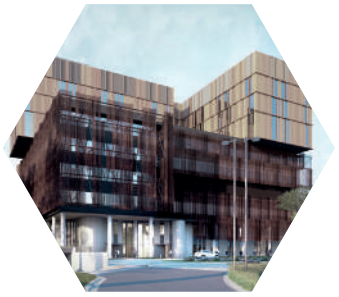

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INTERRA

Developer of Uniqueness

Medeni Kahraman

By presenting technology's power to carry life forward to society, without giving up for a moment on our visionary perspective and innovative management approach that has ensured our sustainable success and carried us to today; We are working to contribute more to the development of the world industry, to facilitate the lives of more people, to develop a more livable environment with technologies that produce efficiency and added value.

At Interra, being able to transfer quality, functionality and unique design to our products underlies our continuous growth. By always turning our faces to the future, we continue to shape the smart world of the future and create value with the reference of our satisfied customers who trust our brand all over the world.

With the advantages of being a company that has pioneered sectoral innovations for 14 years, we are proud to establish our own office in 28 different countries, excluding Turkey, by offering much faster and more practical solutions without sacrificing our quality. At the same time, by always evaluating the growth opportunities in order to localize our brand in the global market, our R&D investments are increasing day by day, which will activate the synergy between our offices in different geographies and shape the smart world of the future.

We will move forward in the line with our goal of becoming a global leader company that shapes the smart world of the future with the technology produced by our innovation, courage, and entrepreneurship that makes us who we are, and with an engineering perspective that adds value to human life.

Medeni Kahraman
CEO

About Interra

INTERRA is the pioneering smart home technology leader developing KNX-based software and hardware solutions with its R&D teams experienced in the field of smart building automation by aiming for each product to be unique and comply with high-quality standards. With a history of uniqueness and innovativeness of 14 years, Interra's global success is driven by around 150 talented engineers and employees in over 75 countries.

Interra offers a wide-ranging portfolio of smart building products, digital solutions, and services, from villa to commercial applications, enabling safe, smart, and sustainable solutions. With our core value, – Developer of Uniqueness – we are pushing the boundaries of our smart building technology by embedding sustainability and innovation in everything we do. Together with our common values, global branding, strong relationships, and belief in youth company culture, our uniqueness will be leading us to become a more focused, successful, and value-creating company.

Each Interra product is designed to be unique.

With our globalization strategy, Interra is the fastest growing KNX brand in the world with its 30 offices in different countries. With the first aim to develop and produce everything in-house, Interra managed to create huge know-how on KNX in more than ten years with its young and talented engineering teams. Now, it is in the position to produce even the latest technological devices of KNX protocol in Istanbul and besides its strong brand, it provides OEM and R&D partnerships to the giants of the electronic industry.

As the market leader in Turkey with almost 70% share in the residential smart building area, Interra aims to spread this success to surrounding countries by opening its local offices to provide the best possible services to its customers. With our belief in education, we provide the best possible and sustainable knowledge and education to our worldwide teams and partners, to create a globally standardized Interra quality in terms of production, sales, and after-sales.

About Interra

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 Turkey 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 Turkey 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 Turkey without the needs of any other KNX brand and be a market leader.

Interra drives its all global operations including R&D, manufacturing, 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 50 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 Turkey. With our core value, all of these first products also got attention globally with their unique features in them.

Interra 4 - KNX Touch Panel

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 are 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.

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.

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.

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.

Interra 4 - KNX Touch Panel

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.

Interra 4 - 10.1” Touch Panel Frame - Stainless Steel

Product Code	Dimensions (W×H×D)	Notes
ITR110-0206	345 x 34 x 2 mm	Doesn’t require a professional assembly.

Interra 4 - 10.1” Touch Panel Frame - Gold Plated Stainless Steel

Product Code	Dimensions (W×H×D)	Notes
ITR110-0208	345 x 34 x 2 mm	Doesn’t require a professional assembly.

Interra 4 - KNX Touch Panel

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 - 7” Touch Panel Frame - Stainless Steel

Product Code	Dimensions (W×H×D)	Notes
ITR107-0203	360 x 28 x 2 mm	Doesn’t require a professional assembly.

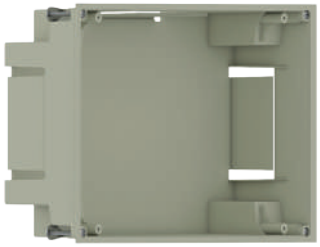
Interra 4 - 7” Touch Panel Frame - Gold Plated Stainless Steel

Product Code	Dimensions (W×H×D)	Notes
ITR107-0208	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.

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.

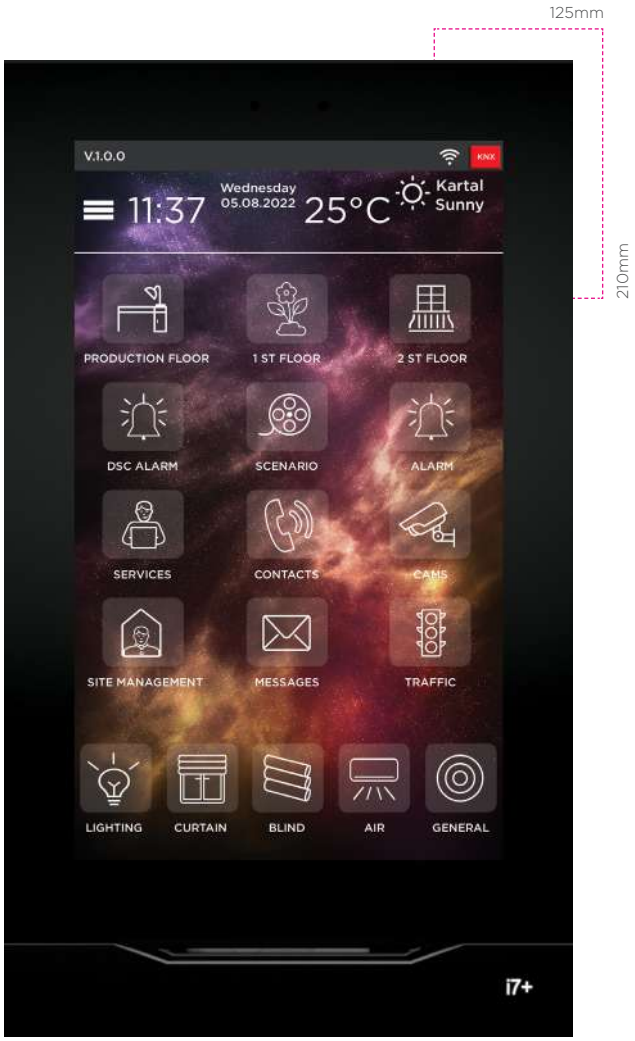
iOS android Google Assistant IN amazon alexa

Your home
is one-click away with
InterraPro

Interra i7+ - KNX Touch Panel

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 room 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 operations 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.

Interra i7+ - KNX Touch Panel

Interra i7+ - KNX Touch Panel 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

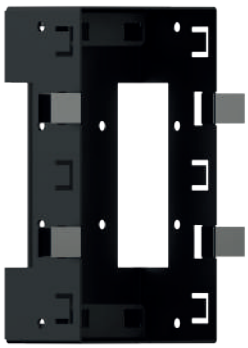
Memory: 1 GB DDR3
Storage: 8 GB EMMC
Protection Class: IP 20
Power Supply: 12 V DC

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 Mouting Box

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

Interra Just Touch

Dreams switch to a reality

Interra Just Touch is a new generation thermostatic touch controller supporting up to 30 control points and full thermostat control with 5+1 pages. With its extremely slim 2 mm high-quality glass capacitive full touch screen, and 8 touch buttons, it's one of the finest and thinnest switches in its class. It comes with pure black and pure white color finishes including its plastic parts and can control everything in a room that you can imagine.

With all these features, it provides great flexibility in terms of room controlling and architectural design and provides efficient solutions for residential homes or commercial applications such as hotel rooms, oices, and medical practices. Its user-friendly design makes smart buildings more easier to control and removes the complexity from your life. All you need is one simple touch to activate anything.

New Generation Thermostatic KNX Touch Switch Series

Special Thermostat Page

Interra Just Touch has a special thermostat page to control any heating, cooling, ventilation, or air conditioning systems. It also shows the degrees of the room through its temperature and humidity sensor on it.

Up to 30 Control Points

Interra Just Touch can be programmed to control up to 30 control points and these control points can be organized in its 5+1 different page options.

Full Control on Lighting

Interra Just Touch provides a perfect lighting control experience and it has different functions for lighting controls such as on/off, dimming, RGB control, and tunable white control.

Premium Hotel Applications

Interra Just Touch is a premium bedside unit and a perfect solution for hotel room applications with its minimalistic design and DND/MUR control page.

AUTO
SET:28.5
24.5
Main Screen
ECO
Lighting

AUTO
SET:28.5
24.5
Main Screen
ECO
Lighting

Interra Just Touch

Interra Just Touch Series

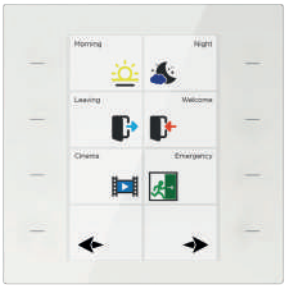
Interra Just Touch with Touch Screen - Black Glass

Product Code	Dimensions (W×H×D)	Notes
ITR328-1101	90 x 90 x 37 mm	Mounting accessories are included in the box.

Technical Details

Temperature Sensor: ±0.2° C Sensitivity
Humidity Sensor: ±2 %RH Sensitivity
Display: 320 RGB x 480 Dots TFT LCD
Material: PC-ABS + Touch Layer

Consumption: 20 mA
Power Supply: KNX Bus
CX Mode: S-Mode
Protection Class: IP 20



Interra Just Touch with Touch Screen - White Glass

Product Code	Dimensions (W×H×D)	Notes
ITR328-1102	90 x 90 x 37 mm	Mounting accessories are included in the box.

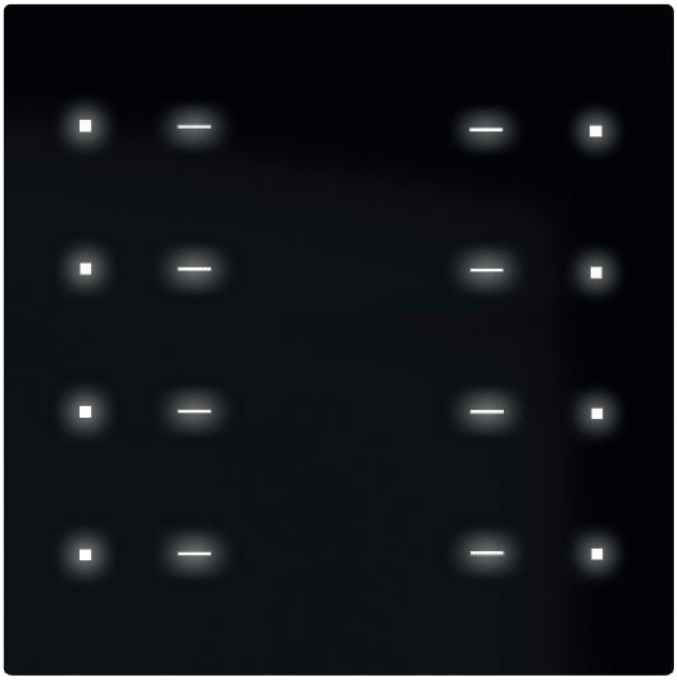
Technical Details

Temperature Sensor: ±0.2° C Sensitivity
Humidity Sensor: ±2 %RH Sensitivity
Display: 320 RGB x 480 Dots TFT LCD
Material: PC-ABS + Touch Layer

Consumption: 20 mA
Power Supply: KNX Bus
CX Mode: S-Mode
Protection Class: IP 20

Each Interra product is designed **to be unique.**

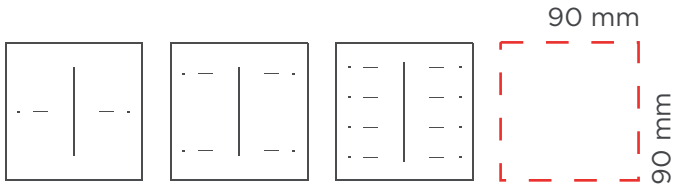
Interra Pure Touch



Feel special every day

Interra Pure Touch is a premium touch switch of Interra which is a perfect match for Just Touch projects. With its extremely slim 1 mm high-quality glass finish, and touch buttons, it's one of the finest and thinnest switches in its class. It comes with pure black and pure white color finishes including its plastic parts and with 2, 4, and 8 button options. It matches perfectly the Just Touch architectural design to create uniformity in projects.

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. Besides internal temperature and humidity sensors, with its brightness sensor, its feedback LEDs manage their own brightness level to be your indicator at night.



Interra Pure Touch

Your Home, Your Imagination

Interra Pure Touch reflects your lifestyle with its customizable design options. Choose any color or any pattern that makes your home special and unique. Let us create your exclusive switch with your specific icons and needs.

Create your **own story**

This is your **magical living** space

Interra Pure Touch

Pure Touch Series

Pure Touch - 2 Button Black Glass

Product Code	Dimensions (W×H×D)	Notes
ITR322-1301	90 x 90 x 37 mm	Fixing metal & screws are included in the box.

Pure Touch - 4 Button Black Glass

Product Code	Dimensions (W×H×D)	Notes
ITR324-1301	90 x 90 x 37 mm	Fixing metal & screws are included in the box.

Pure Touch - 8 Button Black Glass

Product Code	Dimensions (W×H×D)	Notes
ITR328-1301	90 x 90 x 37 mm	Fixing metal & screws are included in the box.

Pure Touch - 2 Button White Glass

Product Code	Dimensions (W×H×D)	Notes
ITR322-1302	90 x 90 x 37 mm	Fixing metal & screws are included in the box.

Pure Touch - 4 Button White Glass

Product Code	Dimensions (W×H×D)	Notes
ITR324-1302	90 x 90 x 37 mm	Fixing metal & screws are included in the box.

Pure Touch - 8 Button White Glass

Product Code	Dimensions (W×H×D)	Notes
ITR328-1302	90 x 90 x 37 mm	Fixing metal & screws are included in the box.

Interra iSwitch

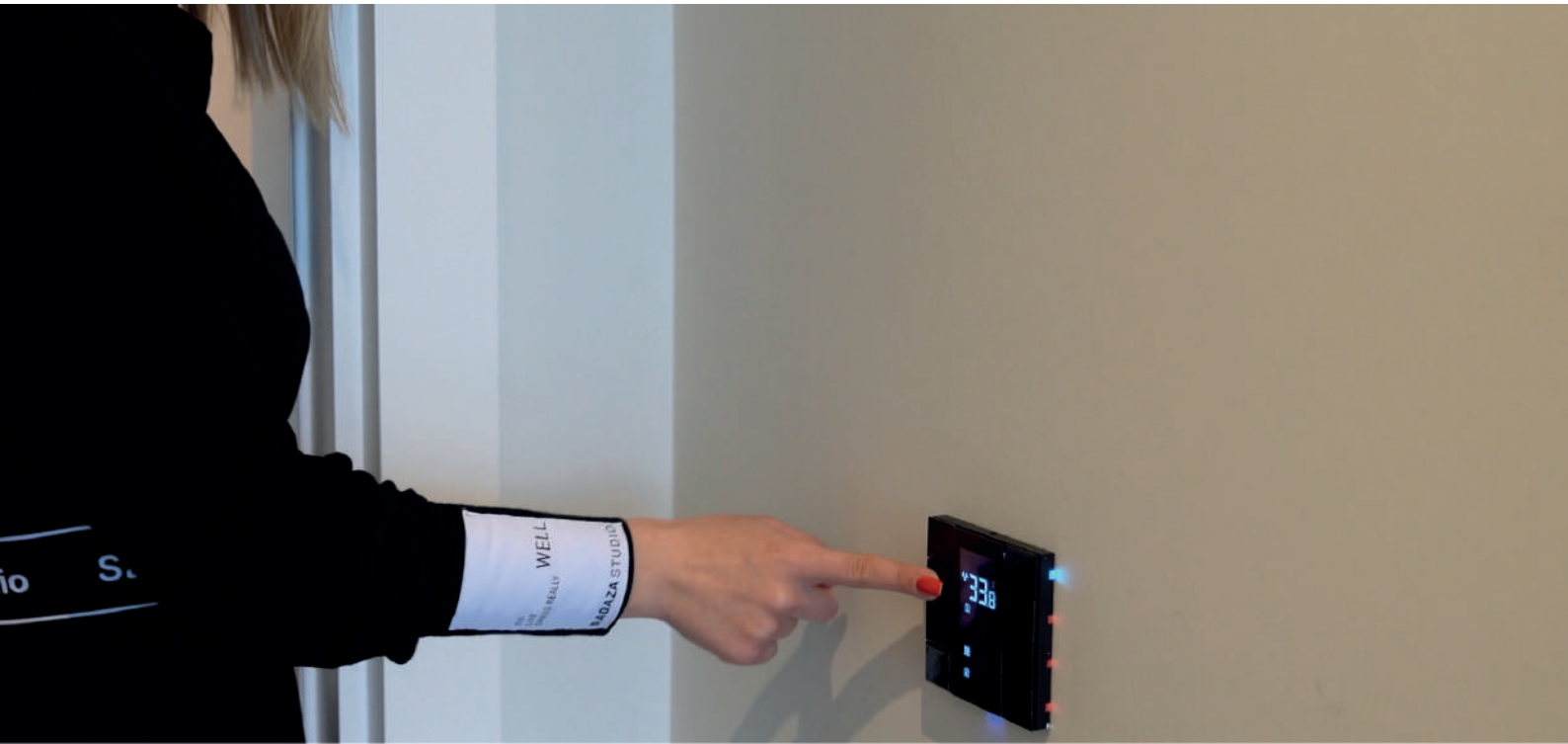
Timeless design combined with functionality

iSwitch, the legendary thermostatic KNX switch series of Interra takes attention with its clear straight lines and architecturally harmonious and fascinating colors and materials. A perfect match to a modern style of living.

iSwitch is more than a room controller with its temperature 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 one is a classic switch model 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 blue/green or white/red color combinations for feedback or visualization, and the LCD models are equipped with VA-Display technology, which ensures low energy costs and good viewing angles. The LCD backlight can be automatically switched down while not using the device or changeable from the bus.

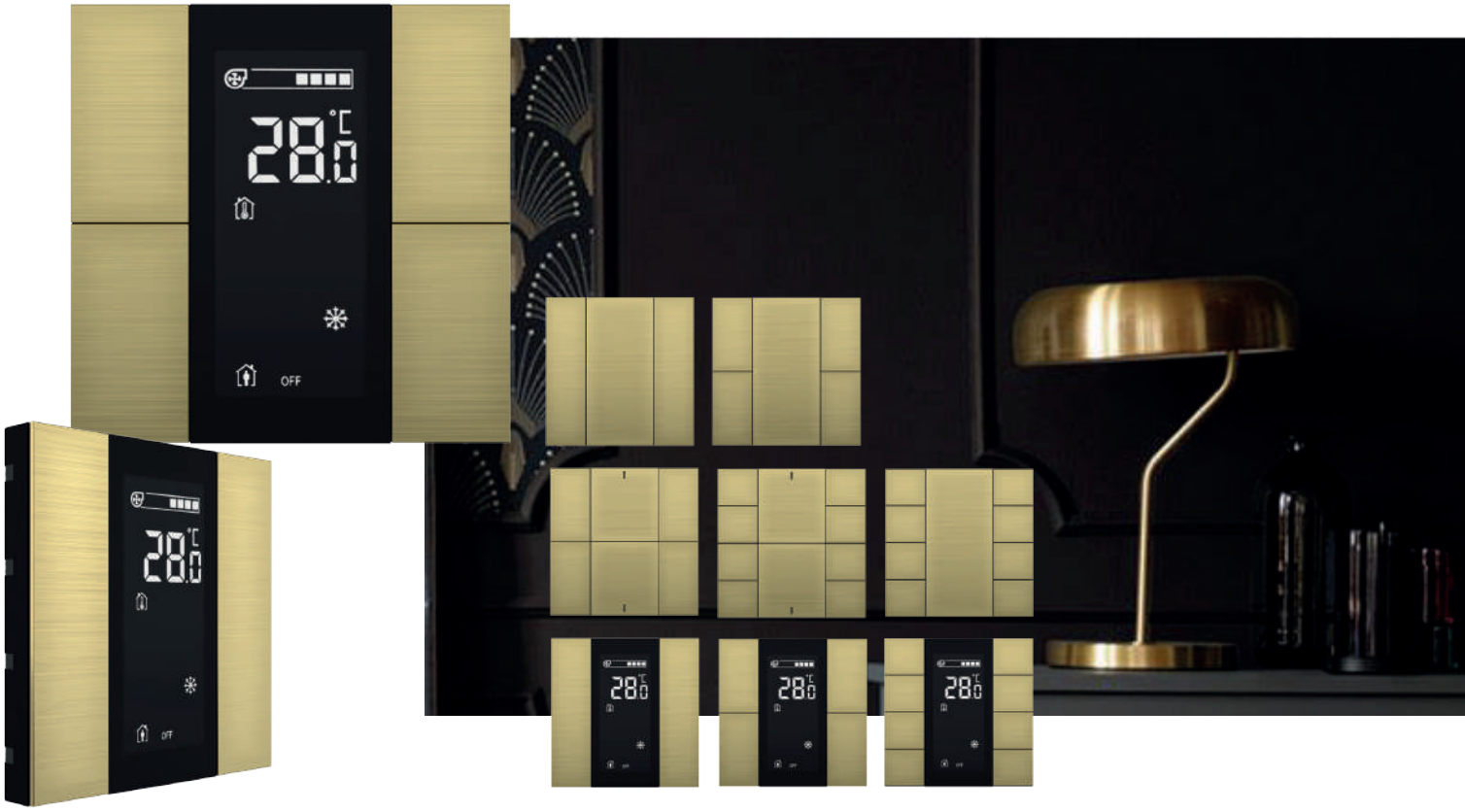
Temperature values, humidity, and CO2 values can be switched between them with a defined time to see all different values in LCD. Also, there are 2 hidden push buttons with a short press and long press events, located up and down below the frame of the LCD which makes it a unique device to control all thermostat functions over LCD buttons. It gives great flexibility to the projects so other push buttons can be arranged for other controls.



iSwitch - Black Aluminium Eloxal Matt Brushed

iSwitch - Natural Aluminium Eloxal Matt Brushed

iSwitch - Gold Aluminium Eloxal Matt Brushed



iSwitch - Bronze Aluminium Eloxal Matt Brushed

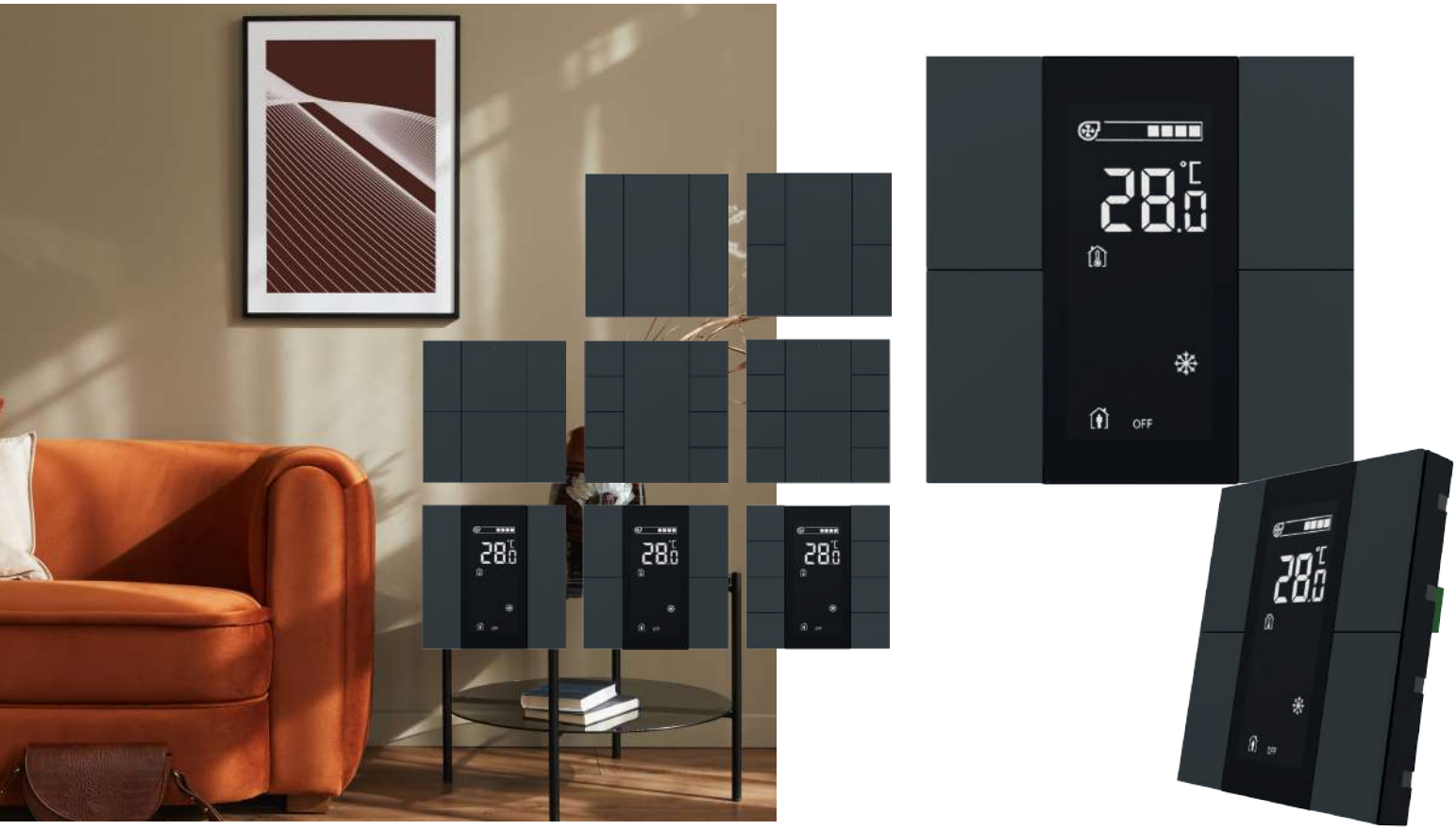
iSwitch - Natural Stainless Steel

iSwitch - Matt White Plastic

iSwitch - Glossy White Plastic

iSwitch - Jet Black Plastic

iSwitch - Anthracite Matt Plastic



iSwitch - Metalic Gray Plastic

iSwitch - Black Plexiglass

iSwitch Product Codes

iSwitch - Jet Black Plastic Series

ITR302-0001	iSwitch - 2 Button Jet Black Plastic
ITR304-0001	iSwitch - 4 Button Jet Black Plastic
ITR306-0001	iSwitch - 6 Button Jet Black Plastic
ITR308-0001	iSwitch - 8 Button Jet Black Plastic
ITR310-0001	iSwitch - 10 Button Jet Black Plastic
ITR302-1001	iSwitch with LCD - 2 Button Jet Black Plastic
ITR304-1001	iSwitch with LCD - 4 Button Jet Black Plastic
ITR308-1001	iSwitch with LCD - 8 Button Jet Black Plastic

iSwitch - Glossy White Plastic Series

ITR302-0002	iSwitch - 2 Button Glossy White Plastic
ITR304-0002	iSwitch - 4 Button Glossy White Plastic
ITR306-0002	iSwitch - 6 Button Glossy White Plastic
ITR308-0002	iSwitch - 8 Button Glossy White Plastic
ITR310-0002	iSwitch - 10 Button Glossy White Plastic
ITR302-1002	iSwitch with LCD - 2 Button Glossy White Plastic
ITR304-1002	iSwitch with LCD - 4 Button Glossy White Plastic
ITR308-1002	iSwitch with LCD - 8 Button Glossy White Plastic

iSwitch - Matt White Plastic Series

ITR302-0003	iSwitch - 2 Button Matt White Plastic
ITR304-0003	iSwitch - 4 Button Matt White Plastic
ITR306-0003	iSwitch - 6 Button Matt White Plastic
ITR308-0003	iSwitch - 8 Button Matt White Plastic
ITR310-0003	iSwitch - 10 Button Matt White Plastic
ITR302-1003	iSwitch with LCD - 2 Button Matt White Plastic
ITR304-1003	iSwitch with LCD - 4 Button Matt White Plastic
ITR308-1003	iSwitch with LCD - 8 Button Matt White Plastic

iSwitch - Anthracite Matt Plastic Series

ITR302-0004	iSwitch - 2 Button Anthracite Matt Plastic
ITR304-0004	iSwitch - 4 Button Anthracite Matt Plastic
ITR306-0004	iSwitch - 6 Button Anthracite Matt Plastic
ITR308-0004	iSwitch - 8 Button Anthracite Matt Plastic
ITR310-0004	iSwitch - 10 Button Anthracite Matt Plastic
ITR302-1004	iSwitch with LCD - 2 Button Anthracite Matt Plastic
ITR304-1004	iSwitch with LCD - 4 Button Anthracite Matt Plastic
ITR308-1004	iSwitch with LCD - 8 Button Anthracite Matt Plastic

iSwitch - Metalic Gray Plastic Series

ITR302-0005	iSwitch - 2 Button Metalic Gray Plastic
ITR304-0005	iSwitch - 4 Button Metalic Gray Plastic
ITR306-0005	iSwitch - 6 Button Metalic Gray Plastic
ITR308-0005	iSwitch - 8 Button Metalic Gray Plastic
ITR310-0005	iSwitch - 10 Button Metalic Gray Plastic
ITR302-1005	iSwitch with LCD - 2 Button Metalic Gray Plastic
ITR304-1005	iSwitch with LCD - 4 Button Metalic Gray Plastic
ITR308-1005	iSwitch with LCD - 8 Button Metalic Gray Plastic

iSwitch Product Codes

iSwitch - Natural Aluminium Series

ITR302-0100	iSwitch - 2 Button Natural Aluminium Eloxal Matt Brushed
ITR304-0100	iSwitch - 4 Button Natural Aluminium Eloxal Matt Brushed
ITR306-0100	iSwitch - 6 Button Natural Aluminium Eloxal Matt Brushed
ITR308-0100	iSwitch - 8 Button Natural Aluminium Eloxal Matt Brushed
ITR310-0100	iSwitch - 10 Button Natural Aluminium Eloxal Matt Brushed
ITR302-1100	iSwitch with LCD - 2 Button Natural Aluminium Eloxal Matt Brushed
ITR304-1100	iSwitch with LCD - 4 Button Natural Aluminium Eloxal Matt Brushed
ITR308-1100	iSwitch with LCD - 8 Button Natural Aluminium Eloxal Matt Brushed

iSwitch - Black Aluminium Series

ITR302-0101	iSwitch - 2 Button Black Aluminium Eloxal Matt Brushed
ITR304-0101	iSwitch - 4 Button Black Aluminium Eloxal Matt Brushed
ITR306-0101	iSwitch - 6 Button Black Aluminium Eloxal Matt Brushed
ITR308-0101	iSwitch - 8 Button Black Aluminium Eloxal Matt Brushed
ITR310-0101	iSwitch - 10 Button Black Aluminium Eloxal Matt Brushed
ITR302-1101	iSwitch with LCD - 2 Button Black Aluminium Eloxal Matt Brushed
ITR304-1101	iSwitch with LCD - 4 Button Black Aluminium Eloxal Matt Brushed
ITR308-1101	iSwitch with LCD - 8 Button Black Aluminium Eloxal Matt Brushed

iSwitch - Gold Aluminium Series

ITR302-0106	iSwitch - 2 Button Gold Aluminium Eloxal Matt Brushed
ITR304-0106	iSwitch - 4 Button Gold Aluminium Eloxal Matt Brushed
ITR306-0106	iSwitch - 6 Button Gold Aluminium Eloxal Matt Brushed
ITR308-0106	iSwitch - 8 Button Gold Aluminium Eloxal Matt Brushed
ITR310-0106	iSwitch - 10 Button Gold Aluminium Eloxal Matt Brushed
ITR302-1106	iSwitch with LCD - 2 Button Gold Aluminium Eloxal Matt Brushed
ITR304-1106	iSwitch with LCD - 4 Button Gold Aluminium Eloxal Matt Brushed
ITR308-1106	iSwitch with LCD - 8 Button Gold Aluminium Eloxal Matt Brushed

iSwitch - Bronze Aluminium Series

ITR302-0102	iSwitch - 2 Button Bronze Aluminium Eloxal Matt Brushed
ITR304-0102	iSwitch - 4 Button Bronze Aluminium Eloxal Matt Brushed
ITR306-0102	iSwitch - 6 Button Bronze Aluminium Eloxal Matt Brushed
ITR308-0102	iSwitch - 8 Button Bronze Aluminium Eloxal Matt Brushed
ITR310-0102	iSwitch - 10 Button Bronze Aluminium Eloxal Matt Brushed
ITR302-1102	iSwitch with LCD - 2 Button Bronze Aluminium Eloxal Matt Brushed
ITR304-1102	iSwitch with LCD - 4 Button Bronze Aluminium Eloxal Matt Brushed
ITR308-1102	iSwitch with LCD - 8 Button Bronze Aluminium Eloxal Matt Brushed

iSwitch - Natural Stainless Steel Series

ITR302-0200	iSwitch - 2 Button Natural Stainless Steel
ITR304-0200	iSwitch - 4 Button Natural Stainless Steel
ITR306-0200	iSwitch - 6 Button Natural Stainless Steel
ITR308-0200	iSwitch - 8 Button Natural Stainless Steel
ITR310-0200	iSwitch - 10 Button Natural Stainless Steel
ITR302-1200	iSwitch with LCD - 2 Button Natural Stainless Steel
ITR304-1200	iSwitch with LCD - 4 Button Natural Stainless Steel
ITR308-1200	iSwitch with LCD - 8 Button Natural Stainless Steel

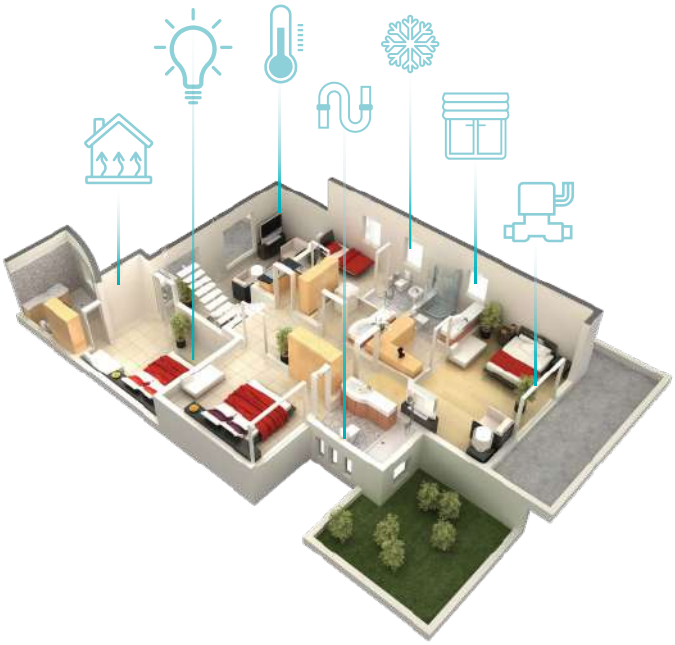
iSwitch Product Codes

iSwitch - Black Plexiglass Series

ITR302-0301	iSwitch - 2 Button Black Plexiglass
ITR304-0301	iSwitch - 4 Button Black Plexiglass
ITR306-0301	iSwitch - 6 Button Black Plexiglass
ITR308-0301	iSwitch - 8 Button Black Plexiglass
ITR310-0301	iSwitch - 10 Button Black Plexiglass
ITR302-1301	iSwitch with LCD - 2 Button Black Plexiglass
ITR304-1301	iSwitch with LCD - 4 Button Black Plexiglass
ITR308-1301	iSwitch with LCD - 8 Button Black Plexiglass

Be
the **colour**
of your
own life

Interra KNX Combo Actuators



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

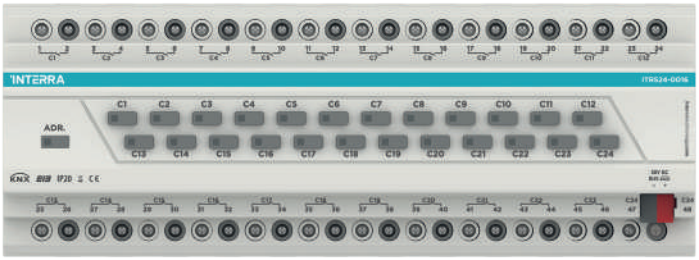
One device for all needs. Interra Combo Switch Actuators are versatile control devices that allow a variety of configurations such as lighting control, AC & DC motor control, or fan coil controls.

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

Interra KNX Combo Actuators

Interra 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

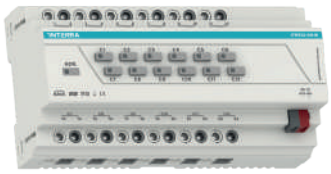
Current Consumption: Max. 20 mA **Output Current:** 16 A @250 V AC

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

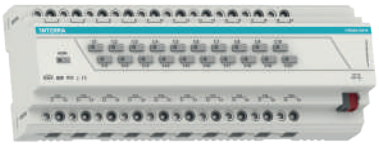
Current Consumption: Max. 20 mA **Output Current:** 16 A @250 V AC

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

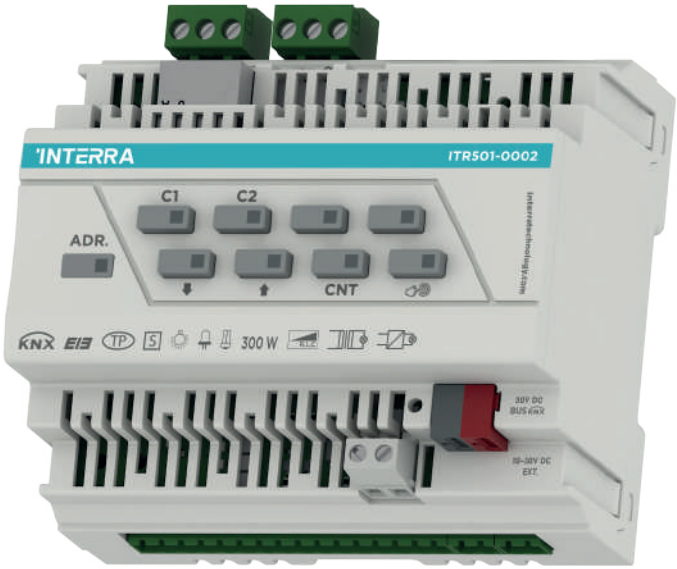
Current Consumption: Max. 20 mA **Output Current:** 16 A @250 V AC

Interra 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,

Interra KNX Universal Dimmer Actuators

KNX Universal Dimmer Actuator 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%
Operating Frequency: 50 Hz
Ferromagnetic Transformer: 250VA
Electronic Transformer: 300VA

Automatic Ch. Power: 300 W
Inductive Ch. Power: 250W
Digital Inputs: None
Analog 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%
Operating Frequency: 50 Hz
Ferromagnetic Transformer: 250VA
Electronic Transformer: 300VA

Automatic Ch. Power: 300 W
Inductive Ch. Power: 250W
Digital Inputs: 8 Inputs
Analog Inputs: 2 Inputs

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%
Operating Frequency: 50 Hz
Ferromagnetic Transformer: 200VA
Electronic Transformer: 250VA

Automatic Ch. Power: 250 W
Inductive Ch. Power: 200W
Digital Inputs: None
Analog 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%
Operating Frequency: 50 Hz
Ferromagnetic Transformer: 200VA
Electronic Transformer: 250VA

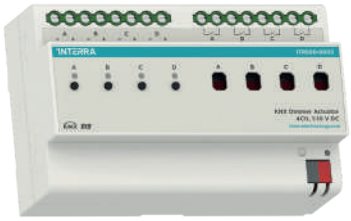
Automatic Ch. Power: 250 W
Inductive Ch. Power: 200W
Digital Inputs: 8 Inputs
Analog Inputs: 2 Inputs

Interra KNX Ballast Controllers

KNX Ballast Controller Series

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

Interra 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
Power Consumption (Typical): 6.6 W
Nominal Current (Total): 160 mA
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
Power Consumption (Typical): 12.5 W
Nominal Current (Total): 320 mA
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
Power Consumption (Typical): 24 W
Nominal Current (Total): 640 mA
Nominal Voltage: 30V DC

COMING SOON

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

Interra KNX System Components

Other KNX System Components

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.

Interra 4Touch - 4” KNX Touch Panel

FOUR TOUCH

NEW

100 mm

84 mm

Interra 4Touch Interface Examples

Multifuntion | **Blind** | **Air Conditioner** | **Thermostat** | **Dimming & Tunable White Control** | **Settings**

*The colors of the main page buttons are customizable.

Interra 4Touch Features

- Lighting Control
- RGB Dimming
- Tunable White
- Music Player
- HVAC / Floor Heating
- Shutter Control
- Timer Scenarios
- Temporary Screen Lock
- Password Lock

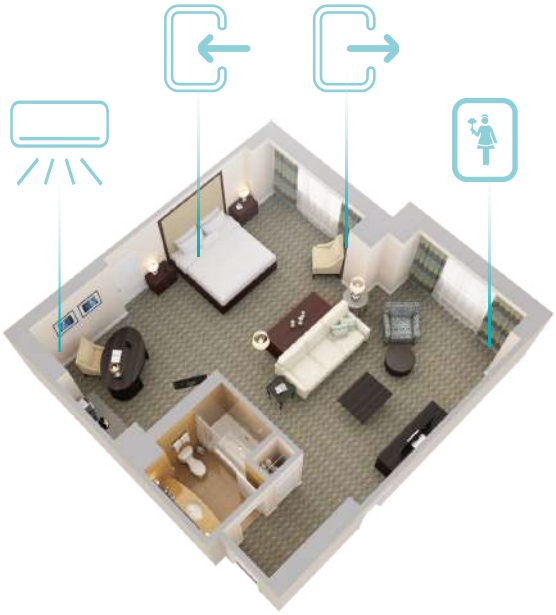
Hardware Features

- 1 x Signal Relay
- 2 x Analog Input
- 2 x Digital Input
- Buzzer Feedback

Internal Sensors

- Proximity
- Air Quality
- Temparature
- Lux
- Humidity

Interra KNX Sensors & Detectors



Presence & Motion Sensors

A unique combination of safety, efficiency, and comfort with the thinnest design in its class. With the new Interra KNX 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 Presence & Motion Sensors are multi-functional devices suitable for indoor usage with multiple-range detection capability from 11m to 48m and 2 color options.

Virtual Card Holder

Interra KNX Presence & Motion Sensors have an integrated Virtual Card Holder function for hotel applications. It provides an hotel applications. It provides an exceptional guest experience and increases the efficiency of energy management.

All in One

Interra KNX Presence & Motion Sensors has Presence, Brightness, Movement, Internal and External Temperature Detection features, 4 Independently Configurable Presence Channels for Constant Control Application,.

Wide Options

Interra KNX Presence & Motion sensors have 5 different types, 2 color options, and different range options for specific project needs from 11m to 48m reliable and comprehensive detection range.

Interra KNX 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

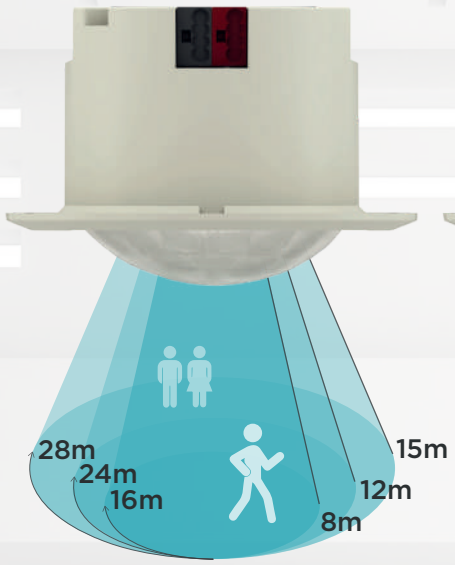
Interra KNX Presence Sensors

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

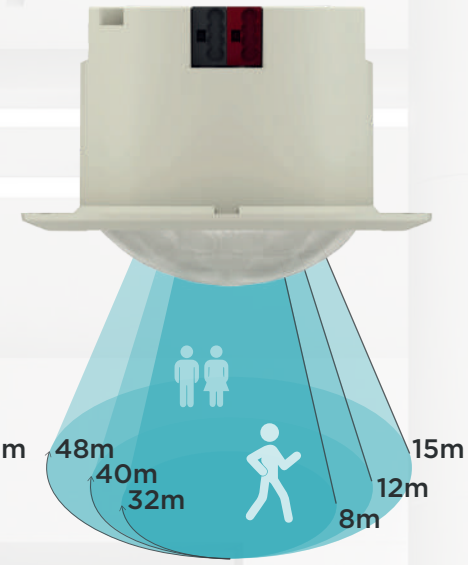
Interra KNX Sensors & Detectors

Interra KNX Motion Sensor Detection Ranges

KNX High-Bay
Motion Sensor

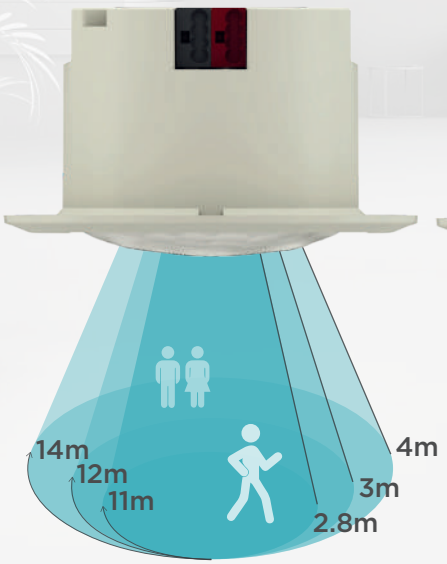


KNX High-Bay+
Motion Sensor

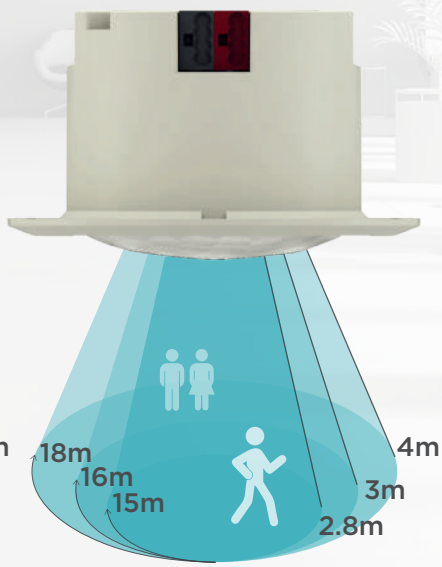


Interra KNX Presence Sensor Detection Ranges

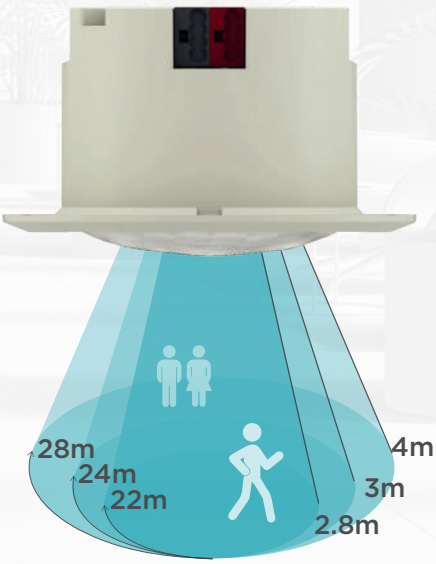
KNX Mid-Range
Presence Sensor



KNX Mid-Range+
Presence Sensor



KNX Wide-Range
Presence Sensor



Interra KNX Sensors & Detectors

Interra KNX Presence Sensor Series

KNX Mid-Range Presence Sensor- White

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

KNX Mid-Range+Presence Sensor - White

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

KNX Wide-Range Presence Sensor - White

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

KNX Mid-Range Presence Sensor - Black

Product Code	Dimensions (Φ x H)	Notes
ITR415-0101	70 × 41,8 mm	Requires professional KNX installation.

KNX Mid-Range+Presence Sensor - Black

Product Code	Dimensions (Φ x H)	Notes
ITR415-0102	70 × 41,8 mm	Requires professional KNX installation.

KNX Wide-Range Presence Sensor - Black

Product Code	Dimensions (Φ x H)	Notes
ITR415-0103	70 × 41,8 mm	Requires professional KNX installation.

Interra KNX Sensors & Detectors

Interra KNX Motion Sensor Series

KNX High-Bay Motion Sensor - White

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

KNX High-Bay+Motion Sensor - White

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

KNX High-Bay Motion Sensor - Black

Product Code	Dimensions (Φ x H)	Notes
ITR415-0104	70 × 48 mm	Requires professional KNX installation.

KNX High-Bay+Motion Sensor - Black

Product Code	Dimensions (Φ x H)	Notes
ITR415-0105	70 × 48 mm	Requires professional KNX installation.

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.

Interra KNX Sensors & Detectors

Outdoor Type KNX Motion Sensor Series

Outdoor KNX Movable Motion Sensor - White

Product Code	Dimensions (W×H×D)	Notes
ITR410-0003	Wall Mount: 150x84x90	For ceiling mounting 166x111x90 mm

KNX Microwave Sensor Series

KNX Indoor Microwave Sensor Ceiling Mount - White

Product Code	Dimensions (Φ x H)	Notes
ITR411-0001	84.5 x 32 mm	Requires professional KNX installation.

KNX Outdoor Microwave Sensor Wall Mount - White

Product Code	Dimensions (W×H×D)	Notes
ITR411-0002	126 x 78 x 114 mm	Requires professional KNX installation

KNX Water Flood Detector Series

KNX Water Flood Detector

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

Interra KNX Sensors & Detectors

KNX Air Quality Sensor Series

KNX Air Quality Sensor - White

Product Code	Dimensions (Φ x H)	Notes
ITR403-1010	90 x 30 mm	Requires professional KNX installation.

KNX Heat and Smoke Detector Series

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.**

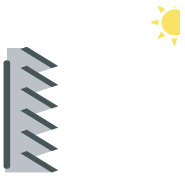
Interra KNX Weather Station GPS

Let your
home
decide
everything
for you!

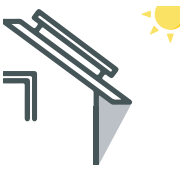
Extra intelligence for your home

Interra Weather Station lets your smart home system knows 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.

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.

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.

Interra KNX / AC Gateways

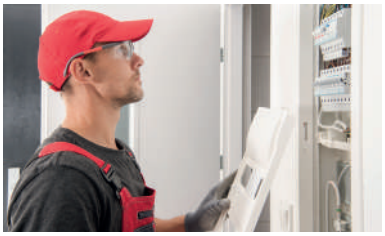
Reliable Integration for ACs

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

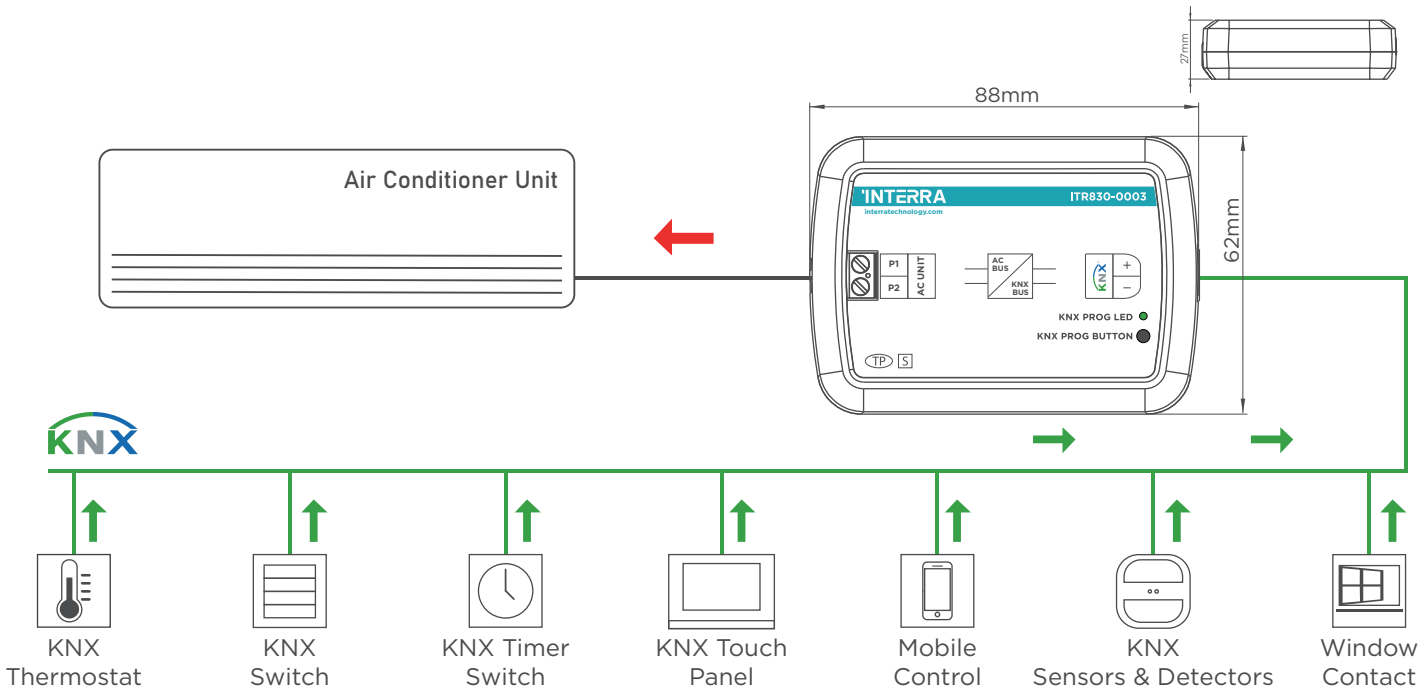
Easy to Setup

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

Interra KNX / AC Gateways

Energy-saver and Comfortable Scenarios

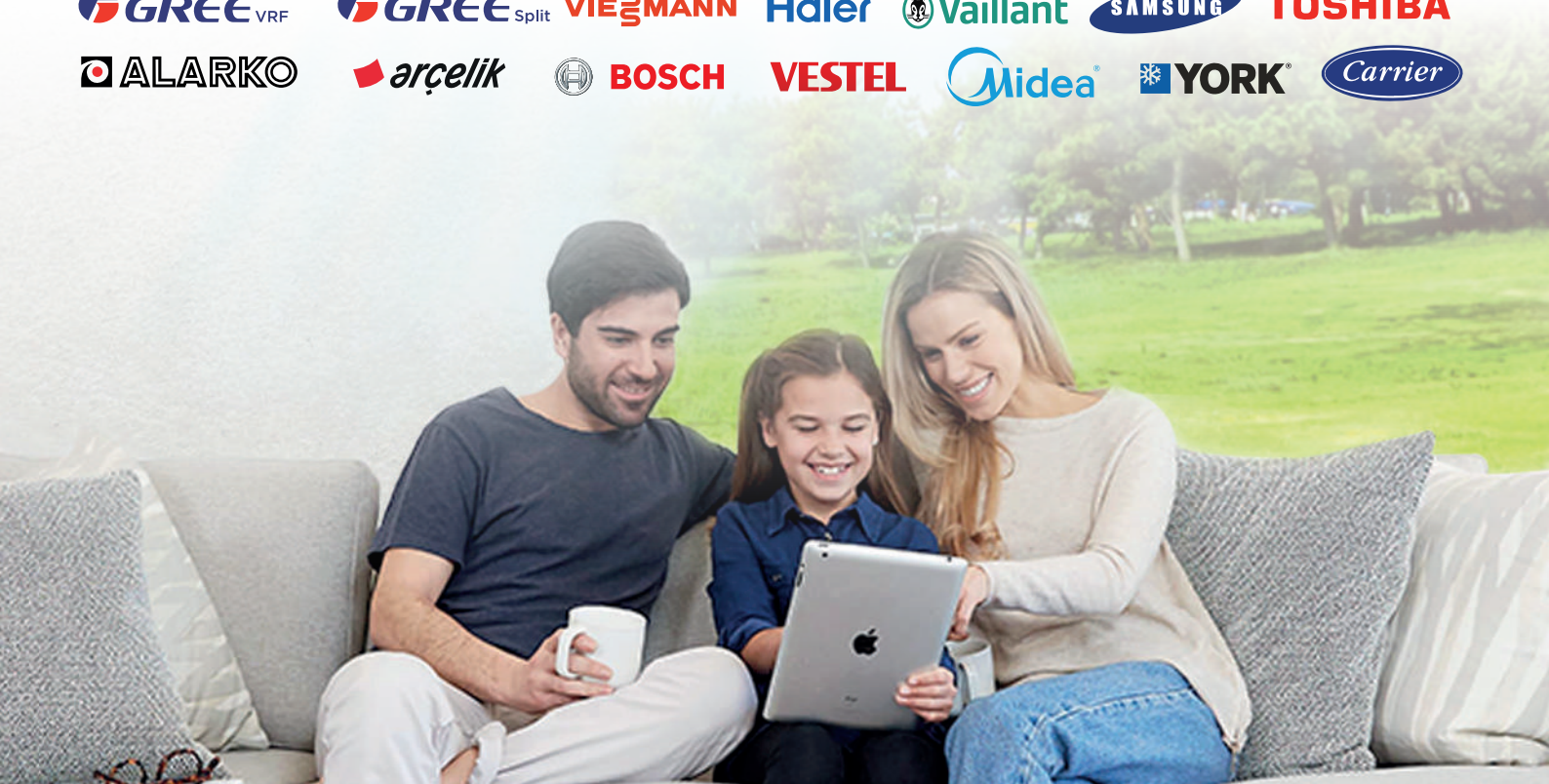
Interra AC / KNX Gateways have a very easy installation and can be installed into the AC indoor unit or a proper location away from the air conditioners. Its one side is connected directly to the electronic circuit of the AC indoor unit and on the other side directly to the KNX bus. It allows you to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



DAIKIN Sky · DAIKIN Split · LG · MITSUBISHI HEAVY INDUSTRIES · MITSUBISHI ELECTRIC · DemirDöküm

GREE VRF · GREE Split · VIESMANN · Haier · Vaillant · SAMSUNG · TOSHIBA

ALARKO · arçelik · BOSCH · VESTEL · Midea · YORK · Carrier



Interra KNX / AC Gateways

KNX / AC Gateways Series

Mitsubishi Electric AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0001	88 x 62 x 27 mm	Requires professional KNX installation.

Daikin Split AC - KNX Gateway - Indoor Unit Type

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

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

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

Mitsubishi Heavy AC - KNX Gateway - Indoor Unit Type

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

Samsung AC - KNX Gateway - Indoor Unit Type

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

Samsung AC - KNX Gateway 4 Channel - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0504	88 x 62 x 27 mm	Requires professional KNX installation.

Interra KNX / AC Gateways

KNX / AC Gateways Series

Samsung AC - KNX Gateway 8 Channel - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0508	88 x 62 x 27 mm	Requires professional KNX installation.

Samsung AC - KNX Gateway 16 Channel - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0516	88 x 62 x 27 mm	Requires professional KNX installation.

Samsung AC - KNX Gateway 32 Channel - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0532	88 x 62 x 27 mm	Requires professional KNX installation.

LG AC - KNX Gateway - Indoor Unit Type

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

Arçelik AC - KNX Gateway - Indoor Unit Type

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

Viessmann Homebus AB Port AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0008	88 x 62 x 27 mm	Compitable with Homebus AB Port
ITR830-0022	88 x 62 x 27 mm	Compatible with ABC Port **(Coming Soon)**

Interra KNX / AC Gateways

KNX / AC Gateways Series

Gree VRF AC - KNX Gateway - Indoor Unit Type

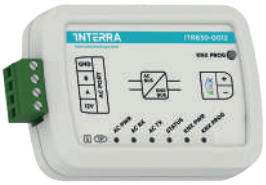
Product Code	Dimensions (W×H×D)	Notes
ITR830-0009	88 x 62 x 27 mm	Requires professional KNX installation.

Vaillant VRF AC - KNX Gateway - Indoor Unit Type

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

Demirdokum VRF AC - KNX Gateway - Indoor Unit Type

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



Gree Multi Split AC - KNX Gateway - Indoor Unit Type

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

Midea VRF AC - KNX Gateway - Indoor Unit Type

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

Toshiba VRF AC - KNX Gateway - Indoor Unit Type

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

Interra KNX / AC Gateways

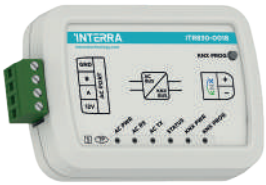
KNX / AC Gateways Series

Viessmann Multi Split AC - KNX Gateway - Indoor Unit Type

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

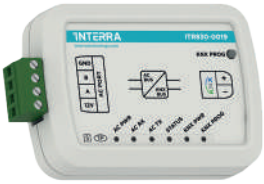
Bosch VRF AC - KNX Gateway - Indoor Unit Type

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



Alarko VRF AC - KNX Gateway - Indoor Unit Type

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



Carrier VRF AC - KNX Gateway - Indoor Unit Type

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

Haier VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0020	88 x 62 x 27 mm	Requires professional KNX installation.

York VRF AC - KNX Gateway - Indoor Unit Type

Product Code	Dimensions (W×H×D)	Notes
ITR830-0021	88 x 62 x 27 mm	Requires professional KNX installation.

Interra 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

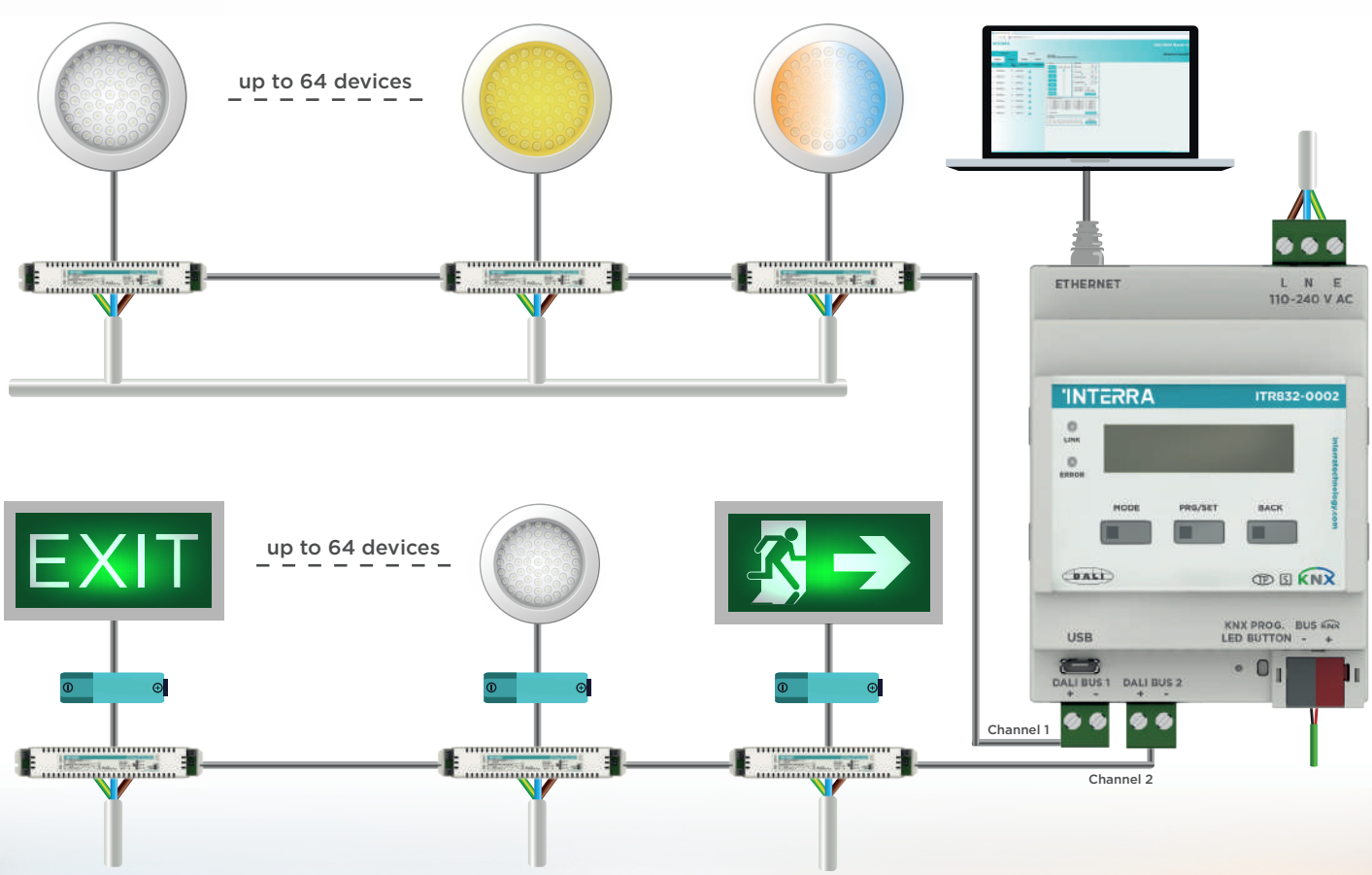
Individual Lighting Control

Combined Lighting Control and Emergency Lighting Functions

Improved Energy Efficiency with Constant Lighting Control

Flexible Lighting Experience with Lighting Groups

General Connection Diagram



Interra 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
DALI Line Current Con.: 1 x 250 mA

Power Consumption: 6 W
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
DALI Line Current Con.: 1 x 250 mA

Power Consumption: 13 W
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
DALI Line Current Con.: 1 x 250 mA

Power Consumption: 6 W
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
DALI Line Current Con.: 1 x 250 mA

Power Consumption: 13 W
DALI Voltage: Typical 19 V DC

Interra KNX Gateways

Other KNX Gateway Series

Interra KNX / DMX Gateway

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

Interra KNX / IR Gateway

Product Code	Dimensions (W×H×D)	Notes
ITR420-0001	45 x 45 x 16 mm	Requires professional KNX installation.

Technical Details

Transmitting Wave Frequency: 38 Khz

Emitting Distance: 7 m

Interra KNX Input Modules

KNX Input Module Series

KNX Binary Input - 2 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR102-0000	40 x 10 x 40 mm	Requires professional KNX installation.

KNX Binary Input - 4 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR104-0000	40 x 10 x 40 mm	Requires professional KNX installation.

KNX Binary Input - 6 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR106-0000	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

KNX Input Module - 12 Channel

Product Code	Dimensions (W×H×D)	Notes
ITR112-0000	90 x 36 x 71 mm	Requires professional KNX installation. 10 Digital 2 Analog Input or 12 Digital

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

Interra Smart Building 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.

Interra Smart Building Servers

Smart Building Server Series

Interra KNX Home Server

Product Code	Dimensions (W×H×D)	Notes
ITR800-0001	170 x 65 x 90 mm	Requires professional software installation.

Interra KNX IP Control

Product Code	Dimensions (W×H×D)	Notes
ITR850-0001	144 x 90 x 64.5 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.

Interra Concierge Server

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

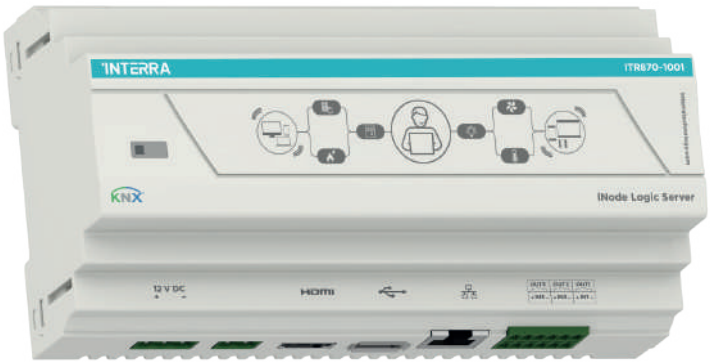
Interra SIP Server

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

Interra Elevator Control Server (TCP/ IP)

Product Code	Dimensions (W×H×D)	Notes
ITR860-0001	170 x 65 x 90 mm	Requires professional software installation.

Interra Smart Building 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

KNX · BACnet · Modbus · IFTTT · MQTT · WebSockets

Direct BMS Integration

NETx AUTOMATION · TRIDIUM · BECKHOFF

3rd Party Integrations

FIDELIO · Opera · ASSA ABLOY · OnQ

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

Interra Smart Building Servers

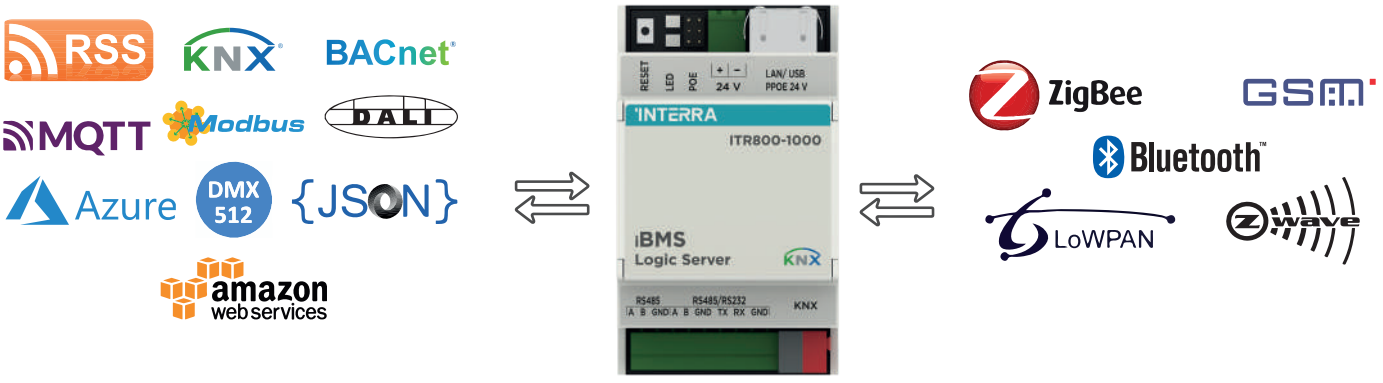
iBMS Logic Server

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 straight-forward 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.



Interra iBMS Logic Server

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

Interra KNX DND / MUR Modules

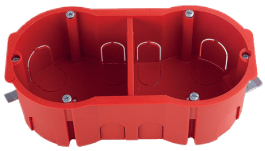
KNX DND / MUR Module Series

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×DxΦ)	Notes
ITR165-9004	145 x 50 x 96 x 72 mm	Standard 2 Gang Hollow Wall Box.

100% Project Solution with One Brand

Complementary Smart Building Products by Interra

Video Outdoor Stations

Video Outdoor Stations

Video Outdoor Stations

Villa Type Intercoms

Villa Type Intercoms

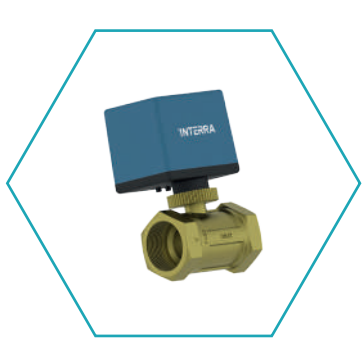
SIP Management Center

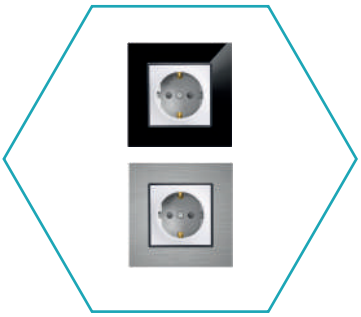
EIO Modules

DALI Master

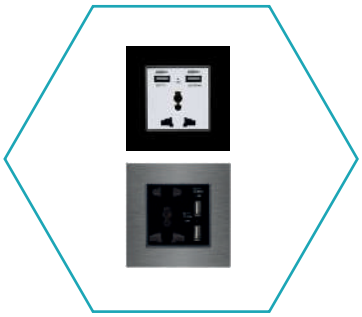
DALI Sensor

DALI Binary Input


Control Valves


EU Type
Switch & Sockets

UK Type
Switch & Sockets


Universal
Switch & Sockets

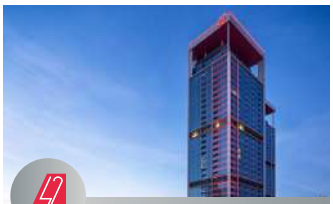
For more products and information please visit **interratechnology.com**

Residential References

More than 2500 residence references globally.

Vadi Istanbul

Çiftçi Tower


42 Maslak

Ala Çamlıca Konakları

Avrupa Konutları Çamlıvadi

Bilkent Nazende

Mirabad Avenue

Emaar Sqaure

Epique Island

Iconova

İnci Villas

Kobisan Houses

Kuzu Effect

Merkez Ankara

Mesa Orman

Mesa Koz

Neva Üsküdar

Nidapark İstinye

Park Joven

Referans Başakşehir

Sinpaş Altınoran

Skyland

YDA Söğütözü

Torun Center

For more information please visit **interratechnology.com**

Residential References

More than 1700 villa references globally.

West Gate

One Tower

Yedimavi Residence

Atılgan Royal 2

Panaroma Gaziantep

Ulu Residence

Avrupa Konutları Ataköy

Derin Sitesi

Project Parque Avenue

The Harrington Collection

ELLS Kartal

Sea On Mamaia

Levent Life 2

Istbloom

Ritim Istanbul

Avcılar Exclusive

Avrupa Konutları Yamanevler

The Mandarins

Sabran

Forest On Baneasa

Mistral Tower

Next Level

Roya Nova Residence

AcarBlu

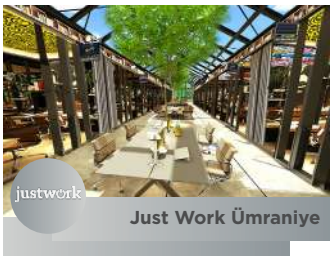
For more information please visit **interratechnology.com**

Commercial References

More than 430 commercial references globally.

SOCAR Headquarters

Samsung Africa Headquarters



Just Work Ümraniye

PSA Building

Melbourne Southbank

Sinpas Holding Headquarters Building

Daikin Turkey Hendek Factory

Özyeğin University

Atasehir Bulvar 216 Shopping Mall

Vadi İstanbul Shopping Mall

Kuzu Effect Shopping Mall

Vadi Istanbul Liv Hospital

Istanbul Finance Center Halk GYO

Istanbul Finance Center Ziraat GYO

Istanbul Finance Center İş GYO

Iller Bank General Directorate Building

Istanbul Airport

THY Directorate of Maintenance and Repair

Gaziantep Airport

Victorian Health Building Authority Australia

Taksim Mosque

Çamlıca Mosque

Alsancak Stadium

Alternatif Bank Headquarters

For more information please visit **interratechnology.com**

Hotel References

More than 200 hotel references globally.

179 Rooms — Basqal Hotel

249 Rooms — Ibis Hotel Kazakhstan

274 Rooms — Premier Hotel Ukraine

84 Rooms — Caresse, a Luxury Collection Resort & Spa

10 Rooms — Hotel Shelest Vyshgorod Ukraine

195 Rooms — Vadi Istanbul Radisson Blu Hotel

215 Rooms — Shabran Hotel

35 Rooms — Ant Mare Hotel

300 Rooms — Hyatt Regency Taşkent

241 Rooms — Radisson Blu Hotel Dakar

320 Rooms — Kozyatağı Hilton Hotel

316 Rooms — Ataşehir Double Tree by Hilton Hotel

174 Rooms — Erzurum Hilton Garden Inn

480 Rooms — NG Phaselis Bay

165 Rooms — Sheraton Hotel

259 Rooms — Tuzla Crown Hotel

133 Rooms — Ottomare Hotel

248 Rooms — Hyatt Regency

259 Rooms — Fulya Marriott Hotel

553 Rooms — Conrad Istanbul Bosphorus

291 Rooms — NG Sapanca Wellness & Convention

259 Rooms — Le Meridien Hotel

350 Rooms — Apart Hotel Broadway Em Matosınhos

120 Rooms — Hilton Dalaman Sarıgerme Resort&Spa

For more information please visit **interratechnology.com**

INTERRA
Developer of Uniqueness