

# 'INTERRA

—Developer of Uniqueness—

# NEW PRODUCTS



[www.interratechnology.com](http://www.interratechnology.com)

Ready for Sale in Q3

# iX10 - 10" KNX Touch Panel

- All Control from Single Point
- Slim and Modern Design
- Two Different Models: Frame & Full Screen
- With Frame Desired Color Options
- Feedback function with RGB leds
- Easy and Modern Mechanical Installation
- Hey Interra! Offline Voice Assistant
- Cloud-Based Secure Mobile Control
- Thermostat Control
- New Modular Powerful Hardware Structure
- Integration with Building Management, Hotel Management  
and 3rd Party Systems



# iX10 - 10" KNX Touch Panel Full Screen



Ready for  
Sale

# iX4 - 4" KNX Touch Panel

- Up to 128 control points: 16 Function Pages include 8 Different Functions for Each
- 4 Thermostats and 4 AC Controls with 1 Device
- 2 Digital, 2 Analog Inputs and 1 Relay Output
- Easy Assembly with Monoblock Design
- Configurable Main Screen (1x2 1x4 2x4)
- Black and White Color Option
- Built-in Temperature, Humidity, Air Quality ,Luminous Intensity and Proximity Sensor
- Screen Saver as Analog or Digital Clock



Lighting Control  
Music Player  
Timer Scenarios

RGB Dimming  
Air Conditioning  
Cleaning Mod

Tunable White  
Curtain/Blinds Control  
Lock

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# iX3 - 4" KNX Touch Panel



- 6 Different Pages, Up to 44 Control Points
- Full Control of Illumination
- Special Thermostat Page
- Built-in Temperature, Humidity, Brightness and Air Quality Sensor
- 13 Different Language Options
- 2x External input: Both can be used as digital and/or analog
- Voice Feedback
- Black - White, Monoblock Design and Easy Assembly

Lighting Control  
Music Player  
Thermostat

RGB Dimming  
Air Conditioning  
Cleaning Mod

Tunable White  
Curtain/Blinds Control  
Lock

# iX2 - 2" KNX Touch Panel

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- Built-in Temperature, Humidity, Brightness and Air Quality Sensor
- Black - White, 4 Main Models with and without Screen
- 2 Adjustable Inputs (Digital/Analog)
- Easy Assembly with Monoblock Design
- Master / Slave Thermostat Feature
- Error Monitoring via LCD Screen
- Dim and Curtain Control with Slider in Model Without Screen



# iX2 - KNX Touch Panel



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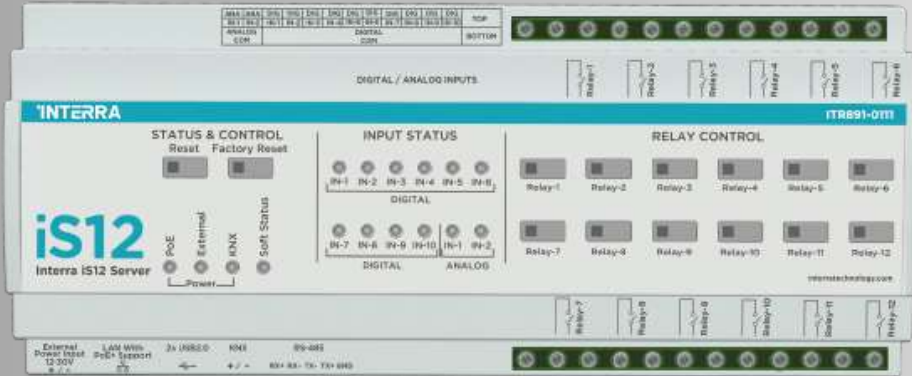
# iXM - 3'' Intelligent Mechanic Switch

- 2x Input
- 32 Control Points: 8 mechanical buttons within 24 screens
- No need external Power Supply
- Touch Screen
- Mechanical Buttons
- Multi-customized color options



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# iS12 Master Control



## Main Functions:

- 12 Inputs/Outputs
  - Supply with 12-30 V or PoE
  - KNX TP/RS-485
  - Physical visualization and control
  - Direct communication with 3. Party IP based 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
  - Logic based programming single point with Interra products
- Enhance the comfort of your life with scenarios you can create through our solutions

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# iS1 Server



## Main Functions:

- Supply with 12-30 V or PoE
- KNX TP/RS-485
- Physical visualization and control
- Direct communication with 3. Party IP based smart devices
- It can communicate with KNX devices
- KNX, Modbus, MQTT, DALI, BACnet, IFTT, WebSocket DOOR IOCK, Reset API, EIO
- Dynamic interface control
- Communicate directly with BMS
- Cloud secure mobile control
- Logic based programming

# DALI-2 Master Controller Series



- Interra DALI Master Controller is certified DT0, DT1, DT6, DT8-TC, DT8-RGB, DT8-RGBW compatible DALI-2 master application controller capable of controlling DALI-2 lighting control equipment and DALI-2 controllers. DALI devices connected to the line (ballasts, etc.) are powered by the internal DALI power supply.
- Interra DALI Master can control and power up to two DALI-2 networks.
- Up to 64 DALI devices, 16 groups and 16 scenarios can be controlled with each DALI channel. Multiple DALI Masters can be interconnected via a standard TCP/IP Ethernet connection, scaling to large and complex projects.
- It has embedded commissioning software and stores all programming data inside the system, eliminating a central point of failure and the need to always program with the last saved configuration file.

# DALI-2 Master Controller Series



## Control Options

Interra DALI Gateway supports up to 64 DALI devices per channel and has possibility to create up to 16 DALI groups per channel. It has options for individual, group and broadcast control.



## Programming via ETS.

Interra DALI Gateways can be commissioned via ETS without the need for any extra software. Also, it can provide commissioning by preserving the addressing of the addressed areas.



## Emergency Lighting

Interra DALI Gateways provide control for emergency lighting and has automatic function and battery tests for emergency lighting products.



## Fast Commissioning

Interra DALI Gateway has a quick and practical commissioning of repetitive parametric structures with the template structure.



## Remote Update

Interra DALI Gateways has a remote software update function, so anytime a new software is released, you can upgrade your products.



## Tunable White & RGB

Interra DALI Gateways can control tunable white ballasts and provide RGB control option.



## Fault Check

Interra DALI Gateway can detect the defective ballast and lightings in the projects.



## Integrated DALI PSU

With its integrated DALI Power Supply, Interra DALI Gateway feed the DALI lines.



## Manual Control

Interra DALI Gateways can be controlled manually with its LCD screen and buttons.

# DALI-2 Multi Sensor Series



With the new Interra Sensor series, a unique combination of safety, efficiency and comfort with the slimmest design in its class, functions such as indoor energy and lighting management, heating and air conditioning can be smartly and reliably integrated into building automation systems. Interra DALI-2 Presence and Motion Sensors are multifunctional sensors suitable for low and high ceiling indoor use with medium and wide distance detection from 11 m to 48 m.

## Main Functions:

- Supply with 12-30 V or PoE
- KNX TP/RS-485
- Physical visualization and control
- Direct communication with 3.party IP basemart devices
- It can communicate with KNX devices.

# DALI-2 Multi Sensor Series

## Interra DALI-2 Motion Sensor Detection Ranges

DALI-2 High-Bay  
Motion Sensor

DALI-2 High-Bay+  
Motion Sensor

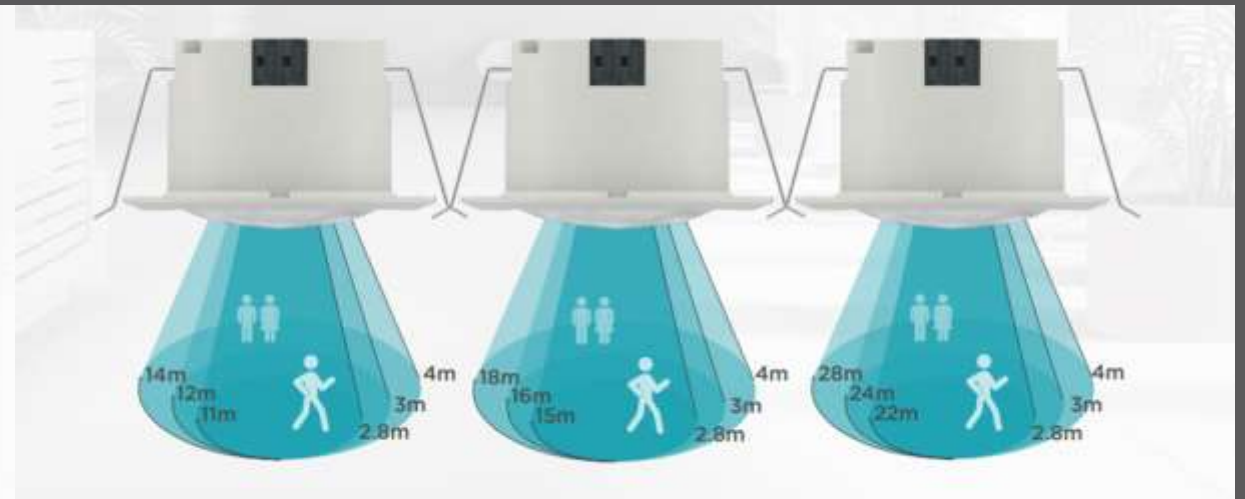


## Interra DALI-2 Presence Sensor Detection Ranges

DALI-2 Mid-Range  
Presence Sensor

DALI-2 Mid-Range+  
Presence Sensor

DALI-2 Wide-Range  
Presence Sensor



# KNX Multi Corridor Sensor

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## Main Functions:

- Suitable for long corridors and car parking spaces
- Presence, absence, stay on time and switch off delay values can be adjustable via KNX
- 3 stage brightness level control

# Multi Conventional Sensor

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## Main Functions:

- 10A switching capacity
- Working in different modes: Normal mode /Corridor mode
- Offline virtual card holder function
- Easy mode change with light
- Detection of the room door state with external digital input sensor



# KNX Multi Air Quality Sensor

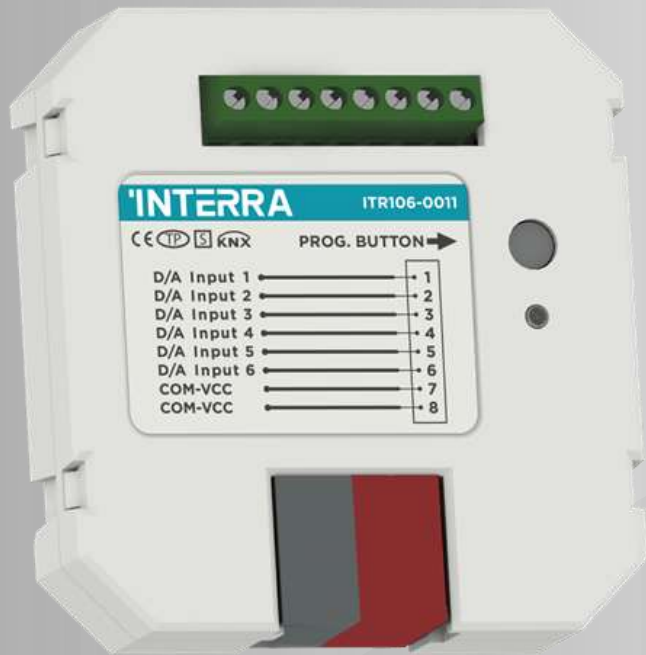
Ready for  
Sale



## Main Functions:

- Air Quality Sensor, supports humidity detection, VOC detection, CO2 detection, Pressure detection, internal and external temperature detection.
- Air Quality Sensor 2 logic function blocks and can be set in the logical relation AND/OR/XOR. Each block can control 5 output objects.
- Via 2 digital inputs and 1 digital/analog input, external devices can be connected.
- Switch sensor, switch/dimming sensor, shutter sensor, value/forced operation, scene control, RGB color control and HVAC mode selection control can be made with buttons that are connected to the inputs
- Temperature measuring through the integrated sensor, analog input or KNX temperature sensor with possibility of sending the value on change and periodically to the bus for monitoring the room temperature.

# KNX 6 Ch Binary / Analog Input Module With 6 Thermostat



All configurations of the device are performed with ETS5 or higher. Depending on the ETS configuration and settings, the product feature may be different. The available functions of the device are:

## Input Functions:

- Switch Sensor
- Switch /Dimming Sensor
- Shutter Sensor
- Value/Forced Operation
- Scene Control
- RGB Color Control
- RGBW Control
- Mode Selection
- Command Sequence

## Logic Functions:

- Internal Inputs (max. 6)
- External Inputs
- Binary Value  
(max.3 selectable)
- Movement
- Temperature
- Brightness
- Output Types  
(max. 5 selectable)
- Switch
- Dim
- Shutter
- Alarm
- Sequence
- Scene Number
- String
- Threshold

# KNX DIN Rail Type 12 Ch Binary Input Module With 2 Thermostat



The 12-Channel KNX Input Module serves as an interface for operating KNX systems via conventional buttons, switches or dry contacts and processing binary signals.

### Main Functions:

- 10 Binary Input and 2 Binary/Analog Input
- Supply Over KNX Bus
- 3 Independent Logic Blocks and 5 Object Outputs
- 2 Different Thermostat Functions

### Functions:

Switching  
Dimming

Thermostat  
Shutter/Blind

12 Channel  
Value Operation

# KNX Fan Coil Actuator



## Fan Speed Control

Up to three levels of fan speed can control and status response. Supports automatic operation, limitation function, and forced operation. Behavior operation for bus failure and bus recovery 15 scenes can configured.

## HVAC Control

This device manages both 2-pipe and 4-pipe systems through 2 state-ON/OFF or PWM valves, supporting local or bus-based valve control with position status feedback. It offers various HVAC modes and mode status responses when locally controlled and includes temperature measurement through an external PT1000 sensor.

## Interface Output

The relays serve as switch outputs when not used for fan or valve control and support various special functions. Additionally, two 0-10V output channels can be used for fan or valve control.

# KNX - IR Gateway

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## Main Functions:

- The universal IR codes control TV, DVD and other devices which can be controlled by IR
- The AC IR codes are used for controlling AC devices of any brand
- The device has several AC control types: Fan speed control, swing control, Cooling/Heating, Temperature control, ON/OFF control
- KNX Gateway can work between KNX to Infrared and Infrared to KNX
- After learned, obtained and downloaded the infrared codes through infrared learning page of KNX Assistant Software and IR
- Learner, the KNX IR Gateway can control TV, DVD, air conditioner etc
- Single mode: System emits one universal IR code and the emitting channel is one channel and multi channel
- Repeat mode: System emits one universal IR code several times repeatedly and the emitting channel is one channel and multi channel
- Sequence mode: System emits several universal IR code sequent at one time, but the emitting channel is one channel

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**THANKS**

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