

# 'INTERRA

— *Developer of Uniqueness* —



 **KNX**

Product Catalogue

# Contents

About Interra

## **KNX System Devices**

KNX Touch Panels  
KNX Switch Series  
KNX Actuators  
KNX Input Modules  
KNX System Components  
KNX Multi Sensor Series  
KNX Bus Cable

## **KNX Gateways**

KNX / AC Gateways  
KNX / DALI Gateways  
KNX / DMX Gateway  
KNX / IR Gateway  
KNX / RF Media Coupler

## **Building Automation Servers**

iS12 Master Control  
iS1 Server  
iBMS Hotel GRMS and BMS  
SIP Server  
iNode Logic Server  
Concierge Server  
Elevator Control Server

## **KNX / RF System Solutions**

## **KNX Hotel Modules**

## **Your Complete Solution Partner for Smart Building Systems**

## **Some of our References Worldwide**

Residential References  
Commercial References  
Hotel References

03

06

65

77

83

86

87

88





# Medeni Kahraman

At Interra, we are more than just a technology company—we are architects of progress, leveraging the power of innovation to propel society into a smarter, more sustainable future. Our unwavering commitment to visionary leadership and innovative management has been the driving force behind our sustained success.

At the heart of our growth lies a dedication to excellence in product development, where quality, functionality, and unique design converge to shape the future of smart technology. We strive to enhance quality of life and cultivate environments that are not just functional, but truly livable. Through the fusion of efficiency-driven technologies and value-added innovation, we endeavor to make life easier for people worldwide.

With a legacy of innovation since 2008, Interra stands proudly at the forefront of sectoral advancement. Our global footprint, spanning more than 100 countries, speaks to our commitment to delivering swift, efficient solutions without compromising on quality. As we look to the future, our investment in research and development accelerates, driving collaboration across borders and shaping the smart world of tomorrow.

Our vision is clear: to emerge as a global leader shaping the future of the smart world through our innovative technology, courageous spirit, and entrepreneurial ethos. Grounded in engineering excellence, we strive not just to meet, but to exceed the expectations of our customers, leaving an indelible mark on the world we inhabit.

**Medeni Kahraman**  
CEO





*Developer of  
Uniqueness*

## About Interra

INTERRA is at the forefront of revolutionizing smart home technology, specializing in the development of innovative KNX-based software and hardware solutions. With a steadfast commitment to excellence, our experienced R&D teams ensure that each product not only meets but exceeds the highest quality standards.

INTERRA has been a pioneer in the field of smart building automation since 2008, achieving global recognition and success. Our team of over 150 talented engineers and professionals spans across more than 100 countries, driving our mission to provide unique and sustainable smart building solutions.

Our extensive portfolio caters to a diverse range of needs, from residential villas to commercial complexes, offering safe, intelligent, and eco-friendly solutions. Guided by our core value of "Developer of Uniqueness," we continuously innovate, pushing the boundaries of smart building technology.

As the market leader in Türkiye, INTERRA is committed to extending its success to neighboring regions. By establishing local offices, we aim to provide unparalleled services to customers while fostering a culture of education and continuous improvement among our teams worldwide. Our focus on standardized quality across production, sales, and after-sales support ensures that INTERRA remains synonymous with excellence in smart building solutions.





## ↳ About Interra

Each  
Interra  
product is  
designed  
to be  
unique.

In 2008, Interra was established as a local smart home brand to close the product gaps of international KNX brands in the direction of the needs of the Turkish market. With this aim, Interra released its first KNX touch panel and combo actuators and they became the most selling KNX products in Türkiye in a short term. Especially with the minimalistic, slim, and timeless design of Interra panels, Interra has written its name to the biggest KNX projects in Türkiye and become a well-known brand shortly. After a while, Interra decided to increase its range to provide 100% project solutions to each project in Türkiye without the needs of any other KNX brand and be a market leader.

Interra drives its all global operations including R&D, manufacturing, marketing and sales in its 8 floors headquarters in Istanbul. Interra R&D Center is renovated in 2022 as a technology campus and has more than 150 talented engineers providing solutions to the industry with its specific needs right now. Interra is the first developer and manufacturer of the KNX touch panels, KNX switches, KNX actuators, KNX / AC gateways, and KNX IP routers in Türkiye. With our core value, all of these first products also got attention globally with their unique features in them.



# KNX System Benefits for Smart Buildings

INTERRA is a leading provider of smart building solutions, driven by a team of experienced hardware and software R&D experts. With a strong focus on innovation and quality, INTERRA has developed a comprehensive portfolio of KNX certified products and solutions, representing nearly 90% of our offerings. From advanced automation devices to intuitive software platforms, INTERRA empowers customers to create intelligent, efficient, and sustainable buildings tailored to their needs. With a commitment to excellence and a passion for cutting-edge technology, INTERRA is your trusted partner for smart building solutions.

## Here are the benefits of KNX system for smart building solutions :

**Interoperability:** KNX is an open and standardized protocol, allowing seamless integration of devices and systems from different manufacturers. This interoperability ensures compatibility and flexibility, enabling comprehensive smart building solutions that can evolve and expand over time.

**Scalability:** KNX systems are highly scalable, making them suitable for buildings of all sizes, from single-family homes to large commercial complexes. Whether it's a small renovation project or a multi-building development, KNX can accommodate diverse requirements and scale to meet changing needs.

**Flexibility:** KNX offers unparalleled flexibility in system design and configuration, allowing customization to suit specific applications, user preferences, and building requirements. From lighting control and HVAC management to security and energy management, KNX can be tailored to meet various use cases and scenarios.

**Centralized Control:** KNX enables centralized control and management of all building functions through a single interface, providing users with convenient access and comprehensive oversight of their smart building systems. This centralized approach enhances operational efficiency, streamlines maintenance, and simplifies user interaction.

**Energy Efficiency:** KNX promotes energy efficiency and sustainability by optimizing the use of resources such as lighting, heating, and ventilation. Advanced features such as occupancy sensing, daylight harvesting, and load shedding help reduce energy consumption, lower utility costs, and minimize environmental impact.

**Enhanced Comfort and Convenience:** KNX enhances occupant comfort and convenience by providing intelligent automation and personalized control of building systems. Whether it's adjusting lighting levels, setting temperature preferences, or managing security settings, KNX empowers users to create customized environments that meet their needs and preferences.

**Reliability and Stability:** KNX systems are renowned for their reliability, robustness, and stability, ensuring uninterrupted operation and minimal downtime. With built-in fault tolerance mechanisms and decentralized architecture, KNX systems offer high levels of resilience and performance, even in challenging environments.

**Future-Proof Technology:** KNX is a future-proof technology with a long track record of innovation and evolution. As new devices, applications, and functionalities emerge, KNX continues to adapt and expand, ensuring compatibility and longevity for smart building investments.

# KNX System Devices

## KNX Touch Panels

### iX10 - 10.1" KNX Touch Panel

#### With Frame



#### Full Screen



### One Device, Multiple Solutions

iX10 - 10.1" KNX Touch Panel offers functionality and versatility, consolidating control of various systems into a single interface with its sleek and modern design.

Available in two distinct models - With Frame and Full Screen - the iX10 seamlessly integrates into any environment, offering flexibility to match your aesthetic preferences and spatial requirements. User interaction is facilitated through the feedback function featuring RGB LEDs. iX10's new modular hardware structure, seamlessly integrates with building management, hotel management, and third-party systems and installation is both quick and effortless, thanks to the modern mechanical design.

iX10 also features the Hey Interra! Offline AI Voice Assistant, enabling voice control even without an internet connection. With cloud-based secure mobile control, users can remotely access and manage the iX10. Additionally, integrated thermostat control ensures optimal comfort and energy efficiency.

The iX10 touch panel features a hassle-free installation process, thanks to its innovative design with four magnets. Simply attach the panel to any compatible surface using the four magnets on the corner of mounting box, and you're ready to go : Easy and robust installation!



RGB LEDs Status



Hey Interra! AI Offline Voice Assistant



Secure Cloud Remote Control



New/Easy Mechanical Installation



Thermostat Control



Strong Hardware Power





# KNX System Devices

## KNX Touch Panels

### iX10 Series Products Codes & Descriptions



#### iX10 10.1" KNX Touch Panel Full Screen

Product Code	Dimensions (W×H×D)	Notes
ITR110-1400	273 x 205 x 64,45 mm	Full screen KNX
ITR110-3400	273 x 205 x 64,45 mm	Full screen KNX POE



#### iX10 10.1" KNX Touch Panel With Frame

Product Code	Dimensions (W×H×D)	Notes
ITR110-1410	268 x 200 x 58,50 mm	With frame KNX
ITR110-3410	268 x 200 x 58,50 mm	With frame KNX POE



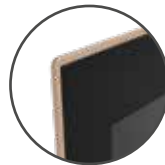
#### iX10 Touch Panel Flush Mounting Box

Product Code	Dimensions (W×H×D)	Notes
ITR110-9400	257,50 x 191,20 x 59,50 mm	4 magnets are included for mounting. Requires a professional assembly.

### iX10 - 10.1" KNX Touch Panel Frames



ITR110-8401 iX10 Touch Panel Black Frame



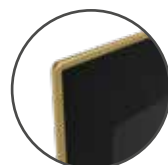
ITR110-8404 iX10 Touch Panel Rose Gold Frame



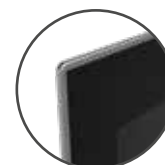
ITR110-8402 iX10 Touch Panel White Frame



ITR110-8405 iX10 Touch Panel Bronze Frame



ITR110-8403 iX10 Touch Panel Gold Frame



ITR110-8406 iX10 Touch Panel Silver Frame

# KNX System Devices

## KNX Touch Panels

### Interra 4 - KNX Touch Panels

#### Never goes out of style!

Your home will never go out of style with Interra 4's minimalistic, slim and timeless design with a 5mm screen thickness. Interra 4 touch panels offer not just one, but two sleek and intuitive touch panels in 10.1" and 7" variants to seamlessly integrate into your smart home setup. Designed to control the entire smart building system from a single smart point. It can control complex systems such as switches, sensors, lighting, heating systems, camera, alarm systems, and many more from a central point.



Its embedded home server provides mobile control and increases the comfort of your life with its user-friendly UI. Its timer feature allows you to create scheduled automation scenarios. Its 3 5A output relays and 3 inputs create an opportunity to be more flexible in the projects.



#### Control Everything

It allows you to control easily all daily routines of a smart building from lighting, blinds, personalized room scenes, time programs to room

temperature, data from your weather station to be easily controlled by one device.



#### Mobile Control

Whether blinds, lights, heating, air conditioning, scenes, cameras or time programs, Interra 4

Touch Panels provide full mobile control for all the needs of a smart life by matching with our free InterraPro application which can be downloaded on App Store or Google Play.



#### Concierge Services

With Interra Concierge Server, add an extra value to your project by enabling site management to provide site management operations such as dues, announcements, invoices, messaging, and services such as spa, taxi, valet, and dry cleaning.



#### Intercom Services

If you have an outdoor video station at your home, Interra 4 Touch Panel can be used as an indoor video station for controlling intercom services such as viewing the guests, communicating with them, opening the outdoors, getting notifications and many more.



# KNX System Devices

## KNX Touch Panels

### Interra 4 - KNX Touch Panel Series



#### Interra 4 - 10.1" KNX Touch Panel - Android

Product Code	Dimensions (W×H×D)	Notes
ITR110-0104	345 x 232 x 36 mm	Frames & Mounting Boxes are not included.

#### Technical Details

**Display resolution:** 1920 x 1080p @ 60 Hz  
**CPU:** ARM Cortex A7 Dual-Core 2 x 1.2 GHz  
**Network:** 100 Mbps Ethernet or USB WIFI  
**Connectors:** 3 Relay Outputs (5A) & 3 Inputs

**Memory:** 1 GB DDR3  
**Storage:** 8 GB EMMC  
**Protection Class:** IP 20  
**Power Supply:** 12 V DC



#### Interra 4 - 7" KNX Touch Panel - Android

Product Code	Dimensions (W×H×D)	Notes
ITR107-0104	260 x 167 x 36 mm	Frames & Mounting Boxes are not included.

#### Technical Details

**Display resolution:** 1920 x 1080p @ 60 Hz  
**CPU:** ARM Cortex A7 Dual-Core 2 x 1.2 GHz  
**Network:** 100 Mbps Ethernet or USB WIFI  
**Connectors:** 3 Relay Outputs (5A) & 3 Inputs

**Memory:** 1 GB DDR3  
**Storage:** 8 GB EMMC  
**Protection Class:** IP 20  
**Power Supply:** 12 V DC

### Interra 4 - 10.1" Touch Panel Frames



#### Interra 4 - 10.1" Touch Panel Frame - Black Acrylic

Product Code	Dimensions (W×H×D)	Notes
ITR110-0205	345 x 34 x 2 mm	Doesn't require a professional assembly.



#### Interra 4 - 10.1" Touch Panel Frame - Black Aluminium

Product Code	Dimensions (W×H×D)	Notes
ITR110-0204	345 x 34 x 2 mm	Doesn't require a professional assembly.



# KNX System Devices

## KNX Touch Panels

### Interra 4 - 7" Touch Panel Frames



#### Interra 4 - 7" Touch Panel Frame - Black Acrylic

Product Code	Dimensions (W×H×D)	Notes
ITR107-0202	360 x 28 x 2 mm	Doesn't require a professional assembly.



#### Interra 4 - 7" Touch Panel Frame - Black Aluminium

Product Code	Dimensions (W×H×D)	Notes
ITR107-0201	360 x 28 x 2 mm	Doesn't require a professional assembly.

### Interra 4 - Touch Panel Flush Mounting Boxes



#### Interra 4 - 10.1" Touch Panel Flush Mounting Box

Product Code	Dimensions (W×H×D)	Notes
ITR110-9004	330 x 195 x 68.5 mm	Requires a professional assembly.



#### Interra 4 - 7" Touch Panel Flush Mounting Box

Product Code	Dimensions (W×H×D)	Notes
ITR107-9004	252 x 161 x 68,5 mm	Requires a professional assembly.

# KNX System Devices

## KNX Touch Panels

### Interra i7+ - KNX Touch Panels

#### Unique elegance and design

Interra i7+ is increasing the quality and the comfort of the living spaces with its unique elegance and vertical design. It's a great choice for whom like minimalistic but powerful products. With the 5 mm screen thickness and small frames, i7+ is one of the best options for those who are looking for modern and stylish living spaces.



#### Control Everything

It allows you to control easily all daily routines of a smart building from lighting, blinds, personalized room scenes, time programs to temperature, data from your weather station to be easily controlled by one device.



#### Concierge Services

With Interra Concierge Server, add an extra value to your project by enabling site management to provide site management ons such as dues, announcements, invoices, messaging, and services such as spa, taxi, valet, and dry cleaning.



#### Mobile Control

Whether blinds, lights, heating, air conditioning, scenes, cameras, or time programs, Interra i7+ Touch Panel provide complete mobile control for all the needs of a smart life by matching with our free InterraPro application which can be downloaded on App Store or Google Play.



#### Intercom Services

If you have an outdoor video station at your home, Interra i7+ Touch Panel can be used as an indoor video station for controlling intercom services such as viewing the guests, communicating with them, opening the outdoors, getting notifications, and many more.



# KNX System Devices

## KNX Touch Panels

### Interra i7+ - KNX Touch Panels Series



#### Interra i7+ - 7" KNX Touch Panel - Android

Product Code	Dimensions (W×H×D)	Notes
ITR165-0002	170 x 65 x 90 mm	Frames & Mounting Boxes are not included.

#### Technical Details

**Display resolution:** 1920 x 1080p @ 60 Hz  
**CPU:** ARM Cortex A7 Dual-Core 2 x 1.2 GHz  
**Network:** 100 Mbps Ethernet or USB WIFI  
**Connectors:** 3 Relay Outputs (5A) & 3 Inputs

**Memory:** 1 GB DDR3  
**Storage:** 8 GB EMMC  
**Protection Class:** IP 20  
**Power Supply:** 12 V DC

### Interra i7+ - 7" Touch Panel Frames



#### Interra i7+ - 7" Touch Panel Frame - Black Acrylic

Product Code	Dimensions (W×H×D)	Notes
ITR165-1002	170 x 19 x 1 mm	Frame is unremovable.

### Interra i7+ - 7" Touch Panel Flush Mounting Boxes



#### Interra i7+ - 7" Touch Panel Metal Flush Mounting Box

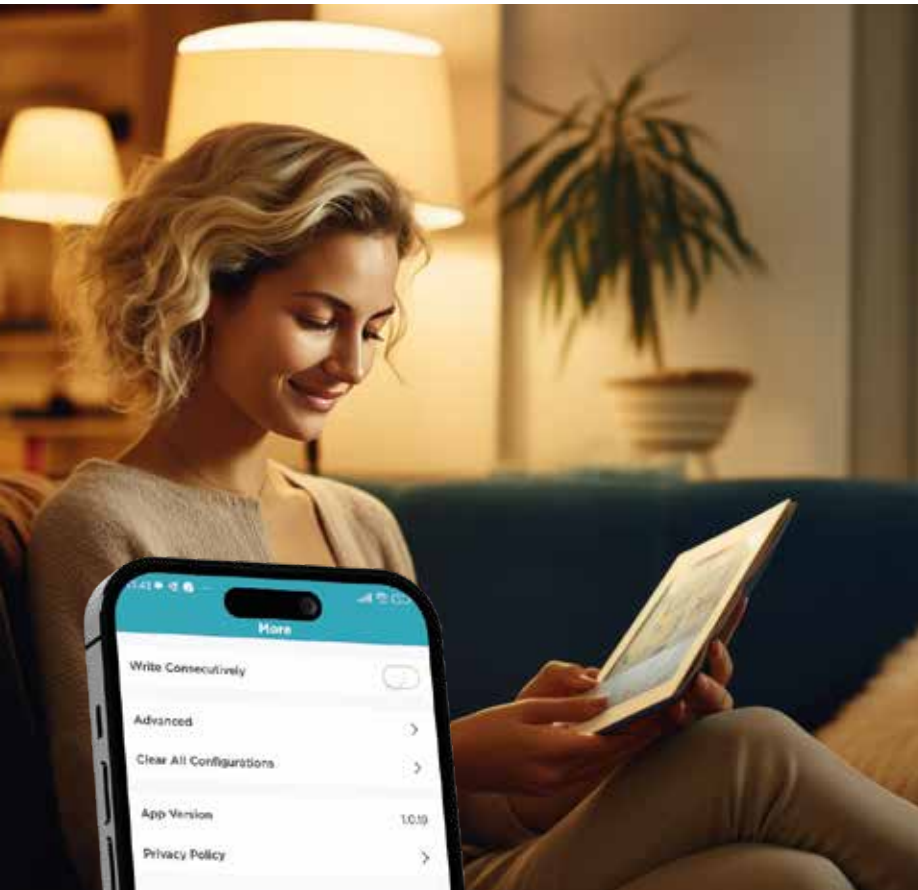
Product Code	Dimensions (W×H×D)	Notes
ITR165-9005	116 x 201 x 65 mm	Require a professional assembly.



# KNX System Devices

## KNX Touch Panels

## InterraPro Mobile Solutions



### InterraPro Application

With the free Mobile and Smart Watch application developed by Interra engineers, your home is at your fingertips wherever you are! By downloading InterraPro application and matching it with your Touch Panel, you can quickly and easily control your home from your mobile phone or smart watch.

Did it rain when you left the house?

Not sure if you forgot windows open?

Does your house feel stuffy when you come in the evening?

What would it be like if the living room was ventilated naturally before you arrived?

We remove all these questions from your life with Interra Mobile smart home solutions.



Your home  
is one-click  
away with  
InterraPro



# KNX System Devices

## KNX Touch Panels

### Interra iX4 - 4" KNX Touch Panel

#### Small, slim but extremely smart!

4" KNX Touch Panel; Interra iX4 is a new generation customizable mini smart home panel that provides great flexibility in terms of room controlling and architectural design and provides efficient solutions for residential or commercial applications. Its user-friendly and customizable user interface (1x2, 1x4, 2x4) makes smart buildings easier to control and removes the complexity from your life. All layouts and colors can be customizable according to your needs.

- Up to 128 functions can be controlled separately
- Integrated Temperature, Humidity, Brightness, Proximity and Air Quality Sensor (Optional)
- Integrated Wi-Fi and Bluetooth features (to be available)
- 8 different models; with/without AQI, with/without Wi-Fi/Bluetooth
- Lighting Control, Thermostat Control, AC Control, Music System Control, RGB or RGBW Control, Dimming Control, Tunable White Control and Shutter / Blinds / Jalousie Control
- Password Lock, Adjustable Clock, Shutter Control, Timer Scenarios
- Supporting up to 13 languages
- 4x External Input: 2x Digital Input, 2x Digital or Analog Input
- Cleaning mode, IPS Touch Screen
- Black and White color options
- Configuration with ETS



#### Interra iX4 - 4" KNX Touch Panel

Product Code	Dimensions (W×H×D)	Notes
ITR330-XXXX	84 x 100 x 8.6 mm	Mounting accessories are included in the box.

### Interra iX4 Features



Lighting Control



RGB Dimming



Tunable White



Music System Control



HVAC / Floor Heating Control



Shutter Control



Timer Scenarios



Cleaning Mode



Password Lock

# KNX System Devices

## KNX Touch Panels

### Interra iX4 Interfaces



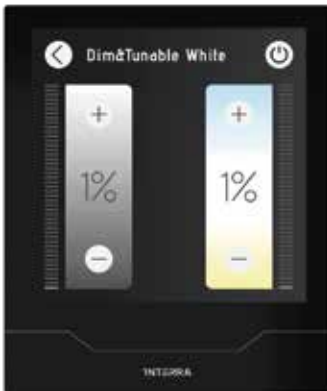
Mainpage



Customizable Main Page



Multifunctional Page



Dimming & Tunable White Control



Shutters & Blinds Control



RGBW Control



Air Conditioner Control



Settings



Music System Control

# iX4

Choose **your color** and explore the future of smart living today



# KNX System Devices

## KNX Touch Panels

### iX4 Series Product Codes & Descriptions

#### iX4 4" KNX Touch Panel Series

ITR330-0011	iX4 4" KNX Touch Panel, Black Case, Black Glass
ITR330-0021	iX4 4" KNX Touch Panel, White Case, Black Glass
ITR330-0031	iX4 4" KNX Touch Panel, Gold Case, Black Glass
ITR330-0041	iX4 4" KNX Touch Panel, Rose Gold Case, Black Glass
ITR330-0051	iX4 4" KNX Touch Panel, Bronze Case, Black Glass
ITR330-0061	iX4 4" KNX Touch Panel, Silver Case, Black Glass
ITR330-0012	iX4 4" KNX Touch Panel, Black Case, White Glass
ITR330-0022	iX4 4" KNX Touch Panel, White Case, White Glass
ITR330-0032	iX4 4" KNX Touch Panel, Gold Case, White Glass
ITR330-0042	iX4 4" KNX Touch Panel, Rose Gold Case, White Glass
ITR330-0052	iX4 4" KNX Touch Panel, Bronze Case, White Glass
ITR330-0062	iX4 4" KNX Touch Panel, Silver Case, White Glass
ITR330-1011	iX4 4" KNX Touch Panel, Black Case, Black Glass w/ Wi-Fi
ITR330-1021	iX4 4" KNX Touch Panel, White Case, Black Glass w/ Wi-Fi
ITR330-1031	iX4 4" KNX Touch Panel, Gold Case, Black Glass w/ Wi-Fi
ITR330-1041	iX4 4" KNX Touch Panel, Rose Gold Case, Black Glass w/ Wi-Fi
ITR330-1051	iX4 4" KNX Touch Panel, Bronze Case, Black Glass w/ Wi-Fi
ITR330-1061	iX4 4" KNX Touch Panel, Silver Case, Black Glass w/ Wi-Fi
ITR330-1012	iX4 4" KNX Touch Panel, Black Case, White Glass w/ Wi-Fi
ITR330-1022	iX4 4" KNX Touch Panel, White Case, White Glass w/ Wi-Fi
ITR330-1032	iX4 4" KNX Touch Panel, Gold Case, White Glass w/ Wi-Fi
ITR330-1042	iX4 4" KNX Touch Panel, Rose Gold Case, White Glass w/ Wi-Fi
ITR330-1052	iX4 4" KNX Touch Panel, Bronze Case, White Glass w/ Wi-Fi
ITR330-1062	iX4 4" KNX Touch Panel, Silver Case, White Glass w/ Wi-Fi
ITR330-2011	iX4 4" KNX Touch Panel, Black Case, Black Glass w/ AQI
ITR330-2021	iX4 4" KNX Touch Panel, White Case, Black Glass w/ AQI
ITR330-2031	iX4 4" KNX Touch Panel, Gold Case, Black Glass w/ AQI
ITR330-2041	iX4 4" KNX Touch Panel, Rose Gold Case, Black Glass w/ AQI
ITR330-2051	iX4 4" KNX Touch Panel, Bronze Case, Black Glass w/ AQI
ITR330-2061	iX4 4" KNX Touch Panel, Silver Case, Black Glass w/ AQI
ITR330-2012	iX4 4" KNX Touch Panel, Black Case, White Glass w/ AQI
ITR330-2022	iX4 4" KNX Touch Panel, White Case, White Glass w/ AQI
ITR330-2032	iX4 4" KNX Touch Panel, Gold Case, White Glass w/ AQI
ITR330-2042	iX4 4" KNX Touch Panel, Rose Gold Case, White Glass w/ AQI
ITR330-2052	iX4 4" KNX Touch Panel, Bronze Case, White Glass w/ AQI
ITR330-2062	iX4 4" KNX Touch Panel, Silver Case, White Glass w/ AQI
ITR330-3011	iX4 4" KNX Touch Panel, Black Case, Black Glass w/ Wi-Fi + AQI
ITR330-3021	iX4 4" KNX Touch Panel, White Case, Black Glass w/ Wi-Fi + AQI
ITR330-3031	iX4 4" KNX Touch Panel, Gold Case, Black Glass w/ Wi-Fi + AQI
ITR330-3041	iX4 4" KNX Touch Panel, Rose Gold Case, Black Glass w/ Wi-Fi + AQI
ITR330-3051	iX4 4" KNX Touch Panel, Bronze Case, Black Glass w/ Wi-Fi + AQI
ITR330-3061	iX4 4" KNX Touch Panel, Silver Case, Black Glass w/ Wi-Fi + AQI
ITR330-3012	iX4 4" KNX Touch Panel, Black Case, White Glass w/ Wi-Fi + AQI
ITR330-3022	iX4 4" KNX Touch Panel, White Case, White Glass w/ Wi-Fi + AQI
ITR330-3032	iX4 4" KNX Touch Panel, Gold Case, White Glass w/ Wi-Fi + AQI
ITR330-3042	iX4 4" KNX Touch Panel, Rose Gold Case, White Glass w/ Wi-Fi + AQI
ITR330-3052	iX4 4" KNX Touch Panel, Bronze Case, White Glass w/ Wi-Fi + AQI
ITR330-3062	iX4 4" KNX Touch Panel, Silver Case, White Glass w/ Wi-Fi + AQI



# KNX System Devices

## KNX Touch Panels

### Interra iX3 - 4" KNX Touch Panel

Elevate your smart home experience with iX3

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



### Interra iX3 Features



Up to 44 Control Points



13 Different Language Options



Sound Feedback



Full Control on Lighting



Special Thermostat Page



2x Input (Digital and/or Analog)



# KNX System Devices

## KNX Touch Panels

### iX3 Series Product Codes & Descriptions

#### iX3 4" KNX Touch Panel Series

ITR331-0001	iX3 4" KNX Touch Panel, Black
ITR331-0002	iX3 4" KNX Touch Panel, White
ITR331-2001	iX3 4" KNX Touch Panel, Black w/AQI
ITR331-2002	iX3 4" KNX Touch Panel, White w/ AQI

### Interra iX3 Interfaces



Mainpage



Multifunctional Page (Sample 1)



Multifunctional Page (Sample 2)



Multifunctional Page (Sample 3)



Lighting Control



Dimming Control



AC Control



Thermostat Control



Shutter/Blinds/Jalousie Control



RGB/RGBW Control



Tunable White Control



Music System Control

# KNX System Devices

## KNX Touch Panels

### Interra iX2 - 2" KNX Touch Panel

Introducing the iX2, a sophisticated 2-inch touch panel designed for seamless control and intuitive interaction. Perfect for modern smart buildings and advanced automation systems, the iX2 combines functionality with sleek aesthetics. Available in two versions to suit your needs: without a screen or with a thermostat screen.



### Empower Comfort, Simplify Control

- Built-in Temperature, Humidity, Brightness and Air Quality Sensor (Optional)
- Black - White, 4 Main Models with and without Screen
- 2 Adjustable Input (Digital/Analog)
- Easy Assembly with Monoblock Design
- Master / Slave Thermostat Feature
- Adjustable control bar in model without screen to control lighting, blind, thermostat, air quality status (for with AQ sensor versions only)
- Customizable button LEDs

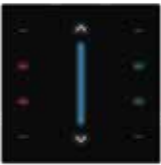


## iX2 Without Screen Version: Featuring an Innovative Control Bar

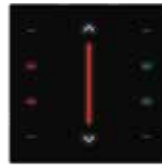
**Control Bar:** Centrally located for easy access, the control bar allows for precise manual adjustments for controlling lighting, blind, thermostat, air quality status (for with AQ sensor versions only). Simply touch and move the bar up or down to set your desired mode.

**Dynamic LED Feedback:** The middle bar features color-coded LED lights that provide instant visual feedback for thermostat, air quality status, lighting and blind controls.

### Thermostat Control Feedback:



**Cooling Active:**  
The light turns blue to indicate cooling is active.



**Heating Active:**  
The light turns red to indicate heating is active.

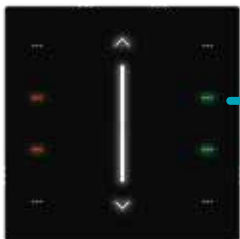


**Manual Adjustment:**  
The light turns white when changing thermostat setpoint.



**Target Temperature Reached:**  
The light turns green once the desired temperature is achieved.

### Air Quality Status Indicator:



### Customizable Button LEDs:

Three-point LEDs on both the right and left sides can be personalized via ETS software. Choose from red, green, yellow, blue, magenta, cyan or white LEDs to match your system's requirements or aesthetic preferences.



## iX2 with Thermostat Screen Version:

**Thermostat Display:** This version features a clear and easy-to-read screen that displays current temperature settings, mode, and other essential information.

**Touch Interface:** Intuitive touch controls allow you to easily adjust settings directly on the screen.

Both versions of the iX2 are designed to complement modern interiors with their minimalist and elegant design. Easily integrates with various smart buildings and automation systems, providing flexible control options for enhanced convenience.

Enhance your living space with the iX2's advanced features and enjoy the convenience of effortless climate control. Whether you prefer the tactile experience of the control bar or the visual feedback of the thermostat screen, the iX2 touch panel is the perfect addition to your smart building setup.

# KNX System Devices

## KNX Touch Panels

### iX2 Series Product Codes & Descriptions

#### iX2 2" KNX Touch Panel Series

ITR332-0201	iX2 2" KNX Touch Panel 2 Button, Black
ITR332-0202	iX2 2" KNX Touch Panel 2 Button, White
ITR332-0401	iX2 2" KNX Touch Panel 4 Button, Black
ITR332-0402	iX2 2" KNX Touch Panel 4 Button, White
ITR332-0801	iX2 2" KNX Touch Panel 8 Button, Black
ITR332-0802	iX2 2" KNX Touch Panel 8 Button, White
ITR332-1201	iX2 2" KNX Touch Panel 2 Button, Black w/ LCD
ITR332-1202	iX2 2" KNX Touch Panel 2 Button, White w/ LCD
ITR332-1401	iX2 2" KNX Touch Panel 4 Button, Black w/ LCD
ITR332-1402	iX2 2" KNX Touch Panel 4 Button, White w/ LCD
ITR332-1801	iX2 2" KNX Touch Panel 8 Button, Black w/ LCD
ITR332-1802	iX2 2" KNX Touch Panel 8 Button, White w/ LCD
ITR332-2201	iX2 2" KNX Touch Panel 2 Button, Black w/ AQI
ITR332-2202	iX2 2" KNX Touch Panel 2 Button, White w/ AQI
ITR332-2401	iX2 2" KNX Touch Panel 4 Button, Black w/ AQI
ITR332-2402	iX2 2" KNX Touch Panel 4 Button, White w/ AQI
ITR332-2801	iX2 2" KNX Touch Panel 8 Button, Black w/ AQI
ITR332-2802	iX2 2" KNX Touch Panel 8 Button, White w/ AQI
ITR332-3201	iX2 2" KNX Touch Panel 2 Button, Black w/ LCD+AQI
ITR332-3202	iX2 2" KNX Touch Panel 2 Button, White w/ LCD+AQI
ITR332-3401	iX2 2" KNX Touch Panel 4 Button, Black w/ LCD+AQI
ITR332-3402	iX2 2" KNX Touch Panel 4 Button White, w/ LCD+AQI
ITR332-3801	iX2 2" KNX Touch Panel 8 Button, Black, w/ LCD+AQI
ITR332-3802	iX2 2" KNX Touch Panel 8 Button, White w/ LCD+AQI





## KNX Switch Series

### iX-M 3" Intelligent Mechanic Switch

#### Embrace the future of smart control with the iX-M Series

Interra's new evolution in smart home and building automation with our iX-M Series 3" Intelligent Mechanic Switch. Designed to seamlessly integrate into KNX systems, this innovative switch combines advanced technology with user-friendly functionality, offering a robust solution for modern control needs.

#### iX-M Features

- **Dual Inputs:** Equipped with 2x input channels, the iX-M Series ensures versatile connectivity and enhanced control capabilities.
- **Comprehensive Control Points:** Manage up to 96 control points with ease, featuring 8 mechanical buttons and various customizable touch screens, providing unparalleled flexibility and precision in control.
- **Self-Powered Operation:** Our intelligent switch operates without the need for an external power supply, simplifying installation and reducing setup costs.
- **Intuitive Touch Screen:** The integrated touch screen enhances user interaction, offering a responsive and intuitive interface for quick adjustments and commands.
- **Durable Mechanical Buttons:** Built for reliability, the 8 mechanical buttons deliver a tactile and satisfying user experience, perfect for frequent use.
- **Aesthetic Versatility:** Choose from a range of multi-customized color options to match any interior design, ensuring the iX-M Series switch not only performs exceptionally but also complements your aesthetic preferences.





**This is your  
magical living  
space**



**Your Home, Your Imagination**

# KNX System Devices

## KNX Switch Series

### Interra iSwitch+ KNX Room Controller

#### Unique design combined with functionality

iSwitch+, the improved version of the legendary thermostatic KNX switch series of Interra takes attention with its clear straight lines and architecturally harmonious and fascinating colors and materials. The monoblock design of iSwitch+ has become more practical in terms of mounting by the screwless mounting facility. With its unique and elegant design, iSwitch+ is the favorite choice of interior architects.

iSwitch+ is more than a room controller with its temperature, air quality and humidity sensors and extremely powerful control and logic options. It comes with 8 different button options and it has 2 main models. One is a thermostat switch model that differentiates itself with its LCD dimension from its competitors and the other is a classic one without LCD. It performs the control of all functions required for building automation, such as switching, toggle, dimming, shutter/blinds, thermostat controls, scenes, value, 2 channels, and step switching mode features.

Each push button is equipped with RGB LEDs with adjustable light intensity in in 7 different customized color combinations for feedback or visualization, and the LCD models are equipped with VA-Display technology. There are 2 hidden push buttons with a short press and long press events, located up and down below the frame of the LCD, making it a unique device to control all thermostat functions over LCD buttons. It provides great project flexibility so other push buttons can be arranged for other controls.

#### iSwitch+ Rose Gold



#### iSwitch+ Midnight Blue



#### iSwitch+ Features



Easy Mounting Style



Homogenic RGB LEDs



Optional Air Quality Sensor



Digital & Analog Inputs



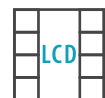
Built-in Sensors



Monoblock Design



Press Feeling



Advanced LCD Functions

iSwitch+ Rose Gold



Beauty Meets  
Functionality  
in Every  
Keystroke



## iSwitch+ Midnight Blue Brushed Aluminium



## iSwitch+ Rose Gold Brushed Aluminium





### iSwitch+ Black Aluminium Matt Brushed



### iSwitch+ Natural Aluminium Matt Brushed



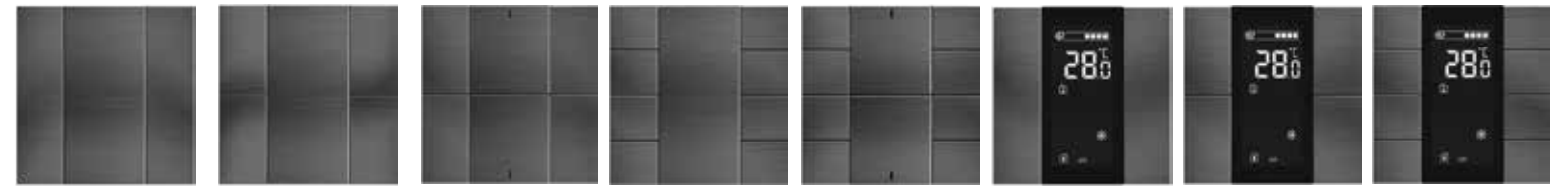
### iSwitch+ Gold Aluminium Matt Brushed



### iSwitch+ Bronze Aluminium Matt Brushed



### iSwitch+ Natural Stainless Steel



### iSwitch+ Matt White Plastic

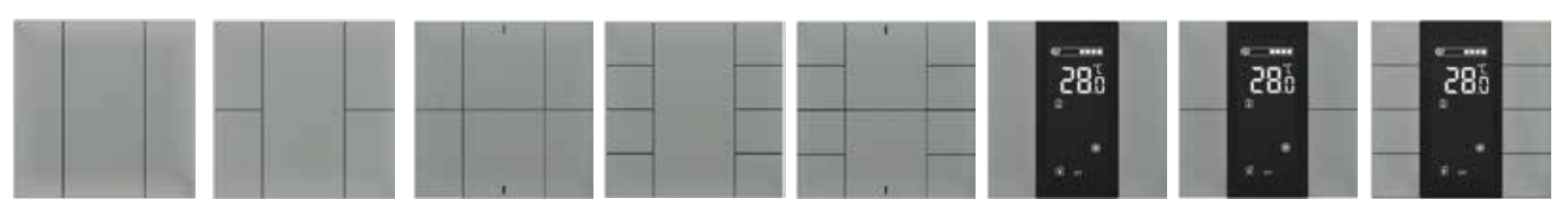




## iSwitch+ Anthracite Matt Plastic



## iSwitch+ Metallic Gray Plastic





### iSwitch+ Jet Black Plastic



### iSwitch+ Glossy White Plastic



# iSwitch+ Black Plexiglass





iSwitch+ Midnight Blue



Embrace the  
**Enigmatic Allure**  
of Midnight Blue

Depth and Style Merge in Every Hue

# KNX System Devices

## KNX Switch Series

### iSwitch+ Series Product Codes & Descriptions

#### iSwitch - Natural Aluminium Series

ITR340-0210	iSwitch+ - 2 Button Natural Aluminium Matt Brushed
ITR340-0410	iSwitch+ - 4 Button Natural Aluminium Matt Brushed
ITR340-0610	iSwitch+ - 6 Button Natural Aluminium Matt Brushed
ITR340-0810	iSwitch+ - 8 Button Natural Aluminium Matt Brushed
ITR340-0010	iSwitch+ - 10 Button Natural Aluminium Matt Brushed
ITR340-1210	iSwitch+ with LCD - 2 Button Natural Aluminium Matt Brushed
ITR340-1410	iSwitch+ with LCD - 4 Button Natural Aluminium Matt Brushed
ITR340-1810	iSwitch+ with LCD - 8 Button Natural Aluminium Matt Brushed

#### iSwitch - Black Aluminium Series

ITR340-0211	iSwitch+ - 2 Button Black Aluminium Matt Brushed
ITR340-0411	iSwitch+ - 4 Button Black Aluminium Matt Brushed
ITR340-0611	iSwitch+ - 6 Button Black Aluminium Matt Brushed
ITR340-0811	iSwitch+ - 8 Button Black Aluminium Matt Brushed
ITR340-0011	iSwitch+ - 10 Button Black Aluminium Matt Brushed
ITR340-1211	iSwitch+ with LCD - 2 Button Black Aluminium Matt Brushed
ITR340-1411	iSwitch+ with LCD - 4 Button Black Aluminium Matt Brushed
ITR340-1811	iSwitch+ with LCD - 8 Button Black Aluminium Matt Brushed

#### iSwitch - Bronze Aluminium Series

ITR340-0212	iSwitch+ - 2 Button Bronze Aluminium Matt Brushed
ITR340-0412	iSwitch+ - 4 Button Bronze Aluminium Matt Brushed
ITR340-0612	iSwitch+ - 6 Button Bronze Aluminium Matt Brushed
ITR340-0812	iSwitch+ - 8 Button Bronze Aluminium Matt Brushed
ITR340-0012	iSwitch+ - 10 Button Bronze Aluminium Matt Brushed
ITR340-1212	iSwitch+ with LCD - 2 Button Bronze Aluminium Matt Brushed
ITR340-1412	iSwitch+ with LCD - 4 Button Bronze Aluminium Matt Brushed
ITR340-1812	iSwitch+ with LCD - 8 Button Bronze Aluminium Matt Brushed

#### iSwitch - Gold Aluminium Series

ITR340-0213	iSwitch+ - 2 Button Gold Aluminium Matt Brushed
ITR340-0413	iSwitch+ - 4 Button Gold Aluminium Matt Brushed
ITR340-0613	iSwitch+ - 6 Button Gold Aluminium Matt Brushed
ITR340-0813	iSwitch+ - 8 Button Gold Aluminium Matt Brushed
ITR340-0013	iSwitch+ - 10 Button Gold Aluminium Matt Brushed
ITR340-1213	iSwitch+ with LCD - 2 Button Gold Aluminium Matt Brushed
ITR340-1413	iSwitch+ with LCD - 4 Button Gold Aluminium Matt Brushed
ITR340-1813	iSwitch+ with LCD - 8 Button Gold Aluminium Matt Brushed



# KNX System Devices

## KNX Switch Series

### iSwitch+ Series Product Codes & Descriptions

#### iSwitch - Midnight Blue Aluminium Series

ITR340-0215	iSwitch+ - 2 Button Midnight Blue Aluminium Matt Brushed
ITR340-0415	iSwitch+ - 4 Button Midnight Blue Aluminium Matt Brushed
ITR340-0615	iSwitch+ - 6 Button Midnight Blue Aluminium Matt Brushed
ITR340-0815	iSwitch+ - 8 Button Midnight Blue Aluminium Matt Brushed
ITR340-0015	iSwitch+ - 10 Button Midnight Blue Aluminium Matt Brushed
ITR340-1215	iSwitch+ with LCD - 2 Button Midnight Blue Aluminium Matt Brushed
ITR340-1415	iSwitch+ with LCD - 4 Button Midnight Blue Aluminium Matt Brushed
ITR340-1815	iSwitch+ with LCD - 8 Button Midnight Blue Aluminium Matt Brushed

#### iSwitch - Rose Gold Aluminium Series

ITR340-0214	iSwitch+ - 2 Button Rose Gold Aluminium Matt Brushed
ITR340-0414	iSwitch+ - 4 Button Rose Gold Aluminium Matt Brushed
ITR340-0614	iSwitch+ - 6 Button Rose Gold Aluminium Matt Brushed
ITR340-0814	iSwitch+ - 8 Button Rose Gold Aluminium Matt Brushed
ITR340-0014	iSwitch+ - 10 Button Rose Gold Aluminium Matt Brushed
ITR340-1214	iSwitch+ with LCD - 2 Button Rose Gold Aluminium Matt Brushed
ITR340-1414	iSwitch+ with LCD - 4 Button Rose Gold Aluminium Matt Brushed
ITR340-1814	iSwitch+ with LCD - 8 Button Rose Gold Aluminium Matt Brushed



# KNX System Devices

## KNX Switch Series

### iSwitch+ Series Product Codes & Descriptions

#### iSwitch+ - Jet Black Plastic Series

ITR340-0201	iSwitch+ - 2 Button Jet Black Plastic
ITR340-0401	iSwitch+ - 4 Button Jet Black Plastic
ITR340-0601	iSwitch+ - 6 Button Jet Black Plastic
ITR340-0801	iSwitch+ - 8 Button Jet Black Plastic
ITR340-1201	iSwitch+ with LCD - 2 Button Jet Black Plastic
ITR340-1401	iSwitch+ with LCD - 4 Button Jet Black Plastic
ITR340-1801	iSwitch+ with LCD - 8 Button Jet Black Plastic

#### iSwitch+ - Glossy White Plastic Series

ITR340-0202	iSwitch+ - 2 Button Glossy White Plastic
ITR340-0402	iSwitch+ - 4 Button Glossy White Plastic
ITR340-0602	iSwitch+ - 6 Button Glossy White Plastic
ITR340-0802	iSwitch+ - 8 Button Glossy White Plastic
ITR340-0002	iSwitch+ - 10 Button Glossy White Plastic
ITR340-1202	iSwitch+ with LCD - 2 Button Glossy White Plastic
ITR340-1402	iSwitch+ with LCD - 4 Button Glossy White Plastic
ITR340-1802	iSwitch+ with LCD - 8 Button Glossy White Plastic

#### iSwitch+ - Matt White Plastic Series

ITR340-0203	iSwitch+ - 2 Button Matt White Plastic
ITR340-0403	iSwitch+ - 4 Button Matt White Plastic
ITR340-0603	iSwitch+ - 6 Button Matt White Plastic
ITR340-0803	iSwitch+ - 8 Button Matt White Plastic
ITR340-0003	iSwitch+ - 10 Button Matt White Plastic
ITR340-1203	iSwitch+ with LCD - 2 Button Matt White Plastic
ITR340-1403	iSwitch+ with LCD - 4 Button Matt White Plastic
ITR340-1803	iSwitch+ with LCD - 8 Button Matt White Plastic

#### iSwitch+ - Anthracite Matt Plastic Series

ITR340-0204	iSwitch+ - 2 Button Anthracite Matt Plastic
ITR340-0404	iSwitch+ - 4 Button Anthracite Matt Plastic
ITR340-0604	iSwitch+ - 6 Button Anthracite Matt Plastic
ITR340-0804	iSwitch+ - 8 Button Anthracite Matt Plastic
ITR340-0004	iSwitch+ - 10 Button Anthracite Matt Plastic
ITR340-1204	iSwitch+ with LCD - 2 Button Anthracite Matt Plastic
ITR340-1404	iSwitch+ with LCD - 4 Button Anthracite Matt Plastic
ITR340-1804	iSwitch+ with LCD - 8 Button Anthracite Matt Plastic

#### iSwitch+ - Metallic Gray Plastic Series

ITR340-0205	iSwitch+ - 2 Button Metallic Gray Plastic
ITR340-0405	iSwitch+ - 4 Button Metallic Gray Plastic
ITR340-0605	iSwitch+ - 6 Button Metallic Gray Plastic
ITR340-0805	iSwitch+ - 8 Button Metallic Gray Plastic
ITR340-0005	iSwitch+ - 10 Button Metallic Gray Plastic
ITR340-1205	iSwitch+ with LCD - 2 Button Metallic Gray Plastic
ITR340-1405	iSwitch+ with LCD - 4 Button Metallic Gray Plastic
ITR340-1805	iSwitch+ with LCD - 8 Button Metallic Gray Plastic

# KNX System Devices

## KNX Switch Series

### iSwitch+ Series Product Codes & Descriptions

#### iSwitch+ - Natural Stainless Steel Series

ITR340-0220	iSwitch+ - 2 Button Natural Stainless Steel
ITR340-0420	iSwitch+ - 4 Button Natural Stainless Steel
ITR340-0620	iSwitch+ - 6 Button Natural Stainless Steel
ITR340-0820	iSwitch+ - 8 Button Natural Stainless Steel
ITR340-0020	iSwitch+ - 10 Button Natural Stainless Steel
ITR340-1220	iSwitch+ with LCD - 2 Button Natural Stainless Steel
ITR340-1420	iSwitch+ with LCD - 4 Button Natural Stainless Steel
ITR340-1820	iSwitch+ with LCD - 8 Button Natural Stainless Steel

#### iSwitch+ - Black Plexiglass Series

ITR340-0231	iSwitch - 2 Button Black Plexiglass
ITR340-0431	iSwitch - 4 Button Black Plexiglass
ITR340-0631	iSwitch - 6 Button Black Plexiglass
ITR340-0831	iSwitch - 8 Button Black Plexiglass
ITR340-0031	iSwitch - 10 Button Black Plexiglass
ITR340-1231	iSwitch with LCD - 2 Button Black Plexiglass
ITR340-1431	iSwitch with LCD - 4 Button Black Plexiglass
ITR340-1831	iSwitch with LCD - 8 Button Black Plexiglass



# KNX System Devices

## KNX Switch Series

### iSwitch+ Aqi Series Product Codes & Descriptions

#### iSwitch+ Aqi - Natural Aluminium Series

ITR340-2210	iSwitch+ Aqi - 2 Button Natural Aluminium Matt Brushed
ITR340-2410	iSwitch+ Aqi - 4 Button Natural Aluminium Matt Brushed
ITR340-2610	iSwitch+ Aqi - 6 Button Natural Aluminium Matt Brushed
ITR340-2810	iSwitch+ Aqi - 8 Button Natural Aluminium Matt Brushed
ITR340-2010	iSwitch+ Aqi - 10 Button Natural Aluminium Matt Brushed
ITR340-3210	iSwitch+ Aqi with LCD - 2 Button Natural Aluminium
ITR340-3410	iSwitch+ Aqi with LCD - 4 Button Natural Aluminium Matt Brushed
ITR340-3810	iSwitch+ Aqi with LCD - 8 Button Natural Aluminium Matt Brushed

#### iSwitch+ Aqi - Black Aluminium Series

ITR340-2211	iSwitch+ Aqi - 2 Button Black Aluminium Matt Brushed
ITR340-2411	iSwitch+ Aqi - 4 Button Black Aluminium Matt Brushed
ITR340-2611	iSwitch+ Aqi - 6 Button Black Aluminium Matt Brushed
ITR340-2811	iSwitch+ Aqi - 8 Button Black Aluminium Matt Brushed
ITR340-2011	iSwitch+ Aqi - 10 Button Black Aluminium Matt Brushed
ITR340-3211	iSwitch+ Aqi with LCD - 2 Button Black Aluminium Matt Brushed
ITR340-3411	iSwitch+ Aqi with LCD - 4 Button Black Aluminium Matt Brushed
ITR340-3811	iSwitch+ Aqi with LCD - 8 Button Black Aluminium Matt Brushed

#### iSwitch+ Aqi - Bronze Aluminium Series

ITR340-2212	iSwitch+ Aqi - 2 Button Bronze Aluminium Matt Brushed
ITR340-2412	iSwitch+ Aqi - 4 Button Bronze Aluminium Matt Brushed
ITR340-2612	iSwitch+ Aqi - 6 Button Bronze Aluminium Matt Brushed
ITR340-2812	iSwitch+ Aqi - 8 Button Bronze Aluminium Matt Brushed
ITR340-2012	iSwitch+ Aqi - 10 Button Bronze Aluminium Matt Brushed
ITR340-3212	iSwitch+ Aqi with LCD - 2 Button Bronze Aluminium Matt Brushed
ITR340-3412	iSwitch+ Aqi with LCD - 4 Button Bronze Aluminium Matt Brushed
ITR340-3812	iSwitch+ Aqi with LCD - 8 Button Bronze Aluminium Matt Brushed

#### iSwitch+ Aqi - Gold Aluminium Series

ITR340-2213	iSwitch+ Aqi - 2 Button Gold Aluminium Matt Brushed
ITR340-2413	iSwitch+ Aqi - 4 Button Gold Aluminium Matt Brushed
ITR340-2613	iSwitch+ Aqi - 6 Button Gold Aluminium Matt Brushed
ITR340-2813	iSwitch+ Aqi - 8 Button Gold Aluminium Matt Brushed
ITR340-2013	iSwitch+ Aqi - 10 Button Gold Aluminium Matt Brushed
ITR340-3213	iSwitch+ Aqi with LCD - 2 Button Gold Aluminium Matt Brushed
ITR340-3413	iSwitch+ Aqi with LCD - 4 Button Gold Aluminium Matt Brushed
ITR340-3813	iSwitch+ Aqi with LCD - 8 Button Gold Aluminium Matt Brushed



# KNX System Devices

## KNX Switch Series

### iSwitch+ AQI Series Product Codes & Descriptions

#### iSwitch+ AQI - Midnight Blue Aluminium Series

ITR340-2215	iSwitch+ AQI - 2 Button Midnight Blue Aluminium Matt Brushed
ITR340-2415	iSwitch+ AQI - 4 Button Midnight Blue Aluminium Matt Brushed
ITR340-2615	iSwitch+ AQI - 6 Button Midnight Blue Aluminium Matt Brushed
ITR340-2815	iSwitch+ AQI - 8 Button Midnight Blue Aluminium Matt Brushed
ITR340-2015	iSwitch+ AQI - 10 Button Midnight Blue Aluminium Matt Brushed
ITR340-3215	iSwitch+ AQI with LCD - 2 Button Midnight Blue Aluminium Matt Brushed
ITR340-3415	iSwitch+ AQI with LCD - 4 Button Midnight Blue Aluminium Matt Brushed
ITR340-3815	iSwitch+ AQI with LCD - 8 Button Midnight Blue Aluminium Matt Brushed

#### iSwitch+ AQI - Rose Gold Aluminium Series

ITR340-2214	iSwitch+ AQI - 2 Button Rose Gold Aluminium Matt Brushed
ITR340-2414	iSwitch+ AQI - 4 Button Rose Gold Aluminium Matt Brushed
ITR340-2614	iSwitch+ AQI - 6 Button Rose Gold Aluminium Matt Brushed
ITR340-2814	iSwitch+ AQI - 8 Button Rose Gold Aluminium Matt Brushed
ITR340-2014	iSwitch+ AQI - 10 Button Rose Gold Aluminium Matt Brushed
ITR340-3214	iSwitch+ AQI with LCD - 2 Button Rose Gold Aluminium Matt Brushed
ITR340-3414	iSwitch+ AQI with LCD - 4 Button Rose Gold Aluminium Matt Brushed
ITR340-3814	iSwitch+ AQI with LCD - 8 Button Rose Gold Aluminium Matt Brushed



# KNX System Devices

## KNX Switch Series

### iSwitch+ AQI Series Product Codes & Descriptions

#### iSwitch+ AQI - Jet Black Plastic Series

ITR340-2201	iSwitch+ AQI - 2 Button Jet Black Plastic
ITR340-2401	iSwitch+ AQI - 4 Button Jet Black Plastic
ITR340-2601	iSwitch+ AQI - 6 Button Jet Black Plastic
ITR340-2801	iSwitch+ AQI - 8 Button Jet Black Plastic
ITR340-2001	iSwitch+ AQI - 10 Button Jet Black Plastic
ITR340-3201	iSwitch+ AQI with LCD - 2 Button Jet Black Plastic
ITR340-3401	iSwitch+ AQI with LCD - 4 Button Jet Black Plastic
ITR340-3801	iSwitch+ AQI with LCD - 8 Button Jet Black Plastic

#### iSwitch+ AQI - Glossy White Plastic Series

ITR340-2202	iSwitch+ AQI - 2 Button Glossy White Plastic
ITR340-2402	iSwitch+ AQI - 4 Button Glossy White Plastic
ITR340-2602	iSwitch+ AQI - 6 Button Glossy White Plastic
ITR340-2802	iSwitch+ AQI - 8 Button Glossy White Plastic
ITR340-2002	iSwitch+ AQI - 10 Button Glossy White Plastic
ITR340-3202	iSwitch+ AQI with LCD - 2 Button Glossy White Plastic
ITR340-3402	iSwitch+ AQI with LCD - 4 Button Glossy White Plastic
ITR340-3802	iSwitch+ AQI with LCD - 8 Button Glossy White Plastic

#### iSwitch+ AQI - Matt White Plastic Series

ITR340-2203	iSwitch+ AQI - 2 Button Matt White Plastic
ITR340-2403	iSwitch+ AQI - 4 Button Matt White Plastic
ITR340-2603	iSwitch+ AQI - 6 Button Matt White Plastic
ITR340-2803	iSwitch+ AQI - 8 Button Matt White Plastic
ITR340-2003	iSwitch+ AQI - 10 Button Matt White Plastic
ITR340-3203	iSwitch+ AQI with LCD - 2 Button Matt White Plastic
ITR340-3403	iSwitch+ AQI with LCD - 4 Button Matt White Plastic
ITR340-3803	iSwitch+ AQI with LCD - 8 Button Matt White Plastic

#### iSwitch+ AQI - Anthracite Matt Plastic Series

ITR340-2204	iSwitch+ AQI - 2 Button Anthracite Matt Plastic
ITR340-2404	iSwitch+ AQI - 4 Button Anthracite Matt Plastic
ITR340-2604	iSwitch+ AQI - 6 Button Anthracite Matt Plastic
ITR340-2804	iSwitch+ AQI - 8 Button Anthracite Matt Plastic
ITR340-2004	iSwitch+ AQI - 10 Button Anthracite Matt Plastic
ITR340-3204	iSwitch AQI with LCD - 2 Button Anthracite Matt Plastic
ITR340-3404	iSwitch AQI with LCD - 4 Button Anthracite Matt Plastic
ITR340-3804	iSwitch AQI with LCD - 8 Button Anthracite Matt Plastic

#### iSwitch+ AQI - Metallic Gray Plastic Series

ITR340-2205	iSwitch+ AQI - 2 Button Metallic Gray Plastic
ITR340-2405	iSwitch+ AQI - 4 Button Metallic Gray Plastic
ITR340-2605	iSwitch+ AQI - 6 Button Metallic Gray Plastic
ITR340-2805	iSwitch+ AQI - 8 Button Metallic Gray Plastic
ITR340-2005	iSwitch+ AQI - 10 Button Metallic Gray Plastic
ITR340-3205	iSwitch+ AQI with LCD - 2 Button Metallic Gray Plastic
ITR340-3405	iSwitch+ AQI with LCD - 4 Button Metallic Gray Plastic
ITR340-3805	iSwitch+ AQI with LCD - 8 Button Metallic Gray Plastic

# KNX System Devices

## KNX Switch Series

### iSwitch+ AQI Series Product Codes & Descriptions

#### iSwitch+ AQI - Natural Stainless Steel Series

ITR340-2220	iSwitch+ AQI - 2 Button Natural Stainless Steel
ITR340-2420	iSwitch+ AQI - 4 Button Natural Stainless Steel
ITR340-2620	iSwitch+ AQI - 6 Button Natural Stainless Steel
ITR340-2820	iSwitch+ AQI - 8 Button Natural Stainless Steel
ITR340-2020	iSwitch+ AQI - 10 Button Natural Stainless Steel
ITR340-3220	iSwitch+ AQI with LCD - 2 Button Natural Stainless Steel
ITR340-3420	iSwitch+ AQI with LCD - 4 Button Natural Stainless Steel
ITR340-3820	iSwitch+ AQI with LCD - 8 Button Natural Stainless Steel

#### iSwitch+ AQI - Black Plexiglass Series

ITR340-2231	iSwitch AQI - 2 Button Black Plexiglass
ITR340-2431	iSwitch AQI - 4 Button Black Plexiglass
ITR340-2631	iSwitch AQI - 6 Button Black Plexiglass
ITR340-2831	iSwitch AQI - 8 Button Black Plexiglass
ITR340-2031	iSwitch AQI - 10 Button Black Plexiglass
ITR340-3231	iSwitch AQI with LCD - 2 Button Black Plexiglass
ITR340-3431	iSwitch AQI with LCD - 4 Button Black Plexiglass
ITR340-3831	iSwitch AQI with LCD - 8 Button Black Plexiglass



# KNX System Devices

## KNX Actuators

### KNX 0-10 V Fan Coil Actuator

NEW

#### Effortless Climate Control

##### 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 Fan Coil Actuator

Product Code	Dimensions (H×W×D)	Notes
ITR507-4290	72 x 90 x 64 mm	Requires professional KNX installation.





# KNX System Devices

## KNX Actuators

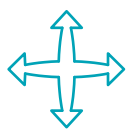
### KNX Combo Actuator



### One Device, Multiple Solutions

Interra KNX Combo Switch Actuators are versatile control devices that allow a variety of configurations such as lighting control, AC & DC motor control, or fan coil controls. They are intended to cover each automation requirement in a smart building for safe and efficient operations to guarantee increased comfort and versatility in residential and commercial applications.

KNX communication enables information exchanges with KNX sensors, KNX Switches, or input devices and the integration with a building management system. Also, the manual control of the outputs is possible through the push buttons on the device. Combo actuators are fed from the KNX bus and configuration of the device is possible via ETS.



#### Versatile Control

One device for all needs. Interra Combo Switch Actuators are versatile control devices that allow a variety of configurations such as lighting control, AC & DC motor control, or fan coil controls.



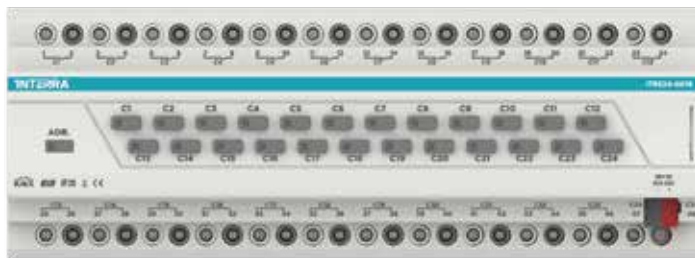
#### Cost Efficiency

Thanks to its versatile control options, Combo Actuators provide cost efficiency for your projects by using only one device for all your on/off output needs to control lighting, motors, or fan coil systems.



#### Wide Options

Combo Actuators have wide output options from 4 channels up to 24 channels which provides a lot of advantages on cost, and space-saving by using the right fit that suits your needs.



Lighting



AC Motor



DC Motor



Fan Coil 2 Pipes



Fan Coil 4 Pipes

# KNX System Devices

## KNX Actuators

### KNX Combo Actuator Series



#### Interra KNX Combo Actuator - 4 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR504-0016	105 x 90 x 64 mm	Requires professional KNX installation.

#### Technical Details

Current Consumption: Max. 20 mA

Output Current: 16 A @250 V AC



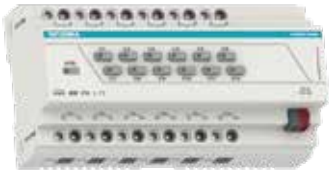
#### Interra KNX Combo Actuator - 8 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR508-0016	105 x 90 x 64 mm	Requires professional KNX installation.

#### Technical Details

Current Consumption: Max. 20 mA

Output Current: 16 A @250 V AC



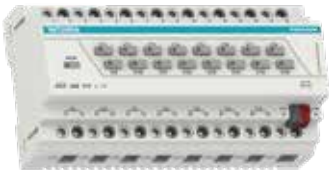
#### Interra KNX Combo Actuator - 12 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR512-0016	171 x 90 x 64 mm	Requires professional KNX installation.

#### Technical Details

Current Consumption: Max. 20 mA

Output Current: 16 A @250 V AC



#### Interra KNX Combo Actuator - 16 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR516-0016	171 x 90 x 64 mm	Requires professional KNX installation.

#### Technical Details

Current Consumption: Max. 20 mA

Output Current: 16 A @250 V AC



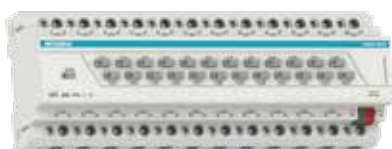
#### Interra KNX Combo Actuator - 20 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR520-0016	246 x 90 x 64 mm	Requires professional KNX installation.

#### Technical Details

Current Consumption: Max. 20 mA

Output Current: 16 A @250 V AC



#### Interra KNX Combo Actuator - 24 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR524-0016	246 x 90 x 64 mm	Requires professional KNX installation.

#### Technical Details

Current Consumption: Max. 20 mA

Output Current: 16 A @250 V AC

# KNX System Devices

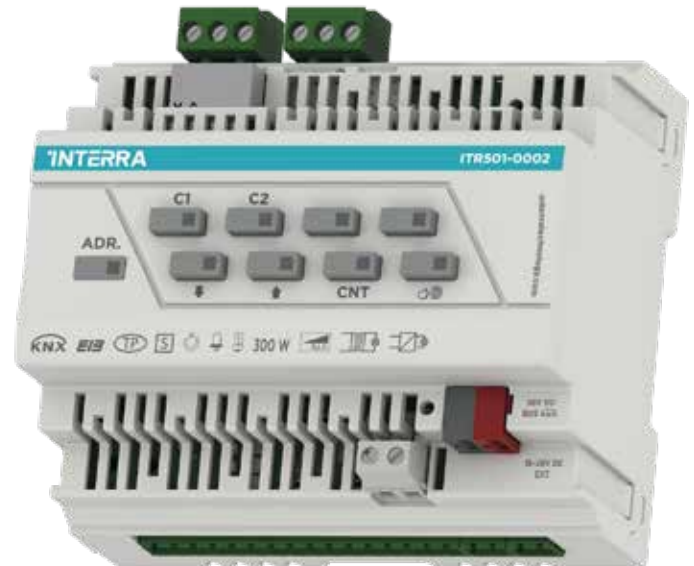
## KNX Actuators

### KNX Universal Dimmer Actuators

#### Switch to calming ambiance

Interra dimmers allow you to create a calm, peaceful and romantic atmosphere in your home with the perfect lighting.

Interra Universal Dimming Actuators have 4 different types of options as standard dimmer and dimmer with inputs. 2 channels can generate 300W and 4 channels can generate 250W of output power from each channel and drive R, L, and C loads. It has temperature protection, short circuit protection, error notification with channel LEDs, load presence detection, and load type detection. It is possible to program the device without 230 V supply voltage.



#### Main Features

- Automatic load recognition by ETS configurations
- RGB LED status indicator for each channel
- Manual control over the device
- Dividing the dim curve into 5 zones and adjusting the dimming speed of each zone separately
- Ability to use analog inputs with resistive sensors
- Ability to work with 3-phase systems with separate phases and neutral connections for each channel
- Using digital inputs for channel control or sending telegrams to KNX bus
- Ability to control dimmable LED retrofit lamps and dimmable compact fluorescent lamps, incandescent lamps, low voltage, and high voltage halogen lamps,



# KNX System Devices

## KNX Actuators

### KNX Universal Dimmer Actuators Series



#### KNX Universal Dimmer Actuator - 2 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR501-0002	105 x 90 x 64 mm	Requires professional KNX installation.

#### Technical Details

Operating Voltage: 230 V AC ±10%	Dimming Output Per Channel : 300W
Operating Frequency: 50 Hz	Supported Load Types: R,L,C Loads
Ferromagnetic Transformer: 250VA	Automatic Load Type Detection
Electronic Transformer: 300VA	Inputs: None



#### KNX Universal Dimmer Actuator - 2 Channel w/8 Digital, 2 Analog Inputs

Product Code	Dimensions (W×H×D)	Notes
ITR501-0012	105 x 90 x 64 mm	Requires professional KNX installation.

#### Technical Details

Operating Voltage: 230 V AC ±10%	Dimming Output Per Channel : 300W
Operating Frequency: 50 Hz	Supported Load Types: R,L,C Loads
Ferromagnetic Transformer: 250VA	Automatic Load Type Detection
Electronic Transformer: 300VA	Inputs: 8 Digital + 2 Analog



#### KNX Universal Dimmer Actuator - 4 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR501-0004	105 x 90 x 64 mm	Requires professional KNX installation.

#### Technical Details

Operating Voltage: 230 V AC ±10%	Dimming Output Per Channel : 250W
Operating Frequency: 50 Hz	Supported Load Types: R,L,C Loads
Ferromagnetic Transformer: 200VA	Automatic Load Type Detection
Electronic Transformer: 250VA	Inputs: None



#### KNX Universal Dimmer Actuator - 4 Channel w/8 Digital, 2 Analog Inputs

Product Code	Dimensions (W×H×D)	Notes
ITR501-0014	105 x 90 x 64 mm	Requires professional KNX installation.

#### Technical Details

Operating Voltage: 230 V AC ±10%	Dimming Output Per Channel : 250W
Operating Frequency: 50 Hz	Supported Load Types: R,L,C Loads
Ferromagnetic Transformer: 200VA	Automatic Load Type Detection
Electronic Transformer: 250VA	Inputs: 8 Digital + 2 Analog



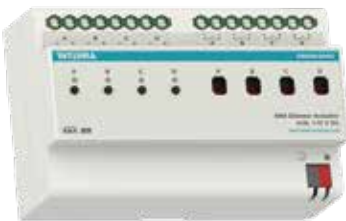
# KNX System Devices

## KNX Actuators

## KNX Ballast Controllers

### Interra KNX Ballast Controller - 4 Ch (0/1-10V DC)

Interra 4 Channel KNX Ballast Controller supports 0-10V and 1-10V dimming per channel. It has embedded switching relays for 23 ECG/18W, 14 ECG/36W, 11 ECG/58W, or 23 ECG-T5/24W. Each channel offers control voltage up to 23 electronic control gears. It adopts screw terminals to achieve electrical connection; the connection to the EIB/KNX bus is established via a bus connecting terminal. There is no additional voltage input.



### Interra KNX Ballast Controller - 4 Channel 16A (0/1-10V DC)

Product Code	Dimensions (W×H×D)	Notes
ITR500-0003	144 x 90 x 66 mm	For fluorescent lamp, max. current: 10 A/250 V

#### Technical Details

**Output Voltage:** 100 mA @ 1-10 V DC  
**Output Switch Current:** 16A / 250 V AC

### Interra KNX Ballast Controller - 6 Ch (0/1-10V DC)

Interra 6 Channel KNX Ballast Controller supports 0-10V, 1-10V, and 2-10V dimming per channel. Outputs are equipped with a 10A relay for on / off controls and the buttons can provide manual control on switching and dimming. Control types include both input and output, so, absorbing and output ballast types can be connected to this module.



### Interra KNX Ballast Controller - 6 Channel 10A (0/1-10V DC)

Product Code	Dimensions (W×H×D)	Notes
ITR500-0001	144 x 90 x 66 mm	Requires professional KNX installation.

#### Technical Details

**Dimming Output:** 24 mA @ 0-10 V DC  
**Channel Current:** 10 A @ 220-250 V AC

# KNX System Devices

## KNX Input Modules

### KNX 6 Ch Binary / Analog Input Modul - 6 Thermostat

#### Seamless Integration, Infinite Control

KNX Binary / Analog Input is used to interface the contacts to KNX bus substructure such as push buttons, switches etc. to make them communicating devices. The thermostat feature can be utilized with an internal or external temperature.

#### Main Functions:

The complete configuration of the device is performed via ETS5 or higher. Depending on ETS configuration and settings, the product feature will be different. Available functions are:



#### Input Functions:

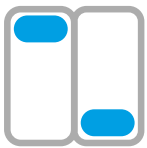
- Switch Sensor
- Switch / Dimming Sensor
- Shutter Sensor
- Value / Forced Operation
- Control Scene
- RGB Colour Control
- RGBW Control
- Mode Selection
- Command Sequence

#### Logic Functions:

- Internal Inputs (max. 6)
- External Inputs
  - Binary Value (adj. size) (max. 3 selectable)
  - Movement
  - Temperature
  - Brightness

#### Output Types (max.5 selectable)

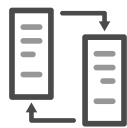
- Switch
- Dim
- Shutter
- Alarm
- Sequence
- Scene Number
- String
- Threshold



Switching & Toggle



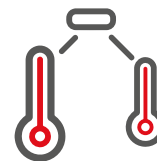
Shutter / Blind Control



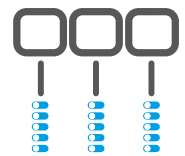
Value Operation



Dimming & 2 Channel Mode



Thermostat Control



Logic Blocks



#### 6 Ch Binary / Analog Input Module - 6 Thermostat

Product Code	Dimensions (W×H×D)	Notes
ITR106-0011	40 x 10 x 40 mm	Requires professional KNX installation.



#### NTC Temperature Probe

Product Code	Cable Length	Cable Cross Section
HM001718	1,5m	24AWG

# KNX System Devices

## KNX Input Modules



### \*KNX Input Module - 12 Ch Binary / Analog – with Thermostat

	Product Code	Dimensions (W×H×D)	Notes
	ITR112-0000	90 x 36 x 71 mm	With 2 Thermostat, 2 Analog 10 Digital Input or 12 Digital. Requires professional KNX installation.
Coming soon	ITR112-0002	90 x 36 x 71 mm	With 2 Thermostat, 2 Analog 10 Digital Input Requires professional KNX installation
Coming soon	ITR112-0004	90 x 36 x 71 mm	With 4 Thermostat, 4 Analog 8 Digital Input Requires professional KNX installation.
Coming soon	ITR112-0006	90 x 36 x 71 mm	With 6 Thermostat, 6 Analog 6 Digital Input Requires professional KNX installation.

\*It must be used with the NTC Temperature Probe accessory on page 49



### KNX Binary Input - 2 Channel

	Product Code	Dimensions (W×H×D)	Notes
	ITR102-0010	40 x 10 x 40 mm	Requires professional KNX installation.



### KNX Binary Input - 4 Channel

	Product Code	Dimensions (W×H×D)	Notes
	ITR104-0010	40 x 10 x 40 mm	Requires professional KNX installation.



### KNX Binary Input - 6 Channel

	Product Code	Dimensions (W×H×D)	Notes
	ITR106-0010	40 x 10 x 40 mm	Requires professional KNX installation.



### KNX Binary Input - 8 Channel

	Product Code	Dimensions (W×H×D)	Notes
	ITR108-0010	40 x 10 x 40 mm	Advanced Logic Functions & Binary Output & Led Control



### Push Button Interface (AU Version) - 4 Channel

	Product Code	Dimensions (W×H×D)	Notes
	ITR5031-AU4	40 x 10 x 40 mm	Requires professional KNX installation.

# KNX System Devices

## KNX System Components

### KNX Power Supply Series



#### Interra KNX Power Supply 160 mA Aux. Voltage 30V DC

Product Code	Dimensions (W×H×D)	Notes
ITR900-0116	70 x 90 x 66 mm	Requires professional KNX installation.

#### Technical Details

Power Consumption (Max): 21 W	Nominal Current (Total): 160 mA
Power Consumption (Typical): 6.6 W	Nominal Voltage: 30V DC



#### Interra KNX Power Supply 320 mA Aux. Voltage 30V DC

Product Code	Dimensions (W×H×D)	Notes
ITR900-0132	70 x 90 x 66 mm	Requires professional KNX installation.

#### Technical Details

Power Consumption (Max): 30 W	Nominal Current (Total): 320 mA
Power Consumption (Typical): 12.5 W	Nominal Voltage: 30V DC



#### Interra KNX Power Supply 640 mA Aux. Voltage 30V DC

Product Code	Dimensions (W×H×D)	Notes
ITR900-0164	70 x 90 x 66 mm	Requires professional KNX installation.

#### Technical Details

Power Consumption (Max): 55 W	Nominal Current (Total): 640 mA
Power Consumption (Typical): 24 W	Nominal Voltage: 30V DC



#### Interra KNX Multi-Power Supply 160 mA + 12V DC

Product Code	Dimensions (W×H×D)	Notes
ITR911-0016	70 x 90 x 66 mm	Requires professional KNX installation.

#### Technical Details

Power Consumption (Max): 41.8 W	Nominal Current (Total): 160 mA / 1.67A
Power Consumption (Typical): 31.3 W	Nominal Voltage: 30V / 12V DC



# KNX System Devices

## KNX System Components

### Other KNX System Components



#### Interra KNX - IP Router Secure

Product Code	Dimensions (W×H×D)	Notes
ITR901-1001	90 x 36 x 71 mm	Requires professional KNX installation.



#### Interra KNX - IP Router

Product Code	Dimensions (W×H×D)	Notes
ITR902-0001	90 x 36 x 71 mm	Requires professional KNX installation.



#### Interra KNX - IP Interface

Product Code	Dimensions (W×H×D)	Notes
ITR902-0004	90 x 36 x 71 mm	Requires professional KNX installation.



#### Interra KNX Line Coupler

Product Code	Dimensions (W×H×D)	Notes
ITR901-0002	90 x 36 x 71 mm	Requires professional KNX installation.



#### Interra KNX - USB Interface

Product Code	Dimensions (W×H×D)	Notes
ITR901-0003	90 x 36 x 71 mm	Requires professional KNX installation.

# KNX System Devices

## KNX Multi Sensor Series

### KNX Indoor Multi Microwave Sensor

#### Precision Sensing, Adaptive Logic, and Seamless Integration for Optimal Environment Control

KNX Indoor Multi Microwave Sensor includes built-in LUX sensor, microwave sensor, temperature sensor, dry contact and universal switch, which can meet different requirements according to different logics.

#### Main Functions:

- Ceiling Mounted
- 2 Logical Relationships: OR, AND.
- 24 logic blocks (True/False Logic)
- Microwave Sensitivity Range: 1-100
- Trigger Delay Time: 0 - 3600s
- Universal switch number range in logic: 201 - 248
- Safety Function
- Online Update



#### KNX Indoor Multi Microwave Sensor

Product Code	Dimensions (Ø x H)	Notes
ITR415-0006	70 × 41,8 mm	Requires professional KNX installation.



# KNX System Devices

## KNX Multi Sensor Series

### KNX Multi Air Quality Sensor

#### Clean Air, Smart Living

##### Main Functions:

- Humidity, VOC, CO<sub>2</sub>, pressure and temperature detection
- 5 output objects can be controlled with 5 logical function blocks.
- 2 digital and 1 analog input for external device connection.
- You can control switches, dimming, curtain/blinds, scenario, RGB color and HVAC mode selection with the buttons connected to the inputs.
- Ambient temperature value can be sent to the KNX bus line with the internal sensor, analog input or KNX temperature sensor to monitor the room temperature at the time of change and periodically.



#### KNX Multi Air Quality Sensor

Product Code	Dimensions (Ø x H)	Notes
ITR404-1010	70 × 41,8 mm	Requires professional KNX installation.



We  
**shape** the  
smart world  
of **the future**





# KNX System Devices

## KNX Multi Sensor Series

### KNX Multi Sensor & Detectors

A unique combination of safety, efficiency, and comfort with the thinnest design in its class. With the new Interra KNX Multi Sensor series, functions like energy and lighting management, heating, and air conditioning in indoor spaces can be integrated into building automation systems in an innovative and reliable way.

Interra KNX Multi Presence & Motion Sensors are multi-functional devices suitable for indoor usage with multiple-range detection capability from 11m to 48m and 2 color options.



#### KNX Multi Motion Sensors

**Technology:** Passive Infrared  
**Installation:** Indoor  
**Mounting Height:** 4 m - 15 m  
**Current Consumption:** 5 mA  
**Brightness Detection:** 1-1200 lux  
**Inputs:** 2 Digital & 1 Analog Input  
**Max. Air Humidity:** % 90 RH  
**Pollution Degree:** 2  
**Flush Mount Protection Type:** IP 20  
**Surface Mount Protection Type:** IP 44

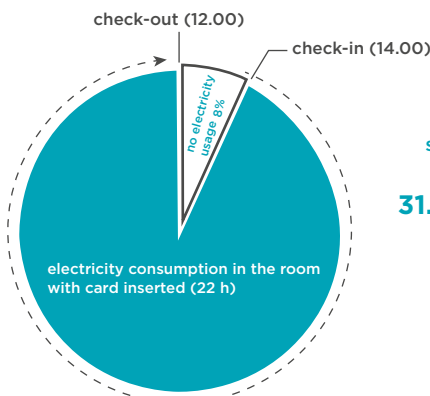
#### KNX Multi Presence Sensors

**Technology:** Passive Infrared  
**Installation:** Indoor  
**Mounting Height:** 2.5 m - 4 m  
**Current Consumption:** 5 mA  
**Brightness Detection:** 1-1200 lux  
**Inputs:** 2 Digital & 1 Analog Input  
**Max. Air Humidity:** % 90 RH  
**Pollution Degree:** 2  
**Flush Mount Protection Type:** IP 20  
**Surface Mount Protection Type:** IP 44

### Energy Saving Solution



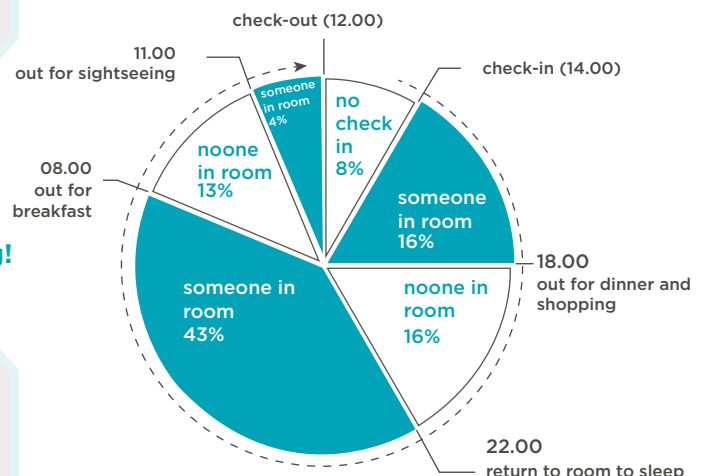
Traditional key card holder switch



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%**

# KNX System Devices

## KNX Multi Sensor Series

### KNX Multi Sensor & Detectors

Interra KNX Multi 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



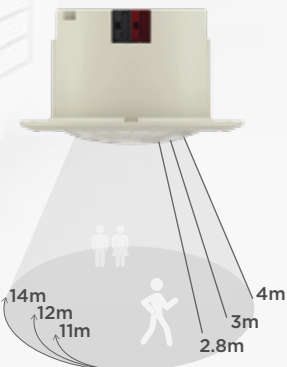
GRMS Communication



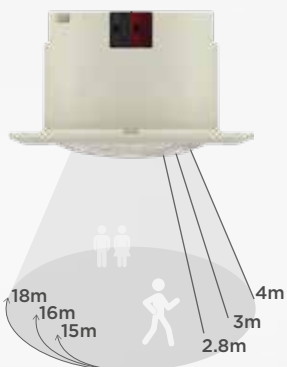
Daylight Sensing



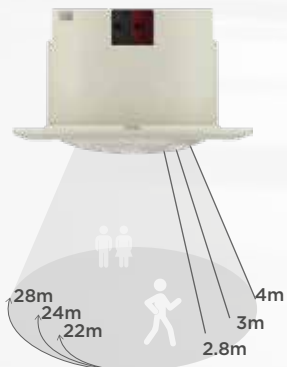
**KNX Multi Mid-Range Presence Sensor**



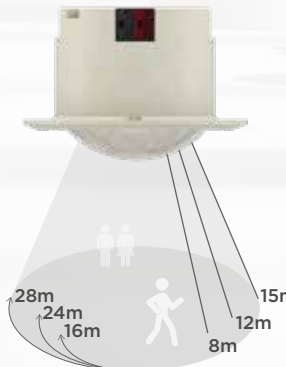
**KNX Multi Mid-Range+ Presence Sensor**



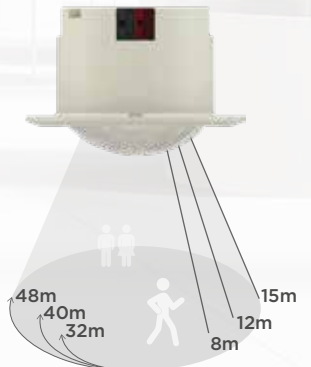
**KNX Multi Wide-Range Presence Sensor**



**KNX Multi High-Bay Motion Sensor**



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



# KNX System Devices

## KNX Multi Sensor Series

### KNX Multi Presence Sensors



#### KNX Multi Mid-Range Presence Sensor - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-0001	70 × 41,8 mm	Requires professional KNX installation.



#### KNX Multi Mid-Range+Presence Sensor - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-0002	70 × 41,8 mm	Requires professional KNX installation.



#### KNX Multi Wide-Range Presence Sensor - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-0003	70 × 41,8 mm	Requires professional KNX installation.



#### KNX Multi Mid-Range Presence Sensor w/ Thermostat - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-0011	70 × 41,8 mm	Requires professional KNX installation.



#### KNX Multi Mid-Range+Presence Sensor w/ Thermostat - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-0012	70 × 41,8 mm	Requires professional KNX installation.



#### KNX Multi Wide-Range Presence Sensor w/ Thermostat - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-0013	70 × 41,8 mm	Requires professional KNX installation.

# KNX System Devices

## KNX Multi Sensor Series

### KNX Multi Presence Sensors



#### KNX Multi Mid-Range Presence Sensor w/ Thermostat - Black

Product Code	Dimensions (Φ x H)	Notes
ITR415-0111	70 × 41,8 mm	Requires professional KNX installation.



#### KNX Multi Mid-Range+Presence Sensor w/ Thermostat - Black

Product Code	Dimensions (Φ x H)	Notes
ITR415-0112	70 × 41,8 mm	Requires professional KNX installation.



#### KNX Multi Wide-Range Presence Sensor w/ Thermostat - Black

Product Code	Dimensions (Φ x H)	Notes
ITR415-0113	70 × 41,8 mm	Requires professional KNX installation.





# KNX System Devices

## KNX Multi Sensor Series

### KNX Multi Motion Sensors



#### KNX Multi High-Bay Motion Sensor - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-0004	70 × 48 mm	Requires professional KNX installation.



#### KNX Multi High-Bay+Motion Sensor - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-0005	70 × 48 mm	Requires professional KNX installation.



#### KNX Multi High-Bay Motion Sensor w/ Thermostat - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-0014	70 × 48 mm	Requires professional KNX installation.



#### KNX Multi High-Bay+Motion Sensor w/ Thermostat - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-0015	70 × 48 mm	Requires professional KNX installation.



#### KNX Multi High-Bay Motion Sensor w/ Thermostat - Black

Product Code	Dimensions (Φ x H)	Notes
ITR415-0114	70 × 48 mm	Requires professional KNX installation.



#### KNX Multi High-Bay+Motion Sensor w/ Thermostat - Black

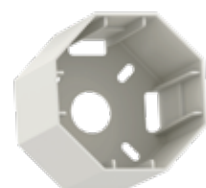
Product Code	Dimensions (Φ x H)	Notes
ITR415-0115	70 × 48 mm	Requires professional KNX installation.



#### Outdoor KNX Movable Motion Sensor

Product Code	Dimensions (Φ x H)	Notes
ITR410-0003	Wall Mount: 150x84x90 Ceiling Mount: 166x111x90	Programmed via the most current ETS software.

### Surface Mounted Cases for Presence & Motion Sensors



#### Surface Mounted Case - White

Product Code	Dimensions (Φ x H)	Notes
ITR415-9004	70 × 41,8 mm	Suitable for both motion and presence sensors.



#### Surface Mounted Case - Black

Product Code	Dimensions (Φ x H)	Notes
ITR415-9904	70 × 41,8 mm	Suitable for both motion and presence sensors.

# KNX System Devices

## KNX Multi Sensor Series

### KNX Detectors

#### KNX Water Flood Detectors



##### KNX Water Flood Detector - White

Product Code	Dimensions (W×H×D)	Notes
ITR401-0001	55 x 88.1 x 21.6 mm	Requires professional KNX installation.



##### KNX Water Flood Detector - Anthracite

Product Code	Dimensions (Φ x H)	Notes
ITR401-0002	55 x 88.1 x 21.6 mm	Requires professional KNX installation.

#### KNX Heat and Smoke Detector



##### KNX Heat and Smoke Detector - White

Product Code	Dimensions (Φ x H)	Notes
ITR403-1001	99 x 49 mm	For ceiling mounting 166x111x90 mm



A Clean  
Breathe,  
**Worth  
Everything.**



# KNX System Devices

## Interra KNX Weather Station GPS



It takes into account the compass direction of the sun and the shade of the trees.



The slats of the blind adjusted according to the height of the sun.



It takes into account the shadow cast by the roof overhang and knows the shadow edge.



Let your  
**home**  
decide  
everything  
**for you!**

### Extra intelligence for your home

Interra Weather Station lets your smart home system know the external weather situations such as brightness and location of the sun, wind, rain, and temperature to determine the building management processes as you wish. According to all this information, your home can control itself by deciding the level of the blinds, jalousies, or lights. Even it may open the windows before running the HVAC system if the weather is too hot inside or it may close the awnings in strong winds or may close the skylights and fanlights when the rain starts.



#### Interra KNX Weather Station GPS - White

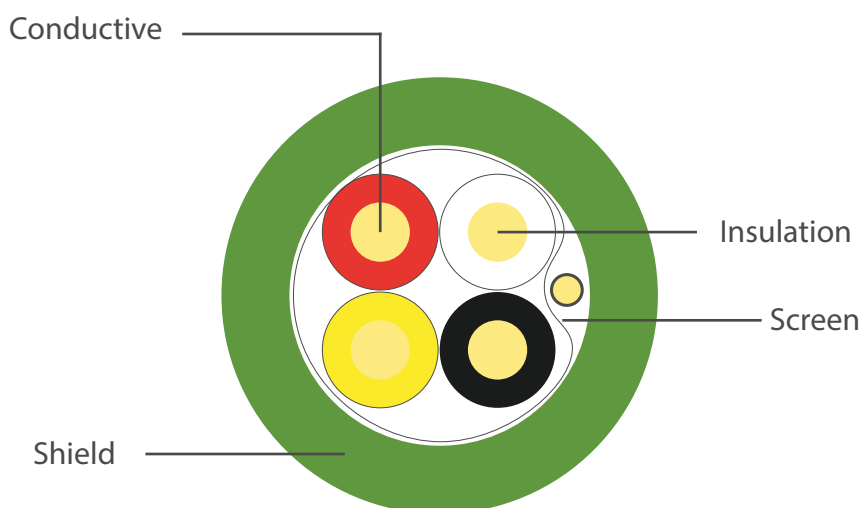
Product Code	Dimensions (W×H×D)	Notes
ITR402-0001	96 x 77 x 118 mm	Requires professional KNX installation.



# KNX System Devices

## KNX BUS Cable

### Cable Structure



### Technical Specifications

Temperature Range: -20 °C ... +70 °C

Bending Radius: min. 10 x D

Cycle Resistance: max. 73,2 Ω/km

Insulation Resistance: min. 100 MΩ x km

Capacitance: nom. 100 nF/km

Capacity Imbalance: max. 300pF/100m

Test Voltage: 800 V

Operating Voltage: max. 300 V

### Electrolytic Copper Wire

HFFR conforms to DIN VDE 0815  
isolated color coding  
70°C EN 50290-2-26

Pet tape min. 100% coverage  
Tinned copper wire, ground wire  
Al-Pet tape min. 100% coverage

HFFR - RAL6018 Green  
70°C, EN 50290-2-27

### Area of use

As EIB instabus communication cable in smart building systems is used. The cable, which has a static screen, protects against electromagnetic radiation from the environment.

Protected against magnetic interference. In indoor fixed installations, Heating, cooling and ventilation in dry or humid places, lighting ma, motorized curtain blinds, audio video, CCTV, fire detection, security, intercom systems, automatic, central or remote In KNX compatible home and building electronic systems that provide control (HBES) is used.



### KNX Cable

Product Code	Cable Length
HM002271	100m
HM002272	500m

**Standards:** DIN VDE 0815

### Fire Performance

Vertical flame spread: EN 60332-1-2

Corrosive Gas: EN 60754-1/2

Smoke Density: EN 61034-2

# KNX Gateways

## KNX / AC Gateways

### Reliable Integration for ACs

In recent years, with substantial growth rates, Interra has managed to be one of the most popular KNX-based home automation brands globally. In 2020, Interra started its first attempt to integrate air conditioning units into the KNX to increase the energy efficiency and capabilities of smart buildings. Thanks to Interra's collaboration with air conditioning manufacturers to ensure to keep the right compatibility with their AC units, Interra succeeded to create reliable and trusted KNX gateway units for major international brands.



## Unique HVAC Solutions for KNX Professionals



### Bi-directional Communication

Interra KNX / AC Gateways provide complete bi-directional integration of air conditioners with KNX bus. Get or send information to the AC units to control and monitor them from the KNX bus.



### Trusted by KNX Professionals

Interra is one of the most popular KNX brands in the world and is trusted by more than 430 KNX integrators only in 2021. Interra sold more than 200.000 units of actively used KNX / AC Gateways.



### Optimal Energy Efficiency

HVAC systems are the biggest part of the energy costs in buildings. Interra AC Gateway units provide smart scenarios and special modes for your needs to keep your energy usage at optimal levels.



### Approved Reliability

Interra AC Gateways are developed with the collaboration of manufacturers to ensure to keep the right compatibility with their AC units. Interra has special agreements with some AC manufacturers where they are the exclusive distributors of Interra AC / KNX Gateways in their regions.



### More features by KNX

- Mobile Control
- Energy Consumption & Savings
- Air Quality Monitoring\*
- Personalized / Timer Scenarios
- Energy Monitoring



### Easy to Setup

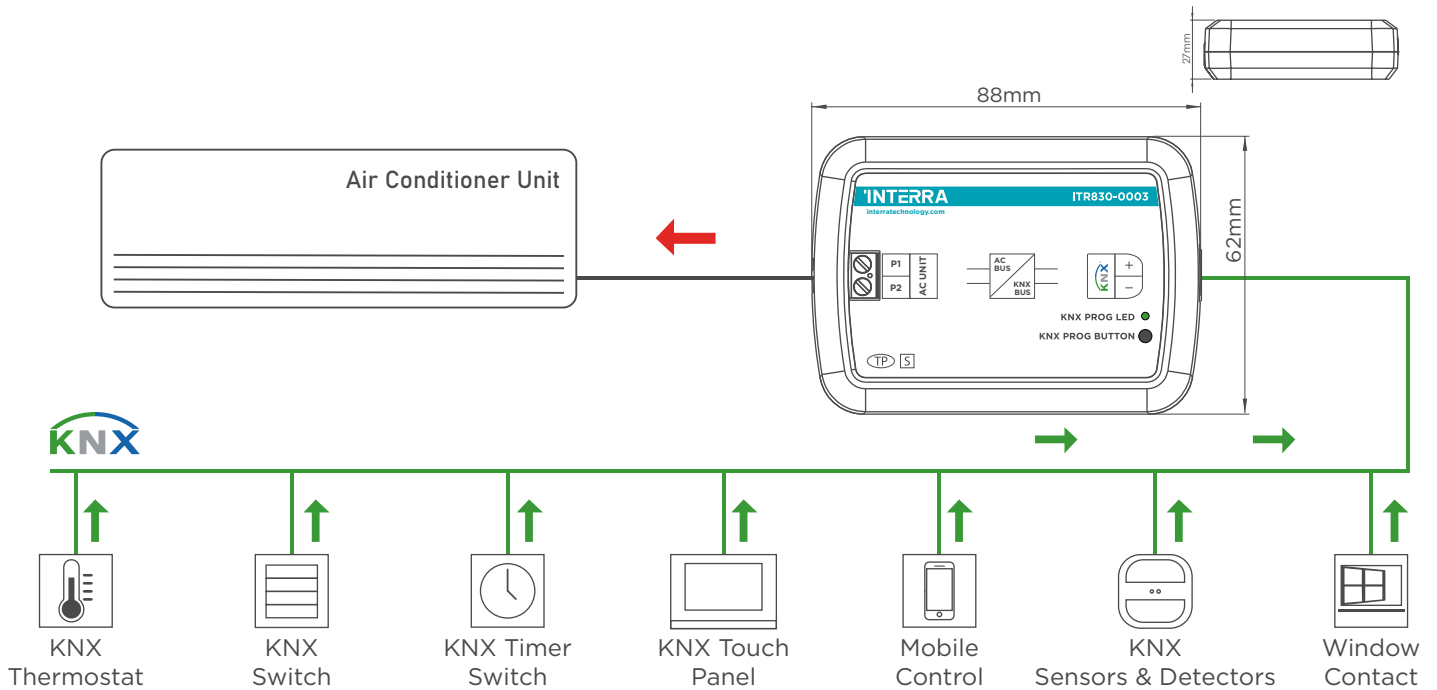
With Interra AC / KNX Gateways' minimalistic design, it is very easy to implement, hide and connect to any air conditioner unit.

# KNX Gateways

## KNX / AC Gateways

### Energy-saver and Comfortable Scenarios

Interra AC / KNX Gateways have a very easy installation and can be installed into the AC indoor unit or a proper location away from the air conditioners. Its one side is connected directly to the electronic circuit of the AC indoor unit and on the other side directly to the KNX bus. It allows you to create energy-saver and comfortable scenarios.



# KNX Gateways

## KNX / AC Gateways

### KNX / AC Gateways Series



#### Mitsubishi Electric AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-1001	88 x 62 x 27 mm	Requires professional KNX installation.

\*It must be used with the NTC Temperature Probe accessory on page 49



#### Daikin Split AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0002	88 x 62 x 27 mm	Requires professional KNX installation.



#### Daikin Sky & VRV AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0003	88 x 62 x 27 mm	Requires professional KNX installation.



#### Samsung AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0501	88 x 62 x 27 mm	Requires professional KNX installation.



#### LG AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0006	88 x 62 x 27 mm	Requires professional KNX installation.



#### Arçelik AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0007	88 x 62 x 27 mm	Requires professional KNX installation.



#### Viessman VRF - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0008	88 x 62 x 27 mm	Requires professional KNX installation.



# KNX Gateways

## KNX / AC Gateways

### KNX / AC Gateways Series



#### Gree VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0009	88 x 62 x 27 mm	Requires professional KNX installation.



#### Vaillant VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0010	88 x 62 x 27 mm	Requires professional KNX installation.



#### Demirdokum VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0011	88 x 62 x 27 mm	Requires professional KNX installation.



#### Gree Multi Split AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0012	88 x 62 x 27 mm	Requires professional KNX installation.



#### Midea VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0013	88 x 62 x 27 mm	Requires professional KNX installation.



#### Toshiba VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0014	88 x 62 x 27 mm	Requires professional KNX installation.



#### Mitsubishi Heavy - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0004	88 x 62 x 27 mm	Requires professional KNX installation.

# KNX Gateways

## KNX / AC Gateways

### KNX / AC Gateways Series



#### Viessmann Split AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0015	88 x 62 x 27 mm	Requires professional KNX installation.



#### Bosch VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0016	88 x 62 x 27 mm	Requires professional KNX installation.



#### Vestel - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0017	88 x 62 x 27 mm	Requires professional KNX installation.



#### Alarko VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0018	88 x 62 x 27 mm	Requires professional KNX installation.



#### Carrier VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0019	88 x 62 x 27 mm	Requires professional KNX installation.



#### Systemair VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0120	88 x 62 x 27 mm	Requires professional KNX installation.

# KNX Gateways

## KNX / AC Gateways

### KNX / AC Gateways Series



#### York VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0301	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-0304	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-0308	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-0316	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1301	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1304	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1308	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1316	88 x 62 x 27 mm	Requires professional KNX installation.



#### Haier ABC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0101	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-0104	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-0108	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-0116	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1101	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1104	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1108	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1116	88 x 62 x 27 mm	Requires professional KNX installation.



#### Viessmann ABC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0201	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-0204	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-0208	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-0216	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1201	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1204	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1208	88 x 62 x 27 mm	Requires professional KNX installation.
ITR830-1216	88 x 62 x 27 mm	Requires professional KNX installation.

\*It must be used with the NTC Temperature Probe accessory on page 49

# KNX Gateways

## KNX / DALI Gateways

### A unique lighting atmosphere with maximum flexibility!

In addition to KNX building automation, DALI (Digital Addressable Lighting Interface) has become the most important lighting protocol in today's building management systems. With the Interra KNX / DALI Gateways, which support 1x64 and 2x64 channels, we bring together two of the world's most important building automation standards.

DALI devices (ballasts, etc. ECGs) connected to the line are fed with the internal DALI power supply, and up to 2x64 DALI ballasts can be supported. With each DALI channel, 16 groups, 16 scenarios, and 64 devices can be controlled.

In addition, independent emergency lighting according to EN 62386-202 is supported and emergency lighting tests (e.g. function and time test) can be triggered via the KNX line. Each DALI device can be controlled individually, in a group, or broadcast control.



#### 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.





## All Benefits of DALI Technology on KNX

Combined Lighting Control and Emergency Lighting Functions

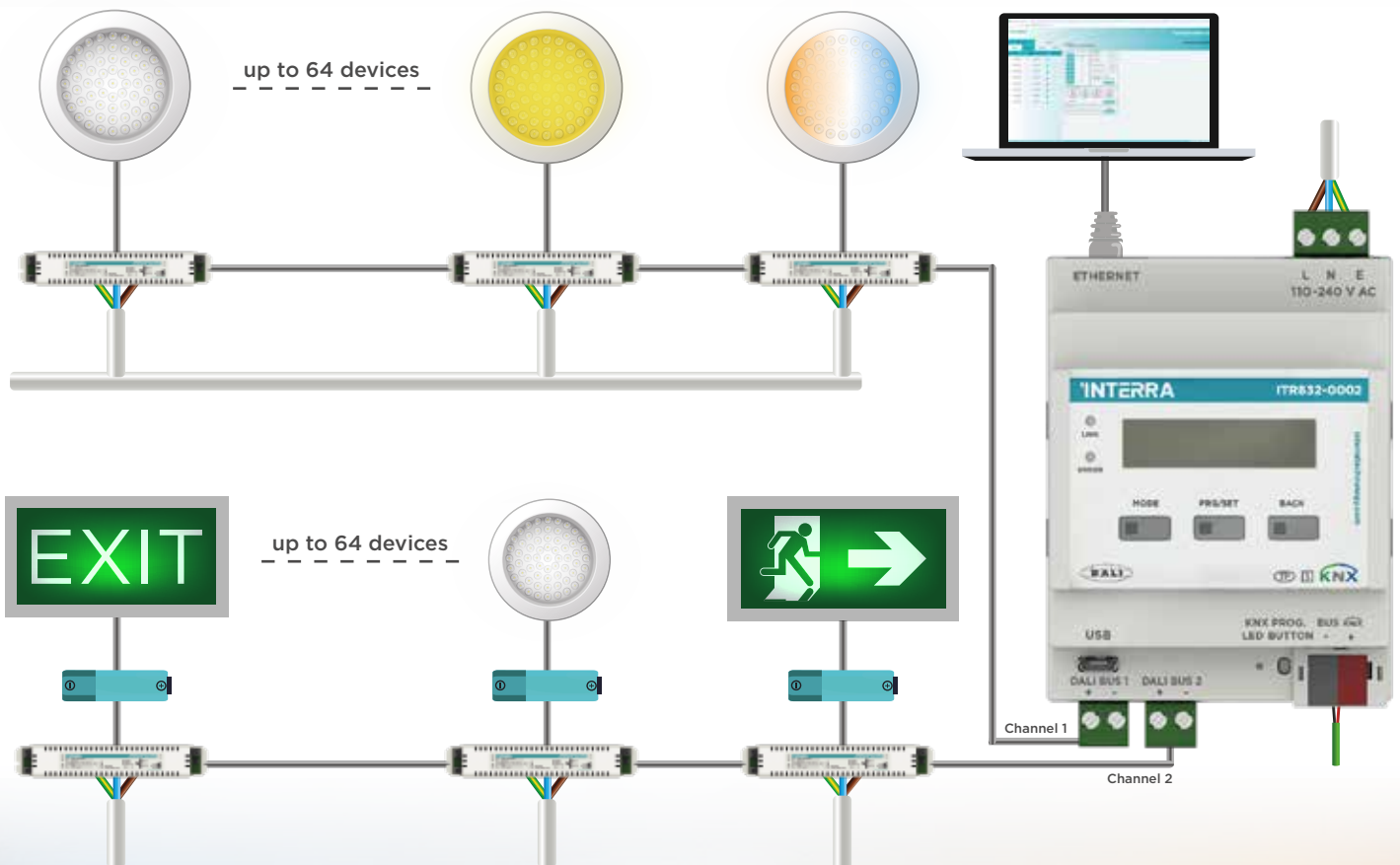
Flexible Lighting Experience with Lighting Groups

Individual Lighting Control

Improved Energy Efficiency with Constant Lighting Control



## General Connection Diagram



# KNX Gateways

## KNX / DALI Gateways

### KNX / DALI Gateway Series



#### Interra KNX - DALI Gateway w/ Ethernet (1x64 DALI)

Product Code	Dimensions (W×H×D)	Notes
ITR832-0001	70 x 90 x 64.5 mm	Requires professional KNX installation.

#### Technical Details

KNX Line Current Con.: 13 mA	Power Consumption: 6 W
DALI Line Current Con.: 1 x 250 mA	DALI Voltage: Typical 19 V DC



#### Interra KNX - DALI Gateway w/ Ethernet (2x64 DALI)

Product Code	Dimensions (W×H×D)	Notes
ITR832-0002	70 x 90 x 64.5 mm	Requires professional KNX installation.

#### Technical Details

KNX Line Current Con.: 13 mA	Power Consumption: 13 W
DALI Line Current Con.: 1 x 250 mA	DALI Voltage: Typical 19 V DC



#### Interra KNX / DALI Gateway (1x64 DALI)

Product Code	Dimensions (W×H×D)	Notes
ITR832-0011	70 x 90 x 64.5 mm	Requires professional KNX installation.

#### Technical Details

KNX Line Current Con.: 13 mA	Power Consumption: 6 W
DALI Line Current Con.: 1 x 250 mA	DALI Voltage: Typical 19 V DC



#### Interra KNX / DALI Gateway (2x64 DALI)

Product Code	Dimensions (W×H×D)	Notes
ITR832-0012	70 x 90 x 64.5 mm	Requires professional KNX installation.

#### Technical Details

KNX Line Current Con.: 13 mA	Power Consumption: 13 W
DALI Line Current Con.: 1 x 250 mA	DALI Voltage: Typical 19 V DC

# KNX Gateways

## KNX / DMX Gateway

- 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
- Storage and playback of up to 24 programs, maximum recording time: 4 hours
- The DMX recorder mode supports switching and dimming of up to 48 channels, i.e. control of the DMX device via the KNX system.
- DMX to EIB conversion mode supports switching and absolute dimming via DMX signal for up to 48 channels, i.e. control of the KNX system via the DMX memory control function.



### Interra KNX / DMX Gateway

Product Code	Dimensions (W×H×D)	Notes
ITR831-0001	90 x 72 x 66 mm	Requires professional KNX installation.

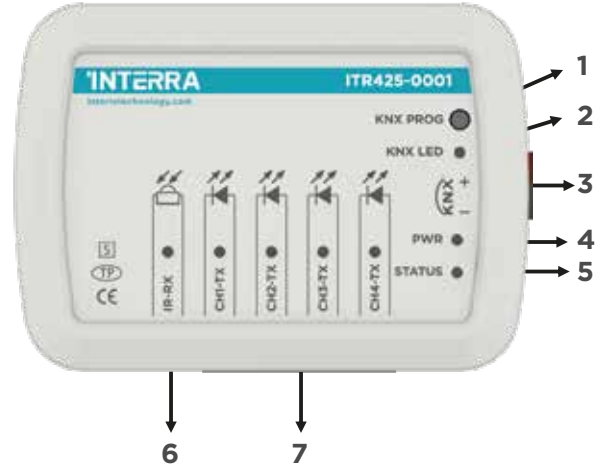


# KNX Gateways

## KNX - IR Gateway

### Your Ultimate Infrared Solution

Interra KNX-IR Gateway is a multifunctional IR signal transmitter. It allows you to manage all infrared electronic devices such as TV, DVD, air conditioner. There are five different modes in total: single mode, repeat mode, sequential mode, climate control and current sensing. Interra IR Transmitter has a maximum of 150 universal IR codes and 81 AC IR codes. It has 4 spreading interfaces: A, B, C, D. Interra IR Gateway is produced in accordance with the EU standard in terms of EMC and electrical safety compatibility.



The prominent features of the KNX IR Gateway are the followings:

- The universal IR codes control AC, TV, DVD and other devices which can be controlled by IR.
- KNX Gateway can work between KNX to IR and IR to KNX.
- After learned, obtained and downloaded the infrared codes through “Infrared Learning Page” of device in the ETS database, 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 multichannel.
- **Repeat mode:** System emits one universal IR code several times repeatedly and the emitting channel is one channel and multichannel. Automatic switching between operating modes via the weekly program.
- **Sequence mode:** System emits several universal IR codes sequent at one time.

- 1) KNX Programming Button
- 2) KNX LED
- 3) KNX Bus Connector
- 4) Power LED
- 5) Status LED
- 6) IR-RX LED
- 7) Channel X-TX LEDs



### KNX - IR Gateway

Product Code	Dimensions (W×H×D)	Notes
ITR425-0001	88 x 62 x 27 mm	Requires professional KNX installation.

### IR Receiver Accessories



Product Code	Lenght
HM00204	1 Meter
HM00206	5 Meter
HM00208	10 Meter

### IR Transmitter Accessories



Product Code	Lenght
HM00203	1 Meter
HM00205	5 Meter
HM00207	10 Meter



# KNX Gateways

## KNX / RF Media Coupler

KNX/RF Media Couplers play a vital role in extending the capabilities and flexibility of KNX installations by bridging the gap between wired and wireless KNX devices. With their seamless integration, compatibility, and ease of installation, media couplers empower users to create versatile and scalable automation solutions tailored to their specific requirements.

A KNX/RF Media Coupler serves as a crucial component within KNX systems, facilitating seamless communication between KNX lines operating on different media types, specifically KNX twisted pair (TP) and KNX radio frequency (RF). This coupling capability is essential for integrating wireless RF devices into KNX installations or extending the reach of KNX systems beyond the limitations of wired connections.

NEW



### KNX RF / TP Coupler 673.1 secure

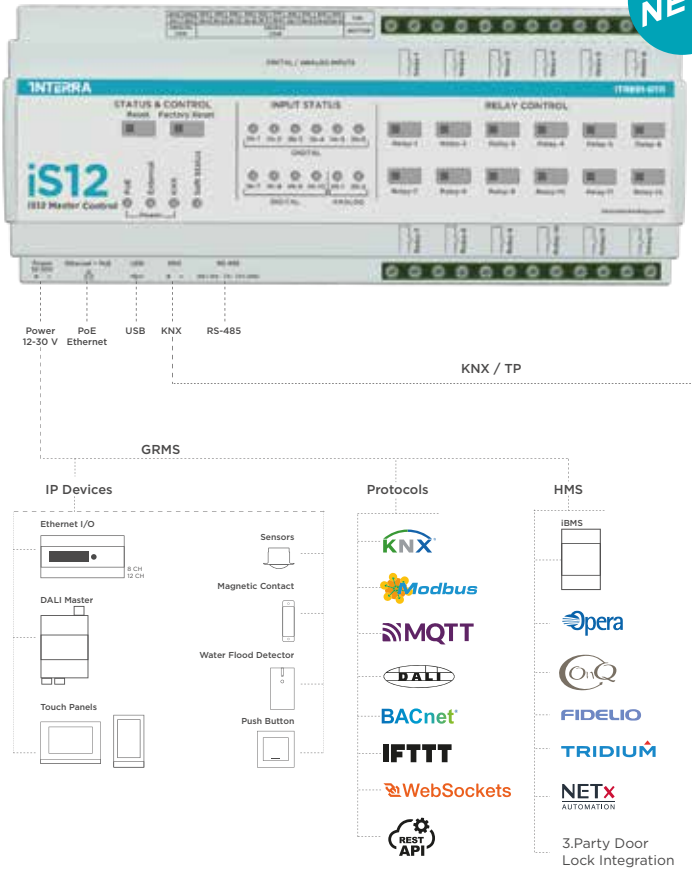
Product Code	Dimensions (W×H×D)	Notes
ITR750-0002	48 x 40 x 18 mm	Standart flash mounted. Built-in antenna. KNX programming LED.

- Designed to bridge communication between KNX RF (Radio Frequency) and KNX TP (Twisted Pair) networks.
- It acts as a bridge between wireless RF devices, such as sensors and actuators, and wired TP devices, ensuring smooth data transmission and synchronization across both networks.
- Installation is quick and straightforward, with plug-and-play functionality that eliminates the need for complex wiring or configuration.
- Simply connect the media coupler to the KNX TP bus and configure the RF network parameters using KNX programming software, such as ETS5 and ETS6.
- It has a standard compact flush mounted housing and transparent ABS and including internal antenna.

# Building Automation Servers

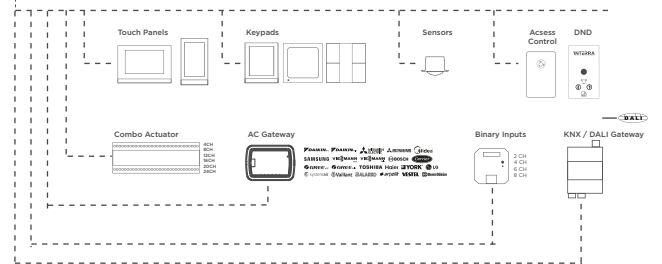
## iS12 Master Control

**NEW**



### Intelligent and Infinite Control: Redefining Building Automation

- 12 Inputs/Outputs
  - 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.
  - KNX, Modbus, MQTT, DALI, BACnet, IFTTT, WebSocket Door Lock, Reset API, EIO
  - Dynamic interface control
  - Communicate directly with BMS
  - Cloud secure mobile control
  - Logic based programming
- a single point with Interra products. Enhance the comfort of your life with scenarios you can create through our solutions.



### 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



DND / MUR Sensor



Door Bell Sensor



Lighting Control



Blinds Control



HVAC Control



Curtain Control



Door / Locks Control



Smart TV Control



Speakers Control



Combi Systems Control



Elevator Control



#### iS12 Master Control

Product Code	Dimensions (W×H×D)	Notes
ITR891-XXXX	212 x 90 x 59 mm	Requires professional KNX installation.

# Building Automation Servers

## iS1 Server



### Seamlessly Connect, Control, and Customize

Interra iS1 Server operates flawlessly with power supplies ranging from 12 to 30 volts or through the convenience of Power over Ethernet (PoE), offering unparalleled flexibility.

Moreover, the iS1 Server facilitates seamless interaction with KNX devices, enhancing interoperability within your network. Supporting a multitude of protocols including KNX, Modbus, MQTT, DALI, BACnet, IFTT, WebSocket, DOOR IOCK, Reset API, and EIO, it ensures compatibility across various systems.

Dynamic interface control capabilities enable effortless adaptation to evolving requirements, while direct communication with Building Management Systems (BMS) streamlines management and control processes. With cloud-secure mobile control, users can access and manage their systems securely from anywhere, ensuring convenience and peace of mind.



#### iS1 Server

Product Code	Dimensions (W×H×D)	Notes
ITR890-XXXX	105 x 91 x 58,5 mm	Requires professional KNX installation.



# Building Automation Servers

## Make It Smarter with Interra Servers

Interra has a big range of smart home servers to improve comfort and manage and monitor living spaces easily. Smart building servers are the heart of a smart building that can create complex logic, monitors everything going on, and manages the whole building from a central place and report it to you. Interra servers offer extra features for smart buildings from IP control to SIP management.





# Building Automation Servers



## iS1 Server

Product Code	Dimensions (W×H×D)	Notes
ITR890-0010	105 x 92 x 58,5 mm	iS1 Server w/ KNX
ITR890-0011	105 x 92 x 58,5 mm	iS1 Server w/ KNX and RS485
ITR890-0110	105 x 92 x 58,5 mm	iS1 Server w/ PoE and KNX
ITR890-0111	105 x 92 x 58,5 mm	iS1 Server w/ PoE, KNX and RS485



## iS12 Master Control

Product Code	Dimensions (W×H×D)	Notes
ITR891-0010	211 x 90 x 59 mm	iS12 Master Control w/ KNX
ITR891-0011	211 x 90 x 59 mm	iS12 Master Control w/ KNX and RS485
ITR891-0110	211 x 90 x 59 mm	iS12 Master Control w/ PoE and KNX
ITR891-0111	211 x 90 x 59 mm	iS12 Master Control w/ PoE, KNX and RS485



## Interra SIP Server

Product Code	Dimensions (W×H×D)	Notes
ITR810-0001	170 x 65 x 90 mm	Requires professional software installation.



## Interra iNode Logic Server

Product Code	Dimensions (W×H×D)	Notes
ITR870-1001	170 x 65 x 90 mm	Requires professional software installation.



## Interra Concierge Server

Product Code	Dimensions (W×H×D)	Notes
ITR820-0001	170 x 65 x 90 mm	Requires professional software installation.



## Interra Elevator Control Server (KNX TP)

Product Code	Dimensions (W×H×D)	Notes
ITR860-0002	170 x 65 x 90 mm	Requires professional software installation.

# Building Automation Servers

## iNode Logic Server



Creating complex logic scenarios is easier than ever with iNode Logic Server.

Interra iNode Logic Server is designed to communicate between devices that are using different protocols and send telegrams/data to Building Management Systems (BMS). With iNode Logic Server, flexible and complex control configurations and scenarios can be created between different protocols. Its Node-based dynamic drag-and-drop editor enables configuring nodes, flows, and dashboards to control the automation system.

- ✓ Supports up to 10.000 different data points
- ✓ Strengthened with 3 outputs and 3 inputs
- ✓ Configuration by its embedded web interface
- ✓ Customizable User Interface (Dashboard)
- ✓ Comes with ready-to-use nodes

### Node Based Dynamic Logic Server



#### Drag & Drop Editor

Event Based Programming  
Node Based Logic Editor  
Functional Programming Support

### Direct Protocol Communication



### Direct BMS Integration



### 3rd Party Integrations



### Interra iNode Logic Servers

Product Code	Dimensions (W×H×D)	Notes
ITR870-1001	88 x 62 x 27 mm	KNX TP & TCP/IP Version
ITR870-0001	88 x 62 x 27 mm	TCP/IP Version

# Building Automation Servers

## iBMS Hotel GRMS and BMS

Interra iBMS Logic Server acts as cross-standard gateway, cloud service integrator, complex network logic engine, easy-to create visualization platform, IP Router and much more. Further, It supports iOS Siri and Google Voice control via native apps available in App Store and Google Play.

Interra iBMS Logic Server is your most straightforward way to program complex logic in KNX/EIB, Modbus, BACnet, and networks. It will enable you to efficiently customize building automation processes, quickly delivering unlimited flexibility benefits to end users in a cost-effective way.

iBMS is an embedded platform with integrated Ethernet, USB, KNX/EIB, and Serial interfaces. It allows us to use it as a cross-standard gateway, logic engine, visualization platform, and IP Router. Scripting templates provide a user-friendly, flexible configuration interface and integration with cloud/web services, 3rd party devices.



Applying custom scripts, iBMS can simultaneously act as a thermostat, security panel, lighting controller, etc. iBMS application store and external app development possibility allow to extend device functionality and adjust to a specific market segment.

### Supported Integrations

#### Direct Protocol Communication



#### Direct BMS Integration

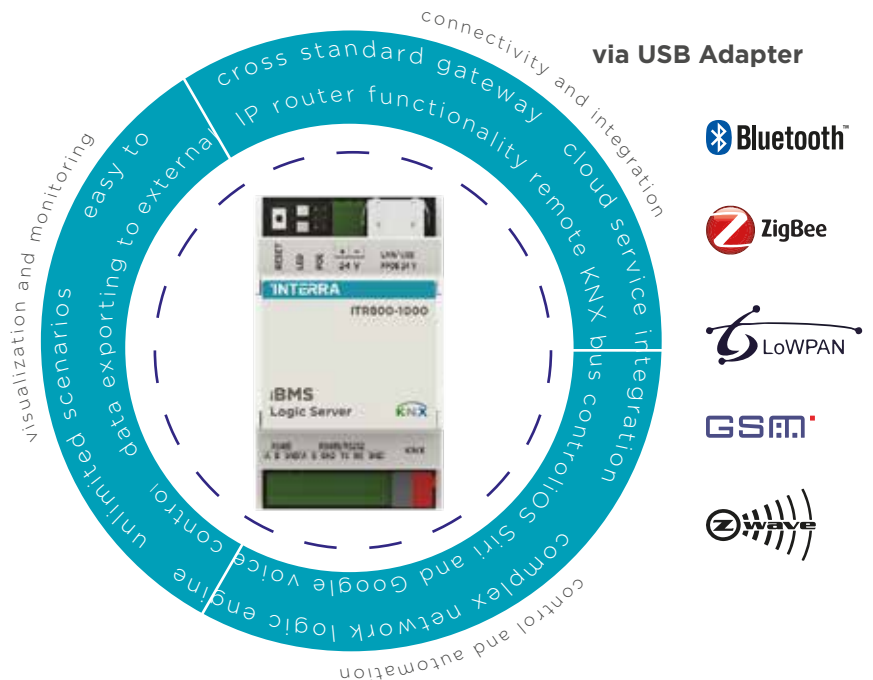


#### 3rd Party Integrations

##### Hotel Software



##### Door Connections



### Interra iBMS Logic Server

Product Code	Dimensions (W×H×D)	Notes
ITR800-1000	54 x 90 x 61 mm	Requires professional software installation.

# KNX - RF System Solutions

KNX-RF System Solutions, designed to redefine wireless automation in modern installation environments. Harnessing the power of KNX RF (Radio Frequency), our solutions offer unparalleled flexibility and efficiency for a wide range of applications.

### The Power of KNX RF:

KNX RF is the wireless variant of the KNX standard, ideal for environments where traditional wiring is impractical or impossible. This makes it the perfect choice for modern installation scenarios, such as glass walls or other areas where wiring may be challenging.

### Seamless Integration with ETS 5:

With INTERRA's KNX-RF System Solutions, configuring KNX RF devices is as professional and straightforward as configuring KNX TP (Twisted Pair) devices. Thanks to advancements in ETS 5, the configuration process for both KNX RF and KNX TP devices is identical, eliminating the need for separate setups or specialized knowledge.

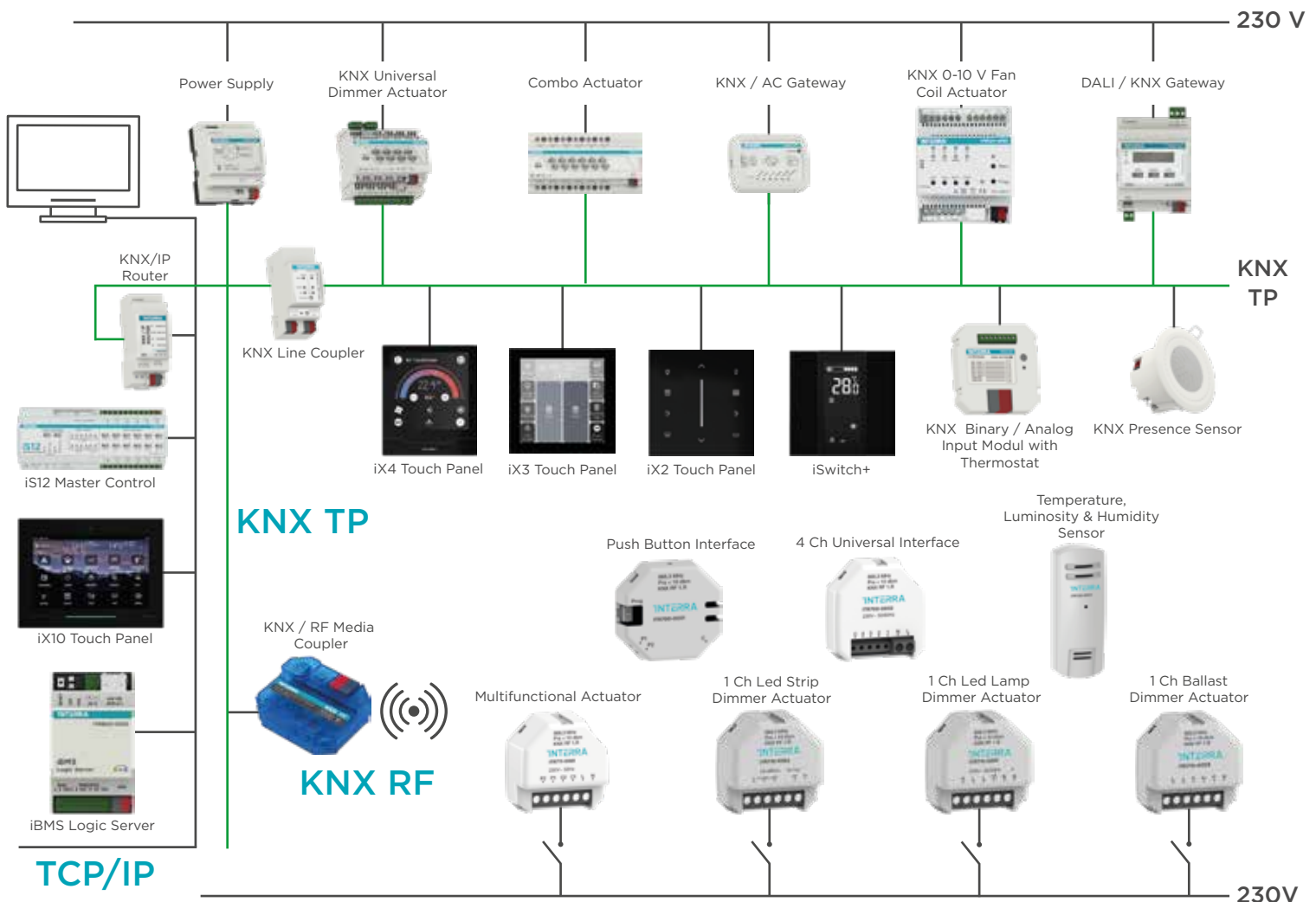
### Unified Configuration Process:

Gone are the days of navigating through different parameters or addressing schemes for KNX RF and KNX TP devices. With INTERRA's KNX-RF System Solutions, the configuration process is unified and streamlined, ensuring consistency and ease of use across all devices.

### Enhanced Addressing with Domain Addresses:

One unique feature of KNX RF is the addition of domain addresses, automatically generated by the ETS. This further enhances the flexibility and scalability of our KNX-RF System Solutions, allowing for seamless integration into complex automation environments.

Experience the future of wireless automation with INTERRA's KNX-RF System Solutions. Transform your space with unparalleled flexibility, efficiency, and ease of use.





# KNX - RF System Solutions

## KNX - RF System Solutions



### ITR700-0001 KNX RF 2 Channel Push Button Interface

Interra KNX RF 2 Channel Push Button Interface is a 2 pushbutton input wireless KNX RF S-Mode transmitter with a built-in temperature sensor. It detects the status changes at its inputs and sends telegrams according to ETS configuration. In addition, it also allows the measurement of the temperature and the management of temperature alarms. Each of the 2 inputs can be parameterized individually through the ETS.



### ITR700-0002 KNX RF 4 Channel Universal Interface

Interra KNX RF 4-Channel Universal Interface, which can be individually parameterized, can be used as analog or binary inputs. It incorporates up to 4 independent Thermostats for the control of Heating and/or Cooling of 4 different zones. It is a perfect solution for use in conventional installations without placing KNX bus cables. Communication with the KNX Bus must be carried out using a KNX RF S-Mode media coupler. Interra KNX RF 4 Channel Universal Interface detects the status changes at its inputs and sends telegrams according to ETS configuration. In addition, it also allows the measurement of the temperature and the management of temperature alarms.



### ITR710-0001 KNX RF 1 Channel Led Lamp Dimmer Actuator

Interra KNX RF S-Mode Wireless 1 Channel Led Lamp Dimmer Actuator is used for dimmable LEDs, incandescent, and halogen lamps. It allows switching on, switching off, and dimming the lamps. It is a perfect solution for use in conventional installations without placing KNX bus cables with its bi-directional KNX RF communication functionality. It is also used to extend the distance between devices.



### ITR710-0002 KNX RF 1 Channel Led Strip Dimmer Actuator

Interra KNX RF S-Mode Wireless 1 Channel Led Strip Dimmer Actuator is used for single-color low voltage LED strips. It allows switching on, switching off, and dimming the LED strips. It is a perfect solution for use in conventional installations without placing KNX bus cables with its bi-directional KNX RF communication functionality.

# KNX - RF System Solutions

## KNX - RF System Solutions



### ITR710-0003 KNX RF 1 Channel 110 V DC Ballast Dimmer Actuator

Interra one-channel KNX RF S-Mode Wireless Dimming Actuator is used for 1/10VDC Drivers or Ballasts, with LED or Fluorescence lighting. It is a perfect solution for use in conventional installations without placing KNX bus cables with its bi-directional KNX RF communication functionality. It can control up to a maximum of 100 equipments.



### ITR711-0001 KNX RF 2 Channel Switch or 1 Channel Blind Actuator

Interra Multifunctional Actuator can work as 2 Channel switch actuator or 1 Channel Blind/Shutter actuator. It has 2 inputs for the conventional pushbutton, which can be configured independently, through the ETS such as switching, blind/shutter control, scenes, or value sending. This device is a perfect solution for use in conventional installations without placing KNX bus cables with its bi-directional KNX RF communication functionality.



### ITR720-0001 KNX RF Temperature, Luminosity & Humidity Sensor

Interra KNX RF Wireless Temperature, Luminosity, or Relative Humidity sensor S-Mode is a perfect solution for use in conventional installations without placing KNX bus cables. Communication with the KNX Bus must be carried out using a KNX / KNX RF S-Mode media coupler.



### ITR750-0002 KNX RF/TP Media Coupler 673.1 secure

It is designed to bridge communication between KNX RF (Radio Frequency) and KNX TP (Twisted Pair) networks. It acts as a bridge between wireless RF devices, such as sensors and actuators, and wired TP devices, ensuring smooth data transmission and synchronization across both networks. Simply connect the media coupler to the KNX TP bus and configure the RF network parameters using KNX programming software, such as ETS5 and ETS6. It has a standard compact flush mounted housing and transparent ABS and including internal antenna.



### ITR755-0002 KNX RF USB Interface stick

It is a handy device that lets you wirelessly connect your PC or laptop to a KNX installation. It is perfect for tasks like addressing, programming, or diagnostics using ETS5 software or higher. The USB stick communicates with the KNX system through wireless signals, eliminating the need for cables without a need of extra software on your PC.

# KNX Hotel Modules

## KNX DND / MUR Modules Series



### Interra KNX DND Module - Plexiglass

Product Code	Dimensions (W×H×D)	Notes
ITR630-0003	103 x 179 x 33 mm	Customizable logo, font, and up to 3 icons.



### Interra KNX DND Module - Glass

Product Code	Dimensions (W×H×D)	Notes
ITR630-0005	103 x 179 x 33 mm	Customizable logo, font, and up to 3 icons.



### DND Flush Mounting Box

Product Code	Dimensions (W×H×D×Φ)	Notes
ITR165-9004	145 x 50 x 96 x 72 mm	Standard 2 Gang Hollow Wall Box.



# 'INTERRA

## Your Complete Solution Partner for Smart Building Systems

At Interra, we pride ourselves on being your trusted partner for smart building solutions. As a 100% project solution provider, we offer comprehensive turnkey solutions for smart building systems, tailored to meet your specific needs and requirements.



### Project Consultation and Design



### Installation and Commissioning



### Training and Support

Helpdesk online support e-mail :[help@interra.com.tr](mailto:help@interra.com.tr)

## Why Choose Interra?

// **Expertise:** With years of experience in the industry, Interra has the knowledge and expertise to deliver high-quality smart building solutions that exceed expectations.

**Custom Solution:** We understand that every project is unique. That's why offer customized solutions tailored to your specific needs, ensuring optimal performance and functionality.

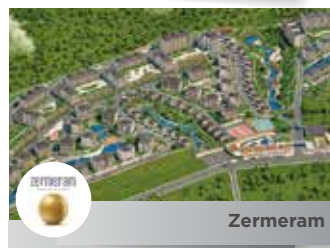
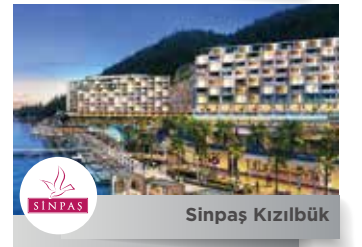
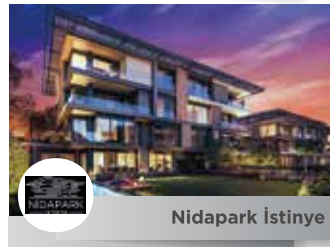
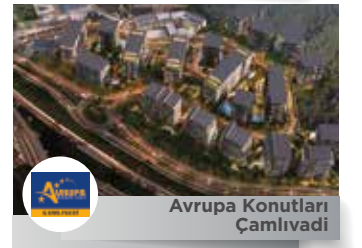
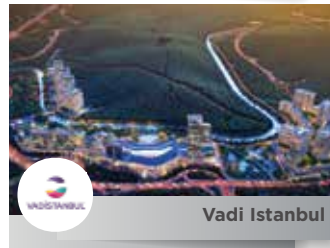
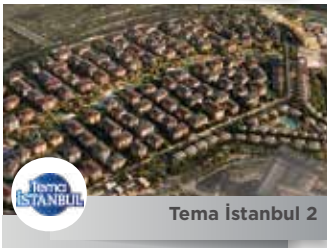
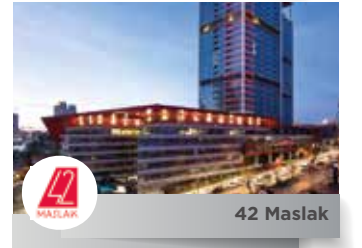
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# Residential References

More than 2500 residence references globally.



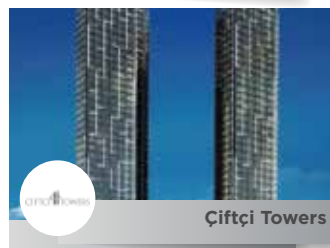
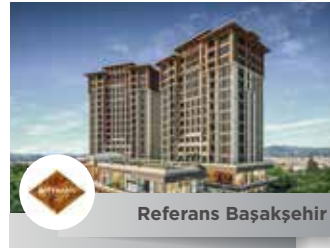
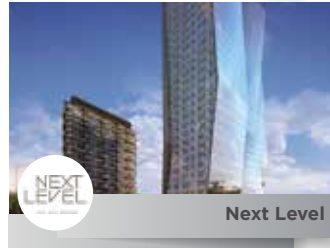
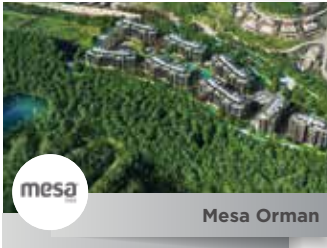
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# Residential References

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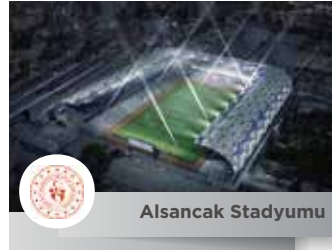
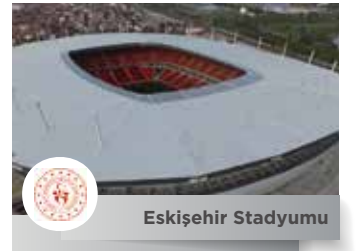
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# Commercial References

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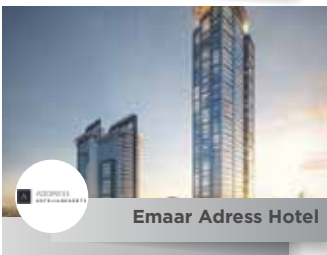
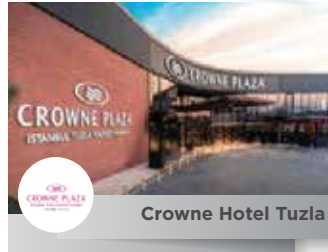
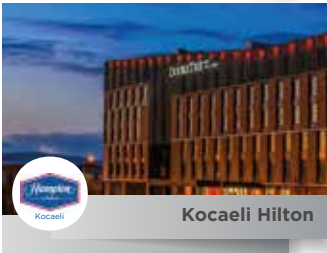
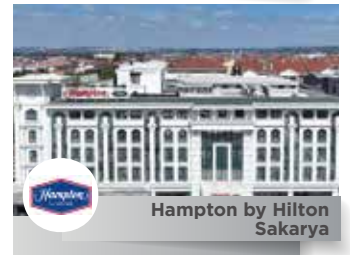
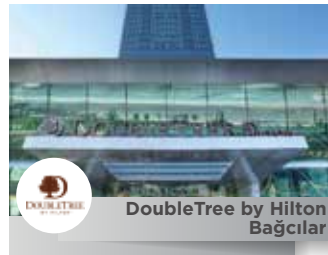
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# Hotel References

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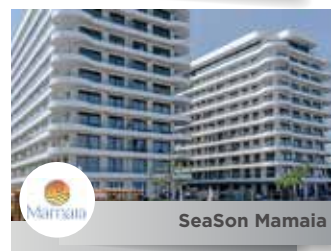
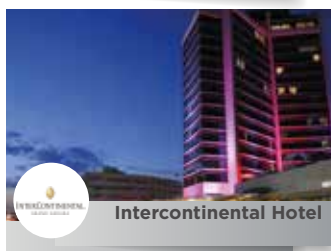
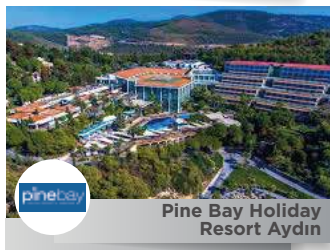
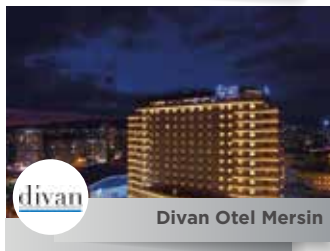
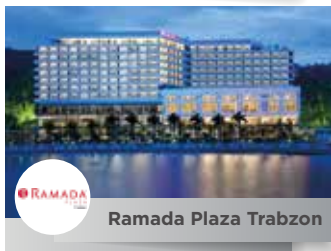
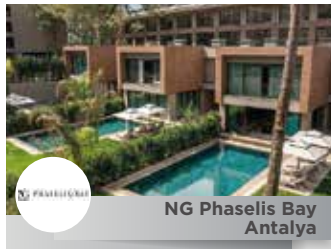
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