

'INTERRA

Developer of Uniqueness



 **KNX**

Product Catalogue

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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

NEW



Full Screen

NEW



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



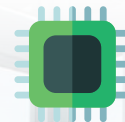
Secure Cloud Remote Control



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 |



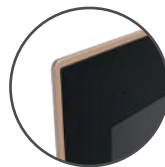
iX10 Touch Panel Flush Mounting Box

| 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



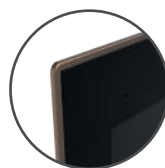
ITR110-8401 iX10 Touch Panel Black Frame



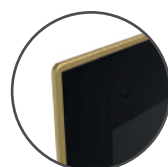
ITR110-8404 iX10 Touch Panel Rose Gold Frame



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

iX10 10.1" Touch Panel Interfaces

Customizable Color Interfaces of iX10

Choose from 9 vibrant color interfaces to match your decor and style. Easily customize settings and themes through a straightforward and intuitive menu.

Color Options

The iX10 Touch Panel series offers a palette of 9 striking color interfaces, allowing you to personalize your device to fit your aesthetic preferences:

Black: For a classic and sophisticated look.

White: Clean and modern, perfect for any setting.

Brown: Adds a warm, earthy tone to your environment.

Blue: A calming and serene option.

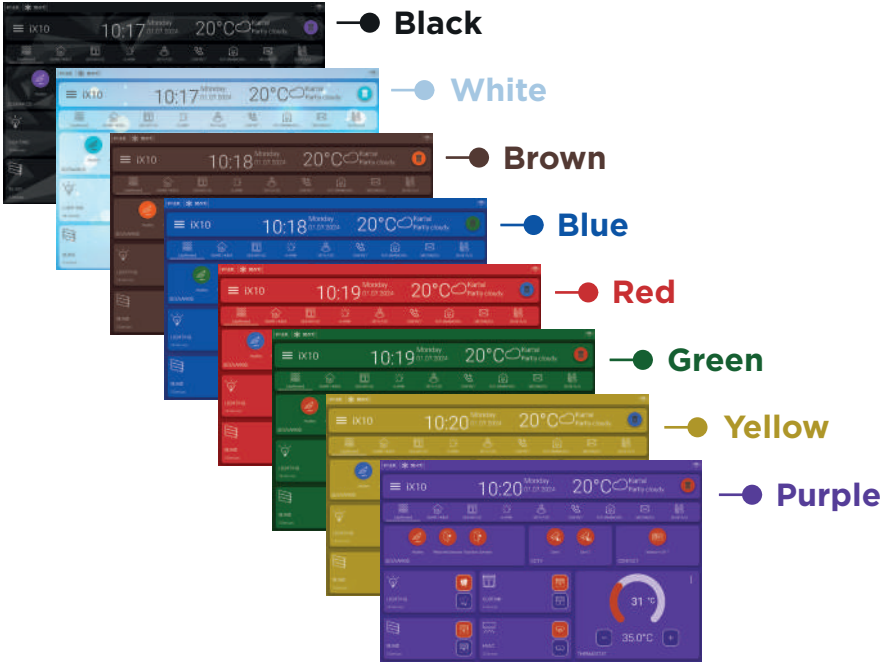
Red: Bold and dynamic, making a strong statement.

Green: Fresh and vibrant, adding a touch of nature.

Yellow: Bright and cheerful, bringing energy to your space.

Purple: Rich and luxurious, for a touch of elegance.

Cyan: iX10 default color. Cool and refreshing, ideal for a modern look.



Cyan (default color)



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

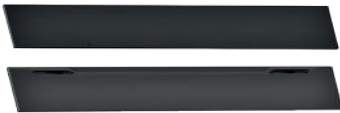
KNX Touch Panels

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.



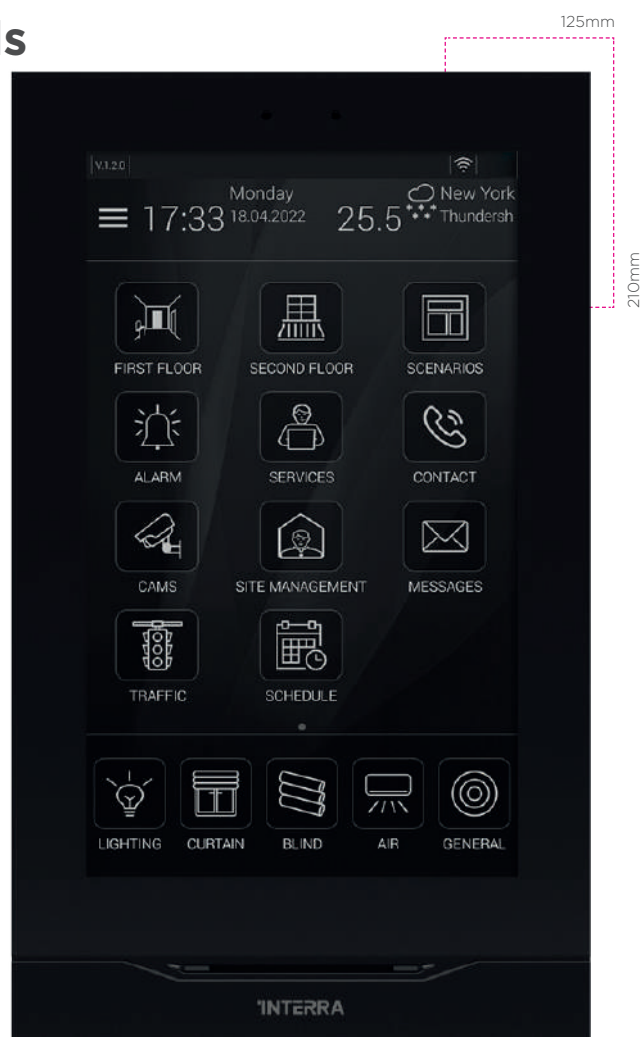
Concierge Services

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.



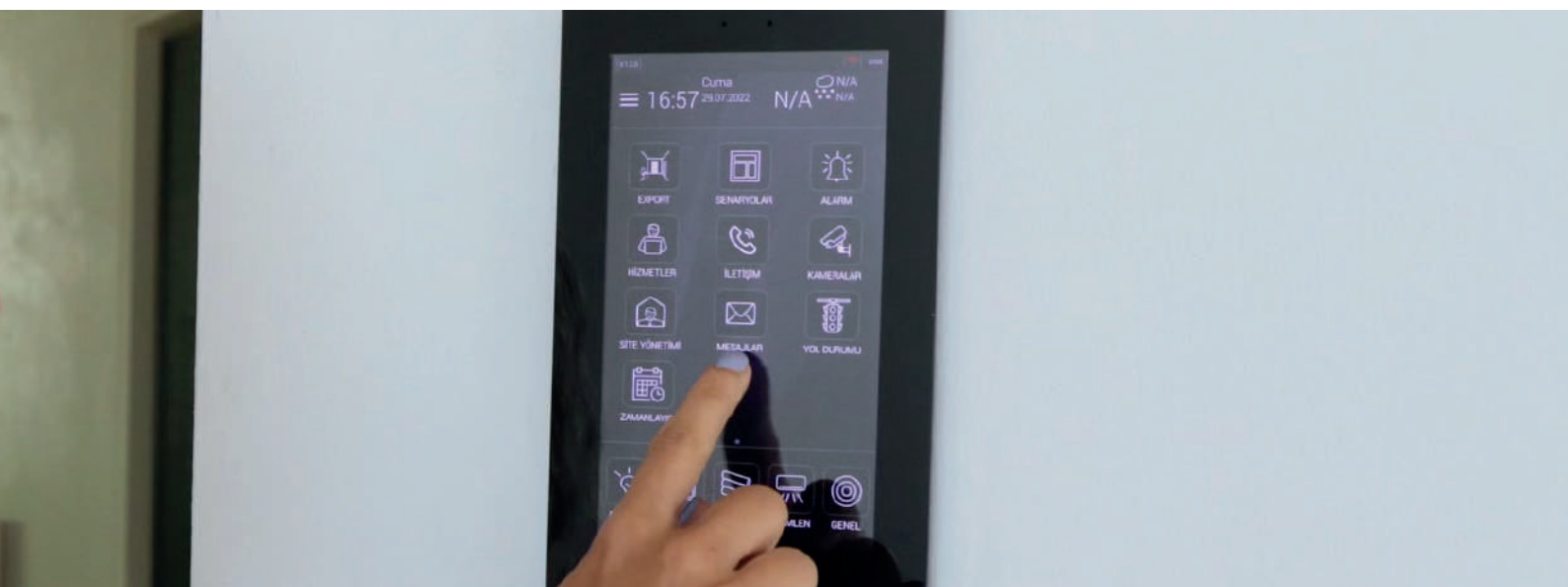
Mobile Control

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

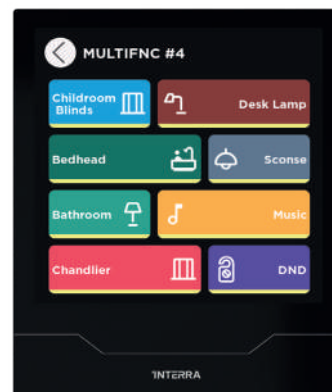
Interra iX4 Interfaces



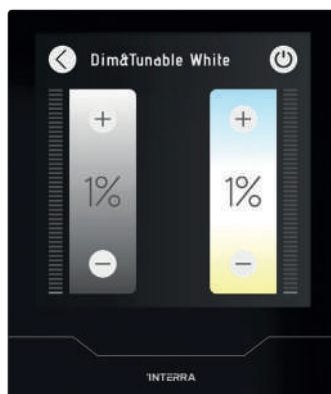
Mainpage



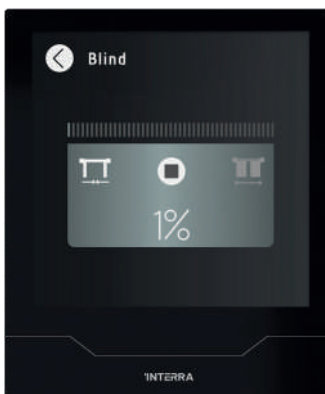
Customizable Main Page



Multifunctional Page



Dimming & Tunable White Control



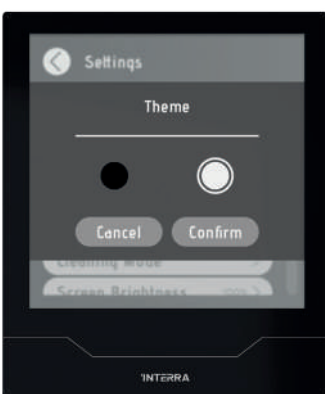
Shutters & Blinds Control



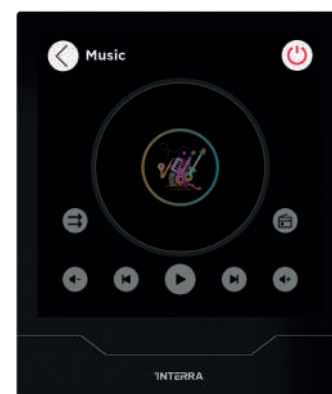
RGBW Control



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

NEW

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)



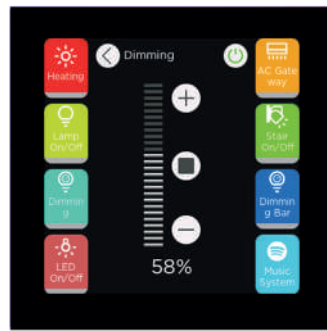
Multifunctional Page (Sample 2)



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

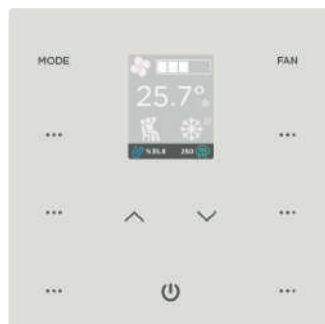
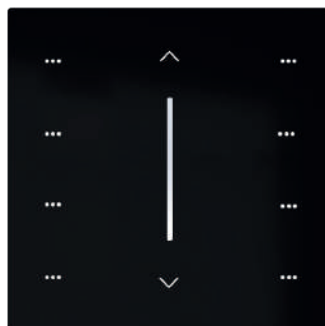
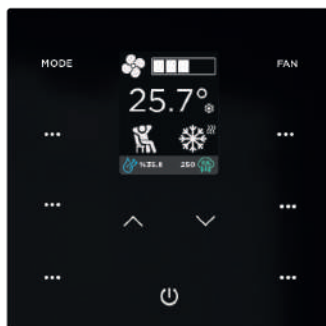
Interra iX2 - 2" KNX Touch Panel

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.

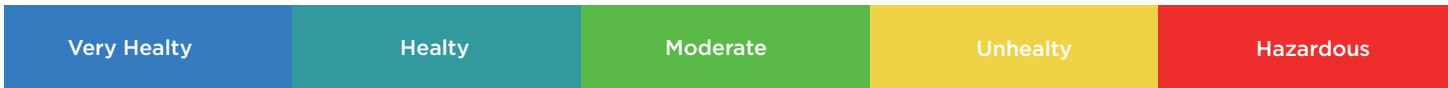


Manual Adjustment:
The light turns white when changing thermostat setpoint.

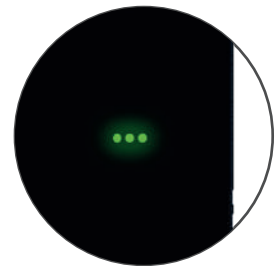


Target Temperature Reached:
The light turns green once the desired temperature is achieved.

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



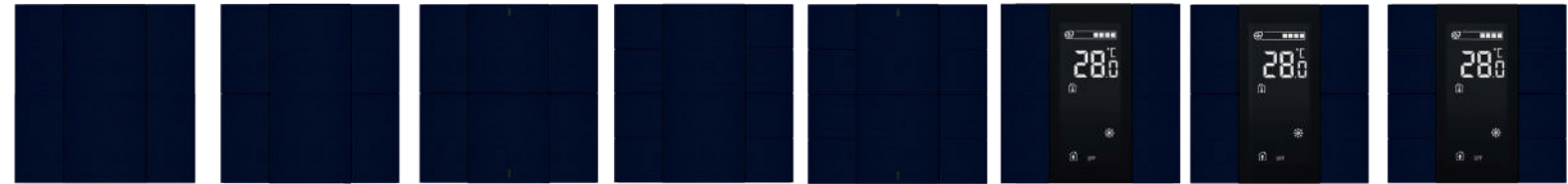
Advanced LCD Functions

iSwitch+ Rose Gold

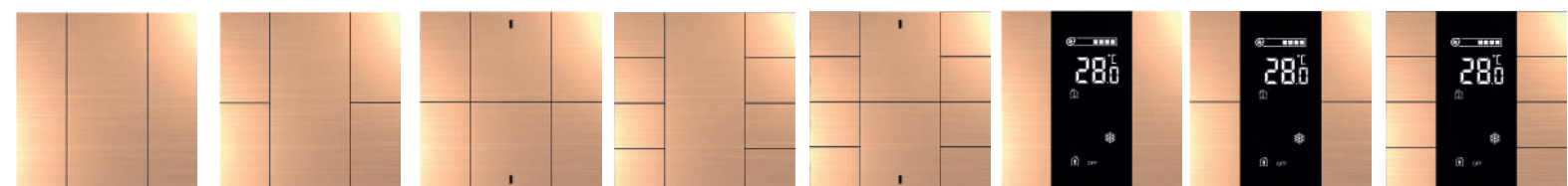


Beauty Meets
Functionality
in Every
Keystroke

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



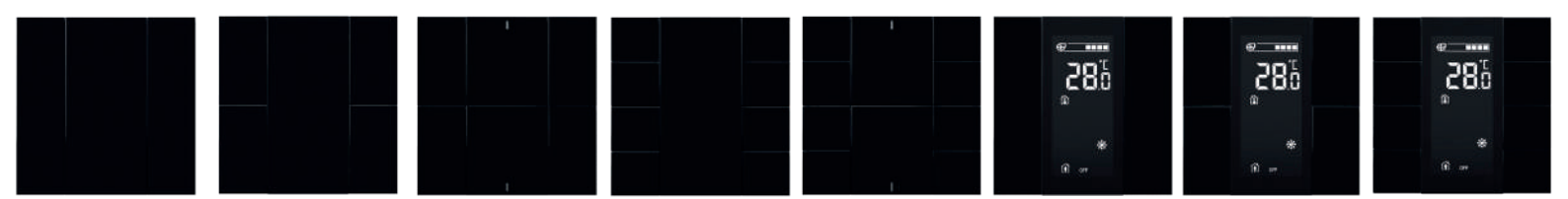
iSwitch+ Anthracite Matt Plastic



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

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 be 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.

NEW



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

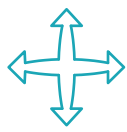
KNX Combo Actuator



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.



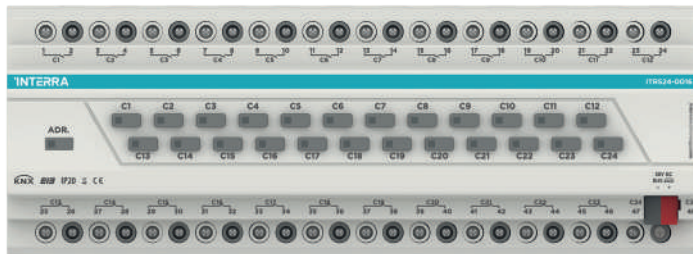
Cost Efficiency

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



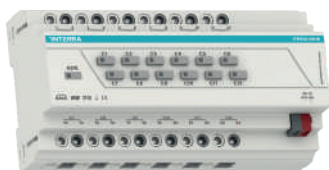
Interra KNX Combo Actuator - 8 Channel

| 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



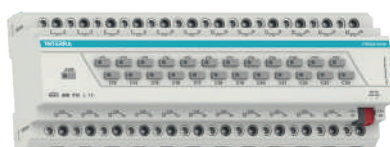
Interra KNX Combo Actuator - 20 Channel

| 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

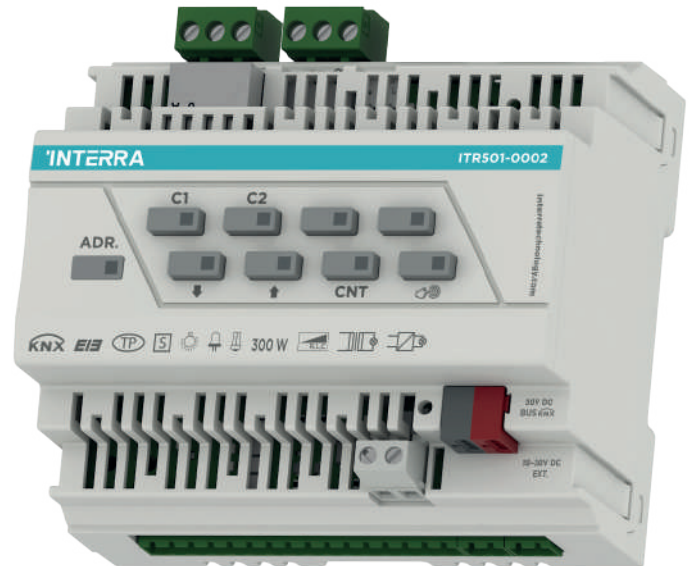
KNX Actuators

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 |

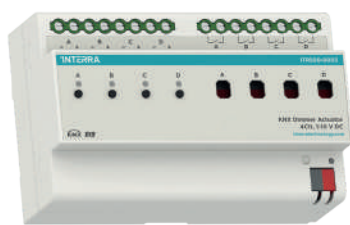
KNX System Devices

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:

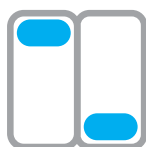
- Switch Sensor
- Switch / Dimming Sensor
- Shutter Sensor
- Value / Forced Operation
- Control Scene
- RGB Colour Control
- RGBW Control
- Mode Selection
- Command Sequence

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



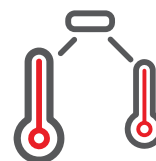
Shutter / Blind Control



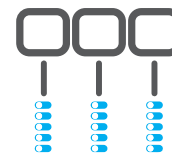
Value Operation



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 50



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, CO2, 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

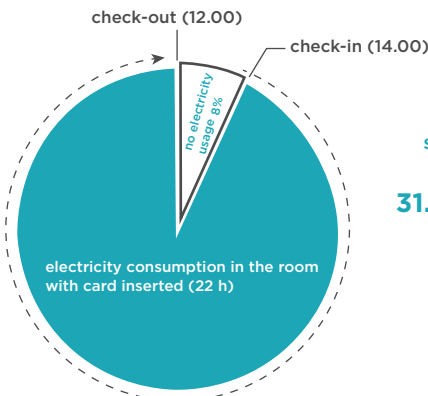
KNX Multi Presence Sensors

- 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



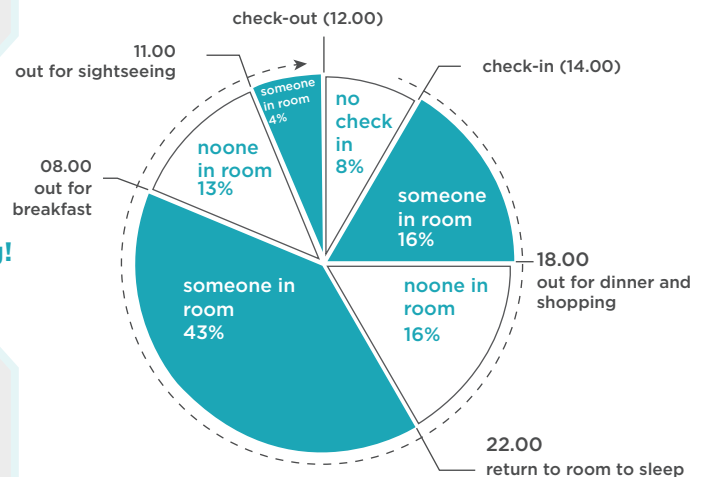
Traditional key card holder switch



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



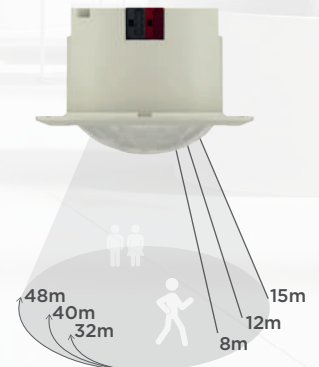
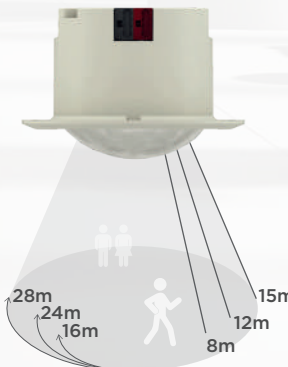
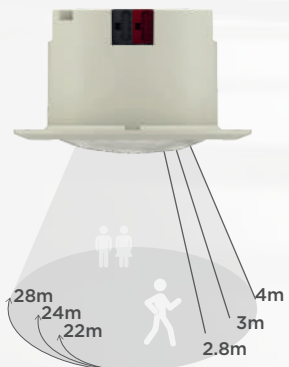
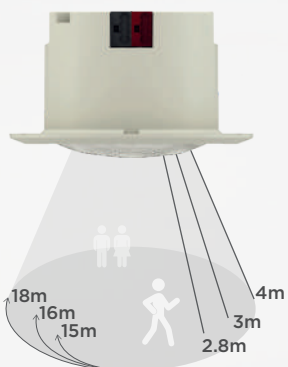
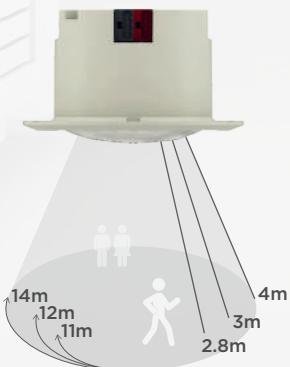
KNX Multi Mid-Range Presence Sensor

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 | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. 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 | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



KNX Multi Mid Range Presence Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0101 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



KNX Multi Mid Range Presence Sensor w/ Thermostat - Black

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0111 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



KNX Multi Mid Range+ Presence Sensor - White

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0002 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. 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 | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |

KNX System Devices

KNX Multi Sensor Series

KNX Multi Presence Sensors



KNX Multi Mid Range+ Presence Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0102 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. 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 | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



KNX Multi Wide Range Presence Sensor - White

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0003 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. 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 | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



KNX Multi Wide Range Presence Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0103 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. 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 | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |

KNX System Devices

KNX Multi Sensor Series

KNX Multi Presence Sensors



KNX Multi High Bay Motion Sensor - White

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0004 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



KNX Multi High Bay Motion Sensor w/ Thermostat - White

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0014 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



KNX Multi High Bay Motion Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0104 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



KNX Multi High Bay Motion Sensor w/ Thermostat - Black

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0114 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



KNX Multi High Bay+ Motion Sensor - White

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0005 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



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

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0015 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |

KNX System Devices

KNX Multi Sensor Series

KNX Multi Motion Sensors



KNX Multi High Bay+ Motion Sensor - Black

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0105 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. Requires professional KNX installation. |



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

| Product Code | Dimensions (Φ x H) | Notes |
|--------------|--------------------|---|
| ITR415-0115 | 70 × 41,8 mm | Indoor, Flush mounted, IP20, Passive Infrared technology, 2* digital and 1* digital/analog input. 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 Multi Microwave Sensors



KNX Multi Microwave Sensor - White

| Product Code | Dimensions (Φ x H) |
|--------------|--------------------|
| ITR415-0006 | 70 × 41,8 mm |



KNX Multi Microwave Sensor w/ Thermostat - White

| Product Code | Dimensions (Φ x H) |
|--------------|--------------------|
| ITR415-0016 | 70 × 41,8 mm |



KNX Multi Microwave Sensor - Black

| Product Code | Dimensions (Φ x H) |
|--------------|--------------------|
| ITR415-0106 | 70 × 41,8 mm |



KNX Multi Microwave Sensor w/ Thermostat - Black

| Product Code | Dimensions (Φ x H) |
|--------------|--------------------|
| ITR415-0116 | 70 × 41,8 mm |



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 your 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.



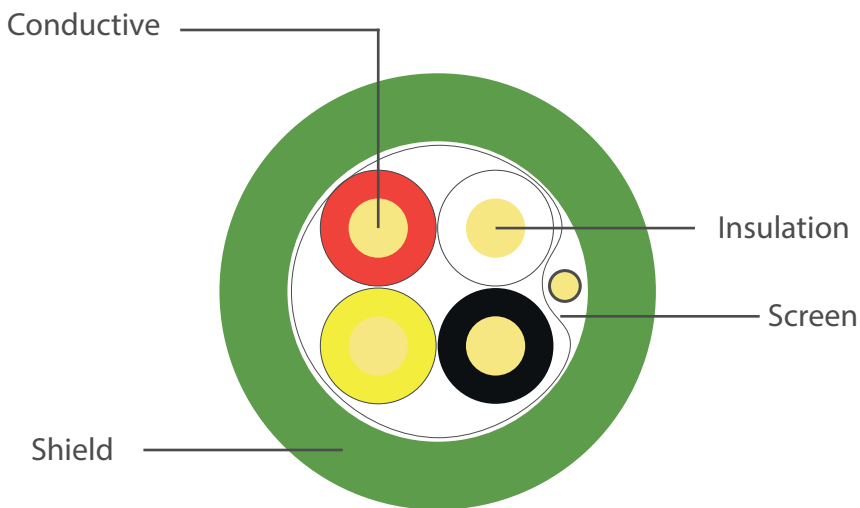
Interra KNX Weather Station GPS - White

| 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

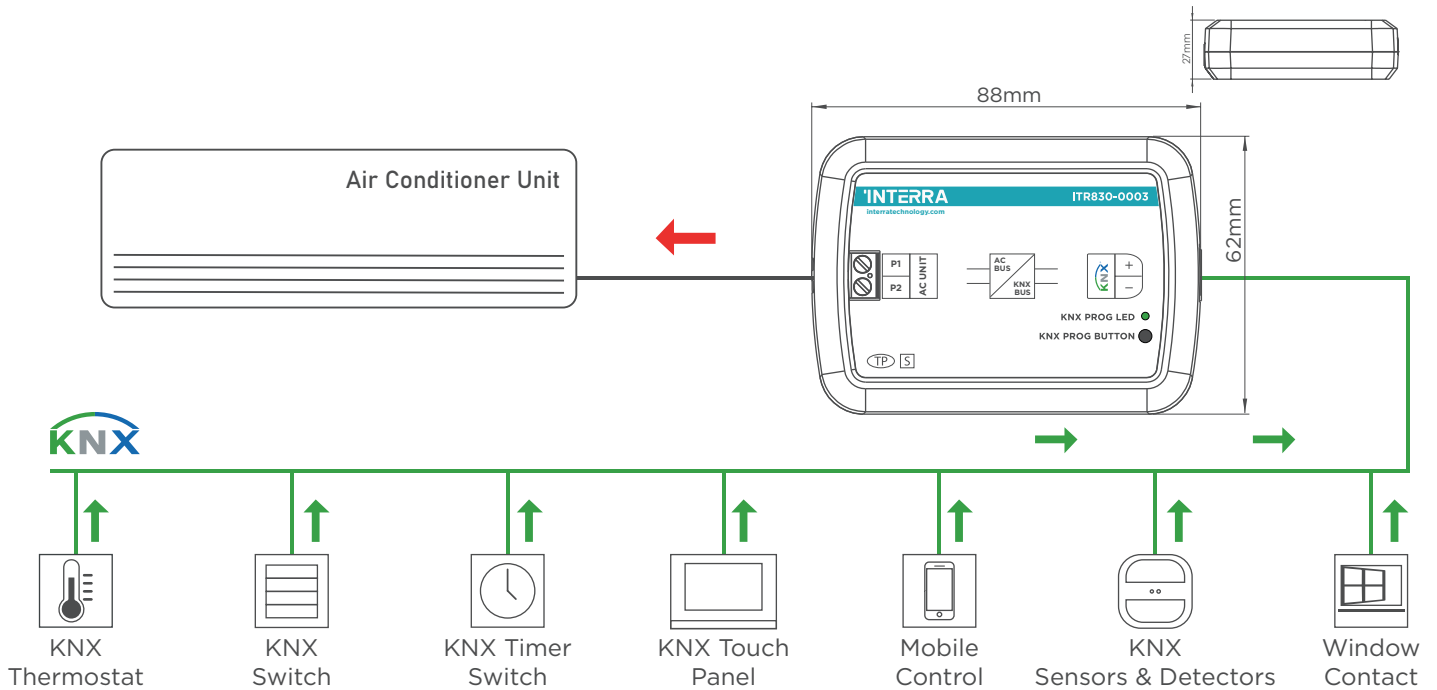
With Interra AC / KNX Gateways' minimalistic design, it is very easy to implement, hide and connect to any air conditioner unit.

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 | Provides complete bidirectional integration of Mitsubishi Electric air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED / 5* Notification LEDs 5mA power consumption, IP20, S-Mode Compatible with air conditioner models in PAC, RAC, and City Multi VRF and Industrial types categorized in the compatibility list sold by Mitsubishi Electric. Requires professional KNX installation. |

•It must be used with the NTC Temperature Probe accessory on page 50



Daikin Split AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Notes |
|--------------|--------------------|---|
| ITR830-0002 | 88 x 62 x 27 mm | Provides complete bidirectional integration of Daikin Split air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Compatible with air conditioner models in split types categorized at compatibility list sold by Daikin Industries. 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 | Provides complete bidirectional integration of Daikin Sky & VRV air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Compatible with air conditioner models in Sky & VRV types categorized at compatibility list sold by Daikin Industries. |



Samsung NASA AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Channel | Notes |
|--------------|--------------------|-----------|--|
| ITR830-0501 | 88 x 62 x 27 mm | 1 Channel | Provides complete bidirectional integration of Samsung NASA air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 10mA power consumption, IP20, S-Mode Compatible with air conditioner models in split types categorized at compatibility list sold by Samsung. 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 | Provides complete bidirectional integration of LG air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Compatible with air conditioner models in single, multi, multi-f, multi-f max and VRF types categorized at compatibility list sold by LG. Requires professional KNX installation. |

KNX Gateways

KNX / AC Gateways

KNX / AC Gateways Series



Arçelik AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Notes |
|--------------|--------------------|---|
| ITR830-0007 | 88 x 62 x 27 mm | Provides complete bidirectional integration of Arçelik air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Compatible with Arçelik air conditioner compatible with models in several types categorized in compatibility list published by Interra. 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 | Provides complete bidirectional integration of Viessman air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Compatible with Viessman air conditioner models in VRF types categorized on the compatibility list published by Interra. Requires professional KNX installation. |



Gree VRF AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Notes |
|--------------|--------------------|---|
| ITR830-0009 | 88 x 62 x 27 mm | Provides complete bidirectional integration of Gree air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Compatible with Gree air conditioner models in VRF types categorized on the compatibility list published by Interra. 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 | Provides complete bidirectional integration of Vaillant air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Compatible with Vaillant air conditioner models in VRF types categorized on the compatibility list published by Interra. 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 | Provides complete bidirectional integration of Demirdokum air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Compatible with Demirdokum air conditioner models in VRF types categorized on the compatibility list published by Interra. Requires professional KNX installation. |

KNX Gateways

KNX / AC Gateways

KNX / AC Gateways Series



Gree Split AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Notes |
|--------------|--------------------|---|
| ITR830-0012 | 88 x 62 x 27 mm | Provides complete bidirectional integration of Gree air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Compatible with Gree air conditioner models in split types categorized on the compatibility list published by Interra. Requires professional KNX installation. |



Midea VRF AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Channel | Notes |
|--------------|--------------------|------------|--|
| ITR830-0113 | 88 x 62 x 27 mm | 1 Channel | Provides complete bidirectional integration of Midea air conditioners with KNX bus. |
| ITR830-0413 | 88 x 62 x 27 mm | 4 Channel | 1* KNX Programming Button 1* KNX Programming LED |
| ITR830-0813 | 88 x 62 x 27 mm | 8 Channel | 5mA power consumption, IP20, S-Mode Compatible with Midea air conditioner models in VRF types categorized on the compatibility list published by Interra. |
| ITR830-1613 | 88 x 62 x 27 mm | 16 Channel | 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 | Provides complete bidirectional integration of Toshiba air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Compatible with Toshiba air conditioner models in VRF types categorized on the compatibility list published by Interra. Requires professional KNX installation. |



Mitsubishi Heavy AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Notes |
|--------------|--------------------|---|
| ITR830-0004 | 88 x 62 x 27 mm | Provides complete bidirectional integration of Mitsubishi Heavy air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 5mA power consumption, IP20, S-Mode Mitsubishi Heavy Industries AC - KNX Gateway is compatible with the RAC* series, FD series, KX6 and KXR6 (VRF) series types categorized at compatibility list sold by Mitsubishi Heavy Industries. Requires professional KNX installation. |



Viessmann Split AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Notes |
|--------------|--------------------|---|
| ITR830-0015 | 88 x 62 x 27 mm | Provides complete bidirectional integration of Viessmann split air conditioners with KNX bus. 1* KNX Programming Button 1* KNX Programming LED 7mA power consumption, IP20, S-Mode Viessmann Split AC - KNX Gateway is compatible with models in split types categorized at compatibility list published by Interra. Requires professional KNX installation. |

KNX Gateways

KNX / AC Gateways

KNX / AC Gateways Series



Bosch VRF AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Channel | Notes |
|--------------|--------------------|------------|--|
| ITR830-0116 | 88 x 62 x 27 mm | 1 Channel | Provides complete bidirectional integration of Bosch VRF air conditioners with KNX bus. |
| ITR830-0416 | 88 x 62 x 27 mm | 4 Channel | 1* KNX Programming Button 1* KNX Programming LED |
| ITR830-0816 | 88 x 62 x 27 mm | 8 Channel | 5mA power consumption, IP20, S-Mode Bosch VRF AC - KNX Gateway is compatible with models in VRF types categorized on the compatibility list published by Interra. |
| ITR830-1616 | 88 x 62 x 27 mm | 16 Channel | Requires professional KNX installation. |



Vestel VRF - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Channel | Notes |
|--------------|--------------------|------------|---|
| ITR830-0117 | 88 x 62 x 27 mm | 1 Channel | Provides complete bidirectional integration of Vestel VRF air conditioners with KNX bus. |
| ITR830-0417 | 88 x 62 x 27 mm | 4 Channel | 1* KNX Programming Button 1* KNX Programming LED |
| ITR830-0817 | 88 x 62 x 27 mm | 8 Channel | 5mA power consumption, IP20, S-Mode Vestel VRF AC - KNX Gateway is compatible with models in VRF types categorized on the compatibility list published by Interra. |
| ITR830-1617 | 88 x 62 x 27 mm | 16 Channel | Requires professional KNX installation. |



Alarko VRF AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Channel | Notes |
|--------------|--------------------|------------|---|
| ITR830-0118 | 88 x 62 x 27 mm | 1 Channel | Provides complete bidirectional integration of Alarko VRF air conditioners with KNX bus. |
| ITR830-0418 | 88 x 62 x 27 mm | 4 Channel | 1* KNX Programming Button 1* KNX Programming LED |
| ITR830-0818 | 88 x 62 x 27 mm | 8 Channel | 5mA power consumption, IP20, S-Mode Alarko VRF AC - KNX Gateway is compatible with models in VRF types categorized on the compatibility list published by Interra. |
| ITR830-1618 | 88 x 62 x 27 mm | 16 Channel | Requires professional KNX installation. |



Carrier VRF AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Channel | Notes |
|--------------|--------------------|------------|--|
| ITR830-0119 | 88 x 62 x 27 mm | 1 Channel | Provides complete bidirectional integration of Carrier VRF air conditioners with KNX bus. |
| ITR830-0419 | 88 x 62 x 27 mm | 4 Channel | 1* KNX Programming Button 1* KNX Programming LED |
| ITR830-0819 | 88 x 62 x 27 mm | 8 Channel | 5mA power consumption, IP20, S-Mode Carrier VRF AC - KNX Gateway is compatible with models in VRF types categorized on the compatibility list published by Interra. |
| ITR830-1619 | 88 x 62 x 27 mm | 16 Channel | Requires professional KNX installation. |



Systemair VRF AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Channel | Notes |
|--------------|--------------------|------------|--|
| ITR830-0120 | 88 x 62 x 27 mm | 1 Channel | Provides complete bidirectional integration of Systemair VRF air conditioners with KNX bus. |
| ITR830-0420 | 88 x 62 x 27 mm | 4 Channel | 1* KNX Programming Button 1* KNX Programming LED |
| ITR830-0820 | 88 x 62 x 27 mm | 8 Channel | 5mA power consumption, IP20, S-Mode Systemair VRF AC - KNX Gateway is compatible with models in VRF types categorized on the compatibility list published by Interra. |
| ITR830-1620 | 88 x 62 x 27 mm | 16 Channel | Requires professional KNX installation. |

KNX Gateways

KNX / AC Gateways

KNX / AC Gateways Series



York ABC AC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Channel | Notes |
|--------------|--------------------|------------------------------|--|
| ITR830-0301 | 88 x 62 x 27 mm | 1 Channel / No input | Provides complete bidirectional integration of York ABC Port AC with KNX bus. |
| ITR830-0304 | 88 x 62 x 27 mm | 4 Channel / No input | |
| ITR830-0308 | 88 x 62 x 27 mm | 8 Channel / No input | * KNX Programming Button |
| ITR830-0316 | 88 x 62 x 27 mm | 16 Channel / No input | * KNX Programming LED |
| ITR830-1301 | 88 x 62 x 27 mm | 1 Channel / 3 digital input | * AC Power LED |
| ITR830-1304 | 88 x 62 x 27 mm | 4 Channel / 3 digital input | 5mA power consumption, IP20, S-Mode |
| ITR830-1308 | 88 x 62 x 27 mm | 8 Channel / 3 digital input | AC - KNX Gateway is compatible with York ABC Port AC types categorized on the compatibility list published by Interra. |
| ITR830-1316 | 88 x 62 x 27 mm | 16 Channel / 3 digital input | Requires professional KNX installation. |



Haier ABC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Channel | Notes |
|--------------|--------------------|------------------------------|---|
| ITR830-0101 | 88 x 62 x 27 mm | 1 Channel / No input | Provides complete bidirectional integration of Haier ABC Port AC with KNX bus. |
| ITR830-0104 | 88 x 62 x 27 mm | 4 Channel / No input | |
| ITR830-0108 | 88 x 62 x 27 mm | 8 Channel / No input | * KNX Programming Button |
| ITR830-0116 | 88 x 62 x 27 mm | 16 Channel / No input | * KNX Programming LED |
| ITR830-1101 | 88 x 62 x 27 mm | 1 Channel / 3 digital input | * AC Power LED |
| ITR830-1104 | 88 x 62 x 27 mm | 4 Channel / 3 digital input | 5mA power consumption, IP20, S-Mode |
| ITR830-1108 | 88 x 62 x 27 mm | 8 Channel / 3 digital input | AC - KNX Gateway is compatible with Haier ABC Port AC types categorized on the compatibility list published by Interra. |
| ITR830-1116 | 88 x 62 x 27 mm | 16 Channel / 3 digital input | Requires professional KNX installation. |



Viessmann ABC - KNX Gateway - Indoor Unit Type

| Product Code | Dimensions (W×H×D) | Channel | Notes |
|--------------|--------------------|------------------------------|---|
| ITR830-0201 | 88 x 62 x 27 mm | 1 Channel / No input | Provides complete bidirectional integration of Viessmann ABC Port AC with KNX bus. |
| ITR830-0204 | 88 x 62 x 27 mm | 4 Channel / No input | |
| ITR830-0208 | 88 x 62 x 27 mm | 8 Channel / No input | * KNX Programming Button |
| ITR830-0216 | 88 x 62 x 27 mm | 16 Channel / No input | * KNX Programming LED |
| ITR830-1201 | 88 x 62 x 27 mm | 1 Channel / 3 digital input | * AC Power LED |
| ITR830-1204 | 88 x 62 x 27 mm | 4 Channel / 3 digital input | 5mA power consumption, IP20, S-Mode |
| ITR830-1208 | 88 x 62 x 27 mm | 8 Channel / 3 digital input | AC - KNX Gateway is compatible with Viessmann ABC Port AC types categorized on the compatibility list published by Interra. |
| ITR830-1216 | 88 x 62 x 27 mm | 16 Channel / 3 digital input | Requires professional KNX installation. |

• It must be used with the NTC Temperature Probe accessory on page 50

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

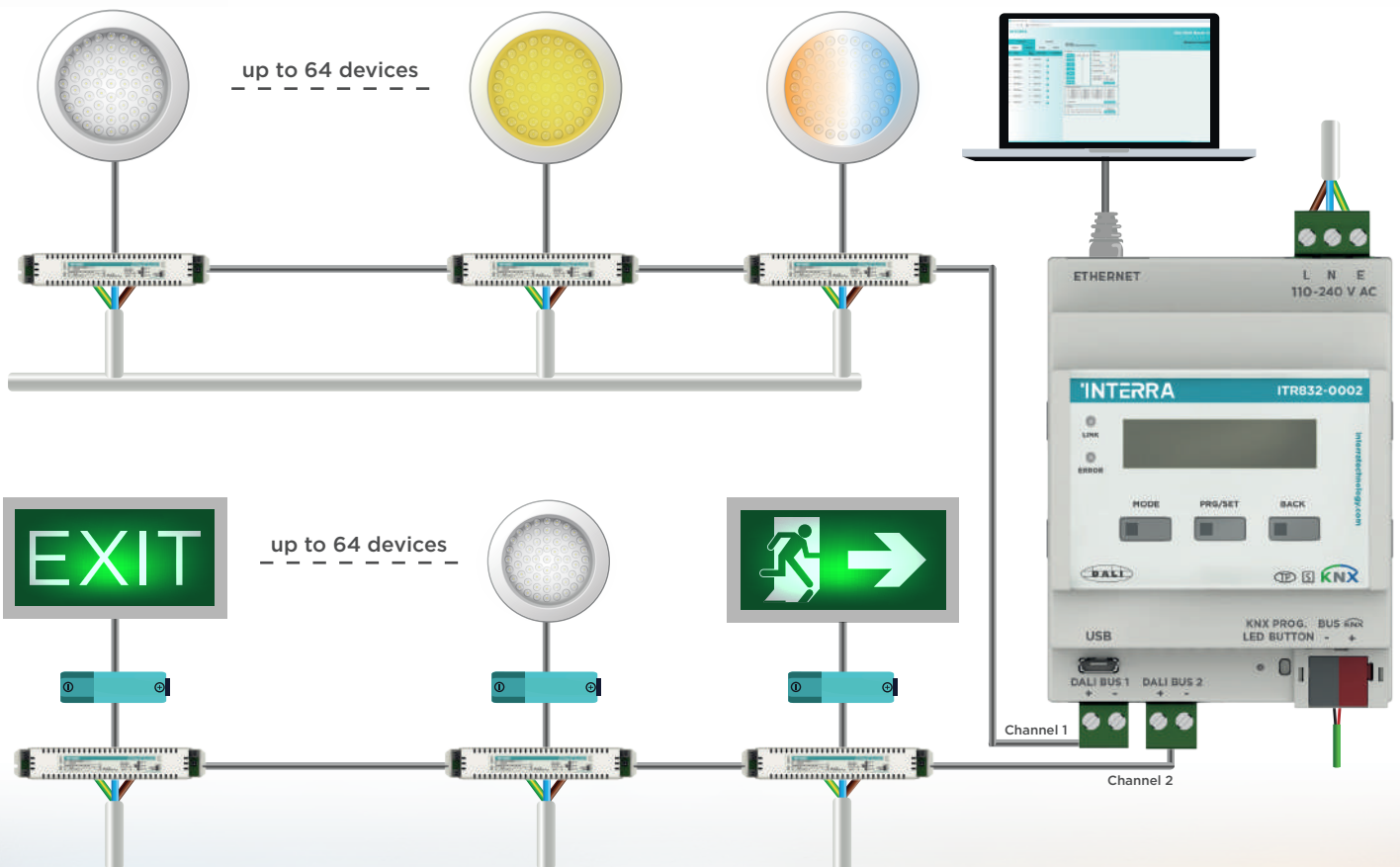
Flexible Lighting Experience with Lighting Groups

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. |

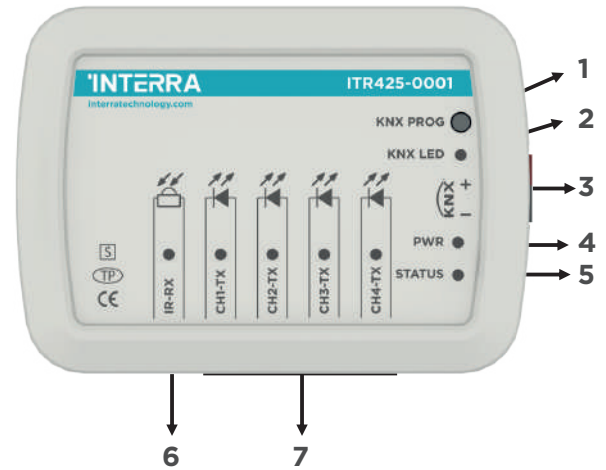


KNX Gateways

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

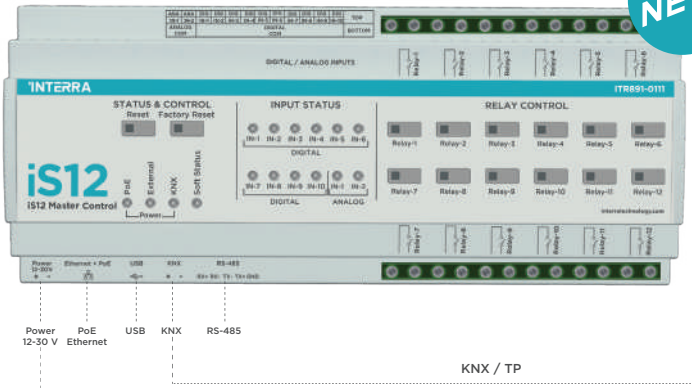
| Product Code | Dimensions (W×H×D) | Notes |
|--------------|--------------------|--|
| ITR750-0002 | 48 x 40 x 18 mm | Standart flash mounted. Built-in antenna. KNX programming LED. |

- 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

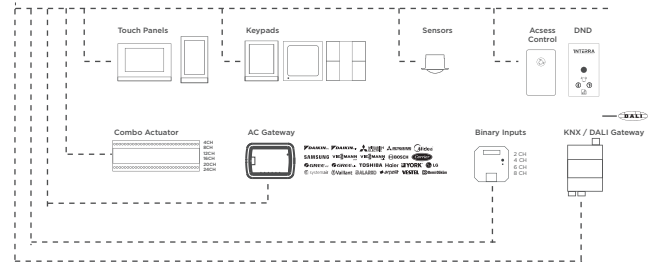
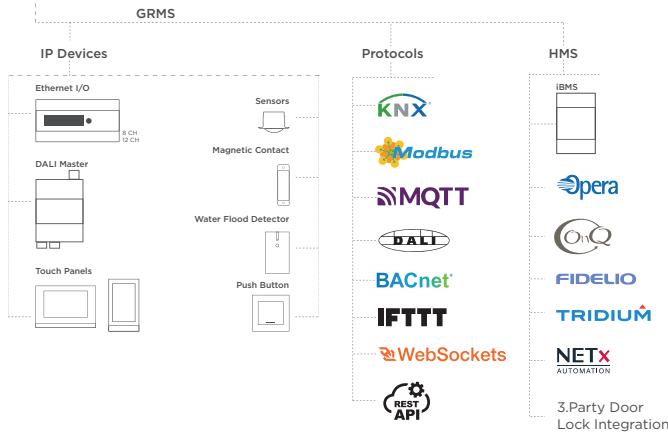
iS12 Master Control

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.

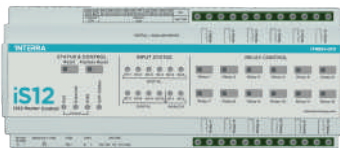


Building Automation Servers



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.

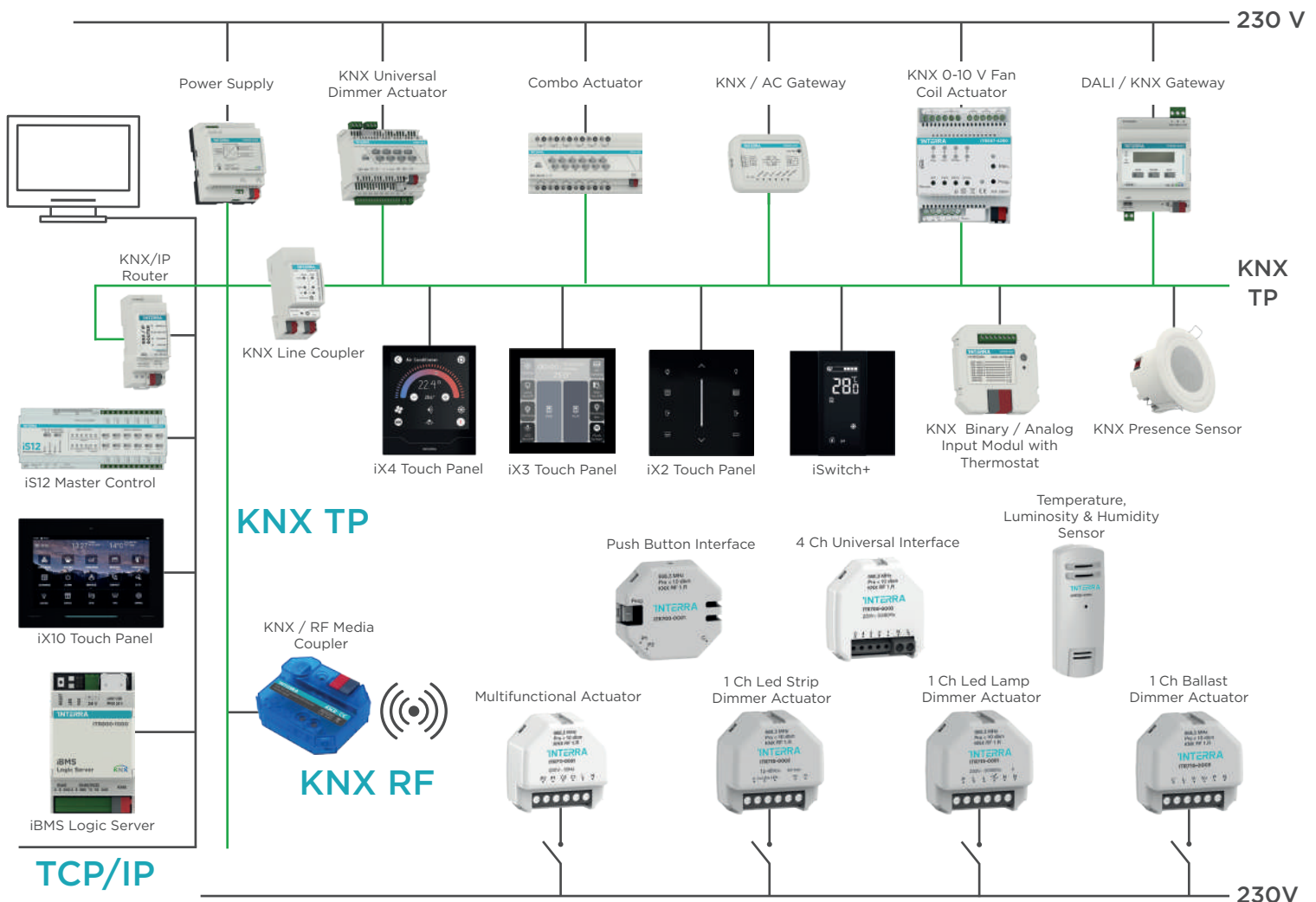
Unified Configuration Process:

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



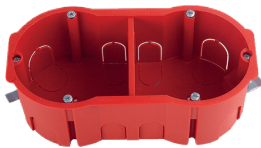
Interra KNX DND Module - Plexiglass

| 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

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.

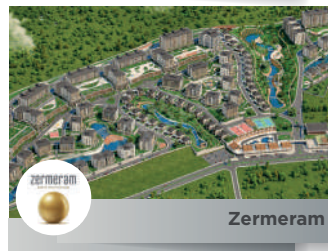
Custom Solution: We understand that every project is unique. That's why offer customized solutions tailored to your specific needs, ensuring optimal performance and functionality.

Customer Support: From project inception to completion and beyond, Interra is committed to providing unparalleled customer support. Our dedicated teams are here to assist you every step of way. //

Experience the difference with Interra.
Contact us today via info@interra.com.tr to learn more about our smart building solutions and how we can help you achieve your project goals.

Residential References

More than 2500 residence references globally.



For more information please visit interratechnology.com



Residential References

More than 1700 villa references globally.

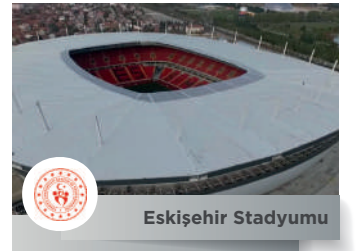


For more information please visit interratechnology.com



Commercial References

More than 430 commercial references globally.

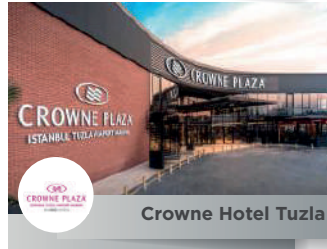


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Hotel References

More than 200 hotel references globally.



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More than 200 hotel references globally.



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