning
- Access Control
- Do Not Disturb
- Third Party Integrations

**Operational Efficiency**

**Energy Savings**

**Safety and Security**

### iS12 Master Control

Intelligent and Infinite Control: Redefining Building Automation

12 INPUTS (10 Digital-2 Analog) | 12 OUTPUTS

External Power Input 12-30V | TCP/IP | KNX TP

GRMS: Ethernet I/O, DALI Master, Touch Panels, Sensors, Magnetic Contact, Water Flood Detector, Push Button

Protocols: KNX, Modbus, MQTT, DALI, BACnet, IFTTT, WebSockets, API

HMS: Opera, FIDELIO, TRIDIUM, NETX AUTOMATION, 3.Party Door Lock Integration

Touch Panels, Keypads, Sensors, Access Control, DND, Combo Actuator, AC Gateway, Binary Inputs, KNX / DALI Gateway

### 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 vs. Presence sensor virtual card holder

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

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 AUTOMATION, TRIDIUM, BECKHOFF

3rd Party Integrations: FIDELIO, Opera, OQ

Hotel Software: ASSA ABLLOY, SALTO, dormakaba

Door Connections: ASSA ABLLOY, SALTO, dormakaba

via USB Adapter: Bluetooth, ZigBee, LoWPAN, GSM



For more detail check out Hotel Solutions webpage

# Interra Hotel GRMS Solution

## Room Control by KNX

**IX10 10" Touch Panel**

- New/Easy Mechanical Installation
- Hey Interra! Offline Voice Assistant
- Secure Cloud Remote Control
- Strong Hardware Power
- Mobile Control
- Concierge Services
- Control Everything
- Intercom Services

**iSwitch+**

- Easy Mounting Style
- Homogenic RGBW LEDs
- Advanced LCD Functions
- Digital & Analog Inputs
- Password Lock
- Adjustable Clock
- Shutter Control
- Timer Scenarios

**IX4**

- IC/IP Access Control
- Night Visibility
- PoE Supported
- RFID

**DND**

- Programmed by ETS
- 21-30 V DC
- Suitable Surface Mounting
- Touch Ring Button Option
- RFID

**Access Control**

- IC/IP Access Control
- Night Visibility
- PoE Supported
- RFID

**KNX Mid-Range Presence Sensor** | **KNX Mid-Range+ Presence Sensor** | **KNX Wide-Range Presence Sensor** | **KNX High-Bay Motion Sensor** | **KNX High-Bay+ Motion Sensor**

**Mounting Case**

**Wiring Accessories**

**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

**AC Gateway**

- Approved Reliability
- Energy Efficiency
- Fault Indication
- Easy to Setup
- Bi-directional Com.
- More features by KNX

**Combo Actuator**

- On / Off
- Blinds
- Fan Coil
- Logic Blocks
- Heat and Humidity Sensor
- Thermostat Control

**Daylight Sensing**

**Presence & Absence Scenario**

**Virtual Card Holder**

**Thermostat Function**

**Inputs&Logic Function**

**Energy Efficiency**

**Easy to Setup**

**More features by KNX**

**Thermostat Control**

**Thermostat Control**

## Room Control by EIO

**IX10 10" Touch Panel**

- New/Easy Mechanical Installation
- Hey Interra! Offline Voice Assistant
- Secure Cloud Remote Control
- Strong Hardware Power
- Mobile Control
- Concierge Services
- Control Everything
- Intercom Services

**i7+**

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

**Access Control**

- IC/IP Access Control
- Night Visibility
- PoE Supported
- Touch Ring Button Option
- RFID

**DND**

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

**Conventional Sensor**

- High-Bay Motion sensor
- High-Bay+ Motion sensor
- Mid-Range Presence Sensor
- Wide-Range Presence Sensor

**Switching Support up to 10A**

**High Sensitivity**

**Support Switching Between Remote Working Modes**

**Working Function Suitable for Hotel Solutions**

**Wiring Accessories**

**Compatible with any brand wiring accessories series**

**KNX Modbus MQTT**

**DALI BACnet IFTTT**

**WebSockets ASSA ABLOY REST API**

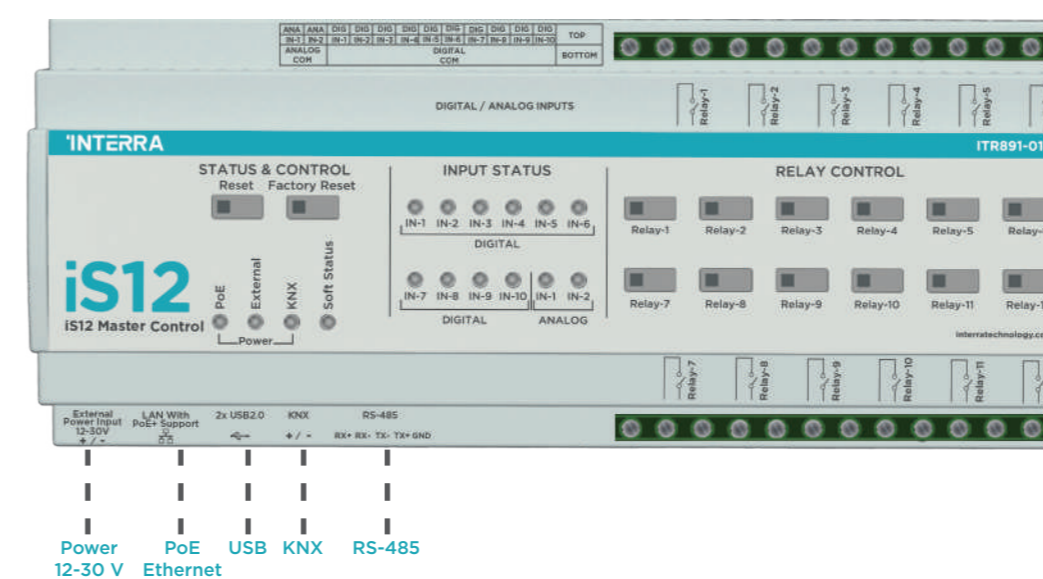
## iS12 Master Control

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

#### Controlled by Inputs

- Motion Sensor
- Door Sensor
- Window Sensor
- Temperature Sensor
- Biometric Scanner Sensor
- Lighting Control
- Blinds Control
- HVAC Control
- Light Sensor
- Smoke Sensor
- Curtain Control
- Door / Locks Control
- Smart TV Control
- DND / MUR Sensor
- Door Bell Sensor
- Speakers Control
- Combi Systems Control
- Elevator Control

#### Controlled by Outputs



## 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, IFTTT, WebSocket DOOR IOCK, 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

## Common Area Control by DMX

**KNX Presence Sensor** | **KNX Motion Sensor** | **KNX Microwave Sensor** | **KNX Air Quality Sensor** | **KNX Heat and Smoke Detector** | **KNX-Water Flood Detector**

**KNX Corridor Movement Detector**

**Detection Area Suitable for Corridor**

**High Sensitivity**

**Wide Sensing Distance**

## 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	Light	22°C	Door Lock
Check-out	Light	Off	Door Lock
Housekeeping	Light	Off	Door Lock
Occupied	Light	22°C	Door Lock
Vacant	Light	Off	Door Lock
Comfort	Light	24°C	Door Lock
Emergency	EXIT	Alarm	Door Lock

**Energy Management** | **Integration Hub** | **Maintenance Alerts** | **UI Communication**

**Customization and Configuration** | **Data Collection and Analytics** | **Security** | **Software Management**

## Hotel Common Areas

**Restaurant** | **Conference Room** | **Fitness Center** | **Reception** | **Ballroom**

**Protocols**

**FIDELIO** | **Opera** | **VRV VRF**

**Door Lock System Integration**

**SALTO** | **ASSA ABLOY** | **dormakaba**

## Common Area Control by DALI

**KNX / DALI Gateway Features**

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

**Commissioning via Web Interface**

**iNode API Integration**

**DALI Master Controller** | **KNX DALI Gateway** | **Interra DALI-2 Binary Input** | **Interra DALI-2 Driver**

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

- DALI-2 High-Bay Motion sensor
- DALI-2 High-Bay+ Motion sensor
- DALI-2 Mid-Range Presence Sensor
- DALI-2 Wide-Range Presence Sensor

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