

INTERRA

SMART
BUILDING
AUTOMATION
SYSTEMS

YONNET

Smart Buildings Automation System

SMART BUILDING AUTOMATION SYSTEMS

Innovative solutions
which makes easy your life...

INTERRA

New standards



Smart buildings are redefined by Interra

We offer unique solutions for touch panels, software products, other hardware and smart building automations with Interra. Alongside exclusive concierge services we provide for residences; we create personal and project-specific boutique hardware and software solutions.

Along with these services, we provide building concept consultancy service to many construction companies above a certain scale.

Yönnet
Turkey's fast growing
R&D company...

Manage your life with Interra solutions...

As Interra brand, we produce smart building and automation systems and give R&D service at the same time. With our highly equipped staff, we are the R&D company making the fastest progress in the sector. We support our projects developed by our expert engineers with our innovative and ever-growing product range. When achieving this, we produce the basic materials we use for our products by using completely local sources.

In addition to the technology solutions we offered, we put our signature under many projects making a major contribution to the national economy, in cooperation with Tübitak. The most important issue we pay attention when using Smart Building Automation Systems technology for our projects is to perform our works in harmony with nature.

Makes itself admired

Interra mini, more comfort and more control with the new generation unique touch panels.



Single device, many features



Imini says "hello" with 2 different types of touch panels and touch switches.

GENERAL INFO

6.5" Touch screen
Capacitive Multi-touch
Temperature sensor
Ambient sensor
IR Transmitter
Microphone
Speaker



Imini

Contents

09 SOLUTIONS

Residence Solutions	10
Mobile Solutions	19
Hotel Solutions	22
Customised Solutions	30

32 PRODUCTS

Interra Touch Panel	34
Imini	36
Iswitch	38
Interra Intercom	40
KNX Modules - Interra Combo Module	42
Interra Gateways	44
KNX Modules - Input Module	46
Interra EIO	47
Interra SIP/IS Server	48
Power Supply	49
DND/MUR	50

53 REFERENCES

10	19	22	34	36
Rezidans Çözümleri	Mobile Solutions	Hotel Solutions	Interra Touch Panel	Imini

Sustainable comfort, saving energy and safety, all in Interra.



It has been never so easy to control your house. All the functions you need may be controlled and captained by Interra touch screen or your smart devices. By means of smart solutions provided, you will not have to worry about incidents such as burglars breaking in, light left on, or a broken window glass. Feel the difference of safety and comfort by managing all the solutions on a single platform with Interra.

Interra Comfort

You can do all the adjustments you need in the exhausting pace of your daily works with the touch panel. You can book a place for spa, call a taxi, see the announcements and messages from the residential management. If you wish, you can also control these exclusive services on your smart devices.

Energy Saving

Performing all the controls in your house within the scenarios, you can set the most appropriate energy level for your needs by yourself. With automatic measurements performed by the system, you can maintain the control of the functions like lighting, heating and cooling in living spaces over a single panel. By this means, you can save by avoiding unnecessary energy losses.

Everything's Fine

One of the biggest challenges of the modern world is the problem of access to information. By means of residential management integration, you can access to all of your data over a single screen in the most accurate and fastest way. Besides, by the mobile integration system, you can connect to all of your data through your smart devices.

Be Secure

By means of the solutions that maintain your safety without any problem, you can monitor all your security system including the safety warnings such as breaking of a window glass over your mobile devices and intervene. By this means, you can make sure of your safety and concentrate on your daily works more easily.



Feel the difference

Yönet Solutions

Innovative solutions
which makes easy your life..



Residence Solutions

The most special solutions are meeting you with the privilege of Interra. It's time to get rid of dozens of tiresome control mechanisms. All the controls needed in residences may be performed over a single point easily with Interra. Enjoy savings by performing control with Interra smart residence solutions.

Hotel Solutions

It is the most important priority of hotels to ensure the customer satisfaction and to create appropriate solutions for the problems encountered in the hotel and get prompt results as well. Through the EIO Module, you can reach the right solution in the fastest way by managing all the control mechanisms from a single location. You can program the central server software and room-oriented scenarios via the network via the EIO module developed for hotel automation; so you can provide comfortable service for your guests in a simple and efficient way. Let your customers experience the service comfort which provides savings and convenience thanks to the EIO Module's adaptability to all systems.

Mobile Solutions

You can perform the control of the solutions offered for hotel, building, residence and all other constructions by Interra through your smart devices. So, you can remove the concerns about the lights left on or the possibility of fires from your daily worries; and you can focus on your life and yourself.

Customised Solutions

The most special solutions for all imaginable needs are offered in the most professional way with Interra. Thanks to project and solution offers developed by our expert engineers, all the projects you dream come true.

Decide on your life scenario by yourself

Via Interra Touch Panel, execute all the applications you need just with a small touch.

You don't have to deal with tens of systems at your home by yourself. You can easily control the video intercom, lights, heating system, jalousies and alarm system by the help of a single control display. You can activate the scenarios you set before for the time you are not at home, and make sure that your house is in safety.

Communication, Intercom

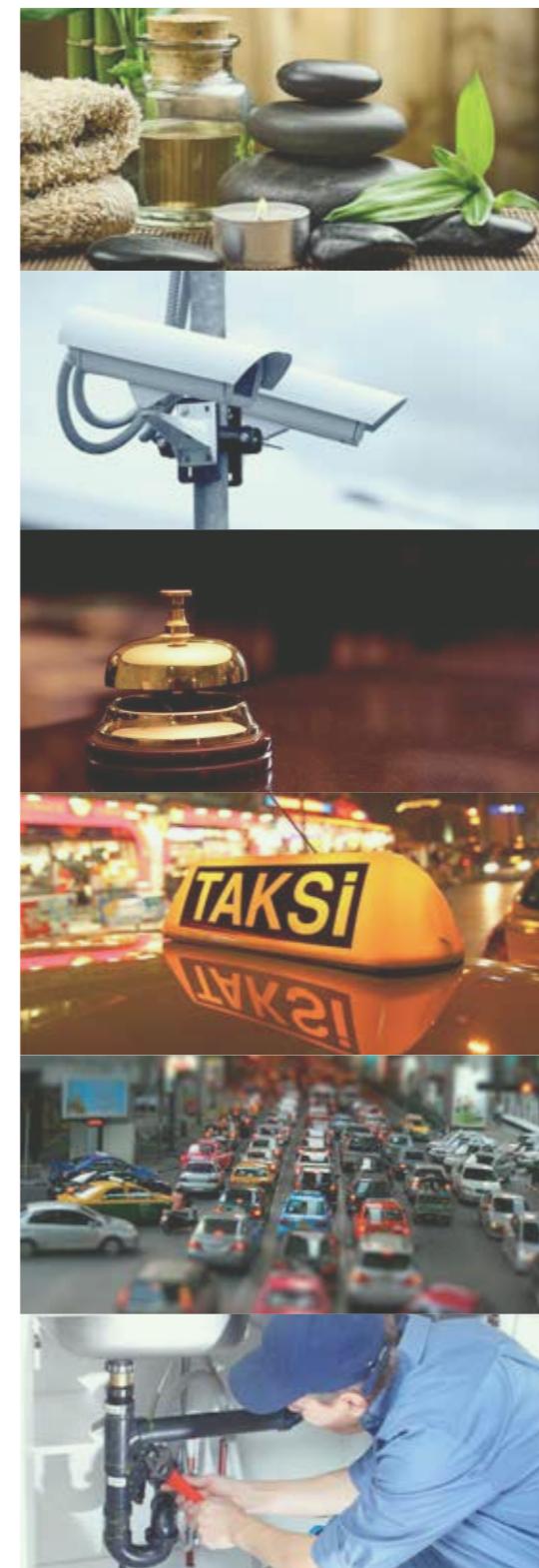
You don't need to be worried about how you can communicate with your guests more easily anymore. Over the IP based phone and video intercom in front of the building, you can greet the guests at your door, communicate with them if you wish.

Concierge

The services menu offers the solution key of all the problems you can encounter in your house. Taxi for your guests, janitor for your house's daily cleaning, valet for your car... Everything you need is available on the services menu.

Road Conditions

Perhaps the biggest problem in crowded cities to be overcome is traffic jam. You can prefer a more streamlined route by finding out the most appropriate route with the road conditions information provided over the internet. By this means, traffic will be no longer a nightmare within the day by the help of the reliable road condition information.



5-star life comfort by Interra...



Announcements, Invoices

You can have information about all your invoices and fees; see the announcements from the residential management through your mobile devices instantly.



Financial Markets

You can direct your investments by following the changes in foreign currencies and gold with instant data obtained from the Central Bank.



Timer, Scenarios

All the scenarios you configure are started with a single touch when going out or arriving at home. You can also create time-based scenarios that you want to carry out and enjoy the comfort you desire within the time period which you determine before.



Air-conditioning

Unused systems are no longer a reason for unnecessary energy consumption. With Interra airconditioning solutions, you can determine the active working time of heating-cooling functions of your house. You can save thanks to air-conditioning system adapting your house with a perfect integration.



Weather Forecast

On Interra's screen you can see the instant weather forecast in your local.



Alarm, Security

You can avoid the potentially bad scenarios at home thanks to residential management system that is compatible with alarm and security systems. The residential management system may be integrated with other electronic devices, therefore, in case of danger, residential management is informed via message and security is provided instantly.



Lighting

Reach at the lighting level you desire along with savings by performing all lighting controls through a single touch panel.

Residence Solutions



Lighting

With Interra, your living spaces experience the age of enlightenment. By controlling the lighting systems in your living spaces with Interra technologies, you can provide the desired lighting perfectly.



Air-conditioning

With Interra air-conditioning solutions, you will feel the spring breeze in your living spaces during all seasons. You can control heating-cooling systems in your living spaces over a single center, and determine their working time. So, you can reach the temperature level you desire along with savings.



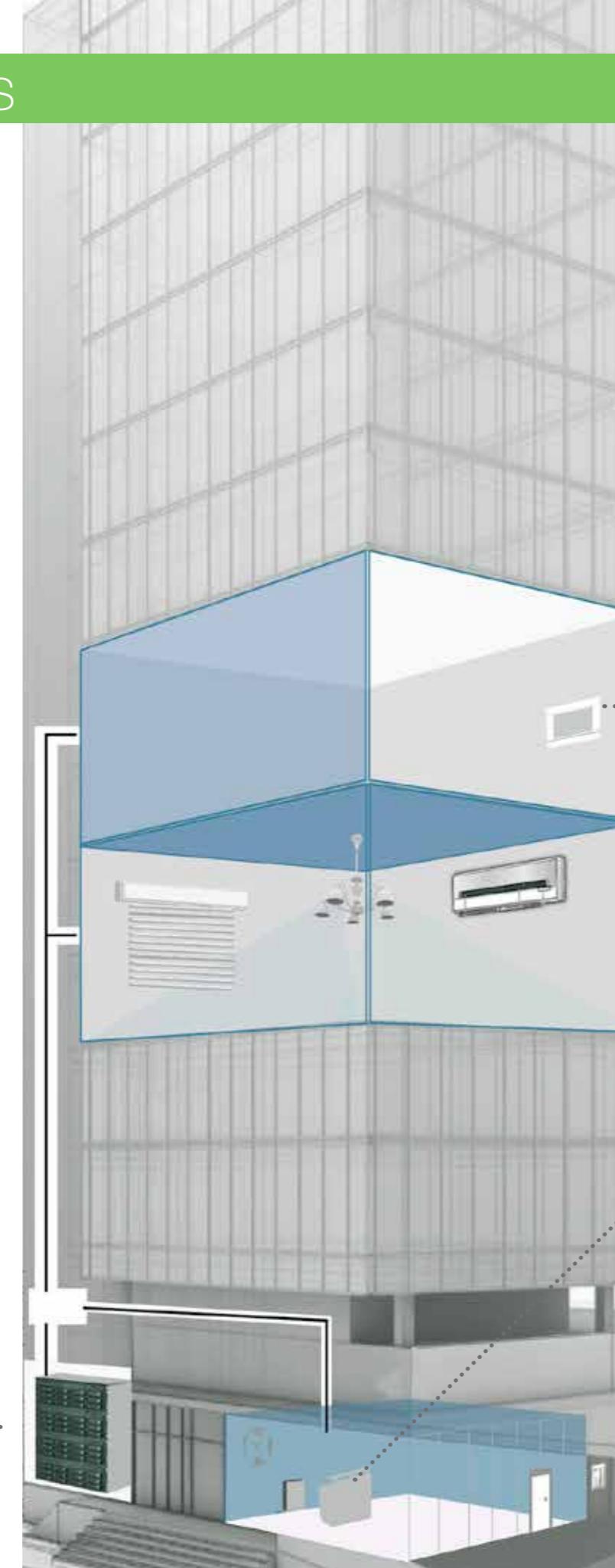
Curtain-Blind

You can inspire your living spaces by controlling your curtains-blinds through the touch panel.



Counter Meter

Thanks to smart metering equipment keeping your invoices at a reasonable level, you will be able to be informed about monthly amount of energy consumed at home.



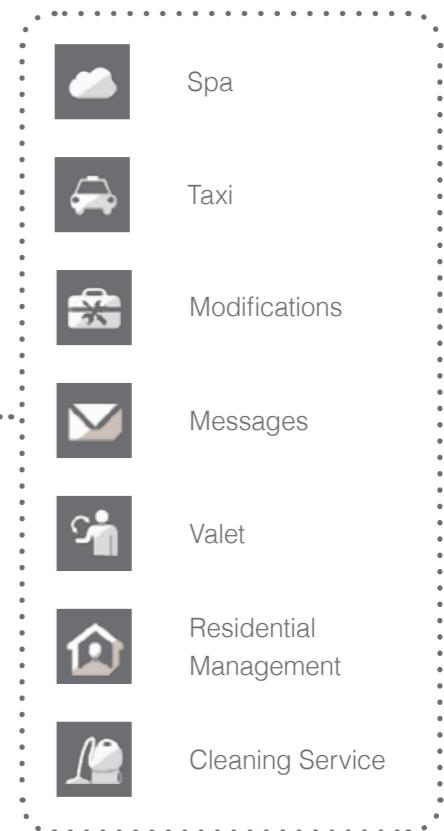
Rack kabin

- SIP Server
- Concierge Server
- Network Products
- Firewall

Interra comfort in residences...

Enjoying the comfort in residences is just a click away. Everything needed in residences from calling a janitor to calling a plumber, from calling a taxi for the guests to valet service, is carried out instantly with Interra Touch Panel.

- Interra Touch Panel
Interra Concierge Server



- Reception
IP-based communication



- IP Telephone
- Camera

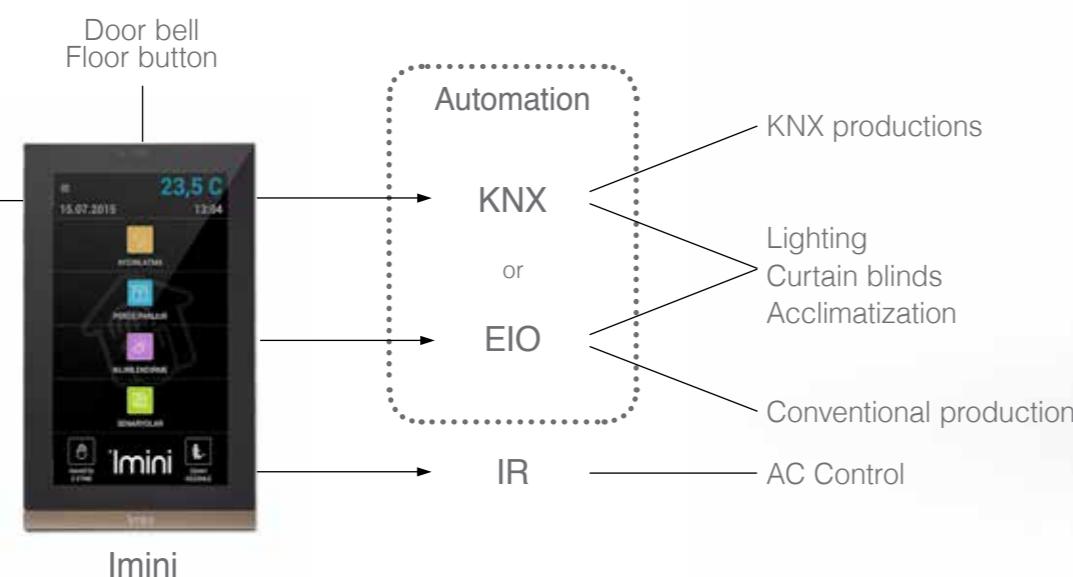


- Intercom
Ring panel with also providing camera

Imini

The new generation touch-panel Imini opens the doors to a new lifestyle of housing. By providing more control, Imini meets you to a simpler life. Will be a significant helper with its features by having building communication applications (intercom and concierge services), messaging management, and receiving announcements.

- Dynamic user interface
- All automation controls
- Lighting, curtain blinds, acclimatization
- AC (Air conditioning)
- Concierge Services
- SIP intercom
- Messaging, announcements, suggestions and complaints



Frame options: Black, stainless steel, aluminum, or personal manufacture

Compact, strong, universal

Imini means the new control unit to all smart building technologies. All functions such as light on/off or dimming, curtain-blinds control or controlling the room temperature can be performed with ease.

New user interface provides automatic time-control functions programming or comprehensive scenario managing.

Imini enters our life by bringing different perspective with its vertical design and unlike its name it provides numerous attributes. Carrying the latest product to life with its simple interface, the product can be used effortlessly for each age group.

This creates great satisfaction in terms of the applicers; it can be comfortably mounted with double standard electrical boxes. By its slim design and stylish appearance it pleases architects.



Iswitch

Containing multi-functions within wide variety of materials and colors, Imini is preparing to take its place on stage with the latest technology of VATN Screen. Lighting and thermostatic controls are performed simply on screen as well as the home modes. With integrated lighting and temperature sensors it provides to command the places automatically.

- Working with KNX bus voltage, it does not require a power source
- Integrated temperature and humidity sensors
- Integrated light sensor (1/64k Lux)
- RGB status leds and blue steering leds
- Up to 12 Configuration Buttons
- Wide material and custom color options
- Color theme and contrast can be defined via ETS
- It can be used as stand-alone unit control room
- Automatic proportional integral control
- Room / living area adaptation
- Mechanical buttons on the back of the screen



white aluminum



rose aluminum



satin black aluminum



stainless



champagne aluminum



black glass

The new form of smart switch

PI CONTROL

Iswitch, with the new generation of automation switch can provide self-directing. For instance, the ambiance detector automatically adjusts the place's light level according to the change. Moreover, through Iswitch PI control feature, it can learn spontaneously and perform desired functions in the room.



KNX

Interra Intercom

It offers a unique elegance and comfort in building communications, the quality of communication in the SIP standard with interra touch-door unit. The story has started with traditional doorknop and came to the most technological point, Interra intercom.

GENERAL FEATURES

- Android operating system
- 5 Mp camera
- 120° camera angle
- 30° left and right rotatable camera
- Touch-screen
- Loudspeaker
- Optional screen protection application
- KNX input
- Slim elegant appearance
- Optional ability to view logo on screen



Color options; black, stainless steel, aluminum.

Smart building technology meets mobile devices...

Contrary to deal with each device, Interra provides the control of the system in your place. Through the agency of smart devices, switch off all the lighting if you wish to, or just make your room into a movie theater. Without even leaving your seat, you will be able to set rules for all devices in your place.

MENU in mobile software

- Smart home-control
- Scenarios
- Cameras
- The concierge services
- QR code reading feature and adjustment saving
- Other Menus (site management, messages, alarm and settings)



Automatically gets registered by mobile devices through reading the QR Code.



Smart building technology is now being realised exactly in mobile devices

Thanks to Interkom, you can welcome your guests with your voice and video.



INTERRA

By Interra VIP service for all our guests...

All services offered in hotels along with the combination of Touch Panel, KNX products and residence software solutions are provided with instant access dynamically.

A perfect service quality is provided in hotels with Interra. It is enough for you to look at the control monitor to meet the demands of your guests coming to the hotel precisely. So, when your guests press the "don't disturb" or "clean my room" button, you will have the opportunity to offer the fastest solution that is appropriate for their needs. Thanks to the solutions prepared considering all the situations that may be encountered in hotels, you can host your guests in the most comfortable way.

With the other features within the system, you can avoid operation of the air conditioners in case the windows are open and control all the lightings by the help of the button on the nightstand.

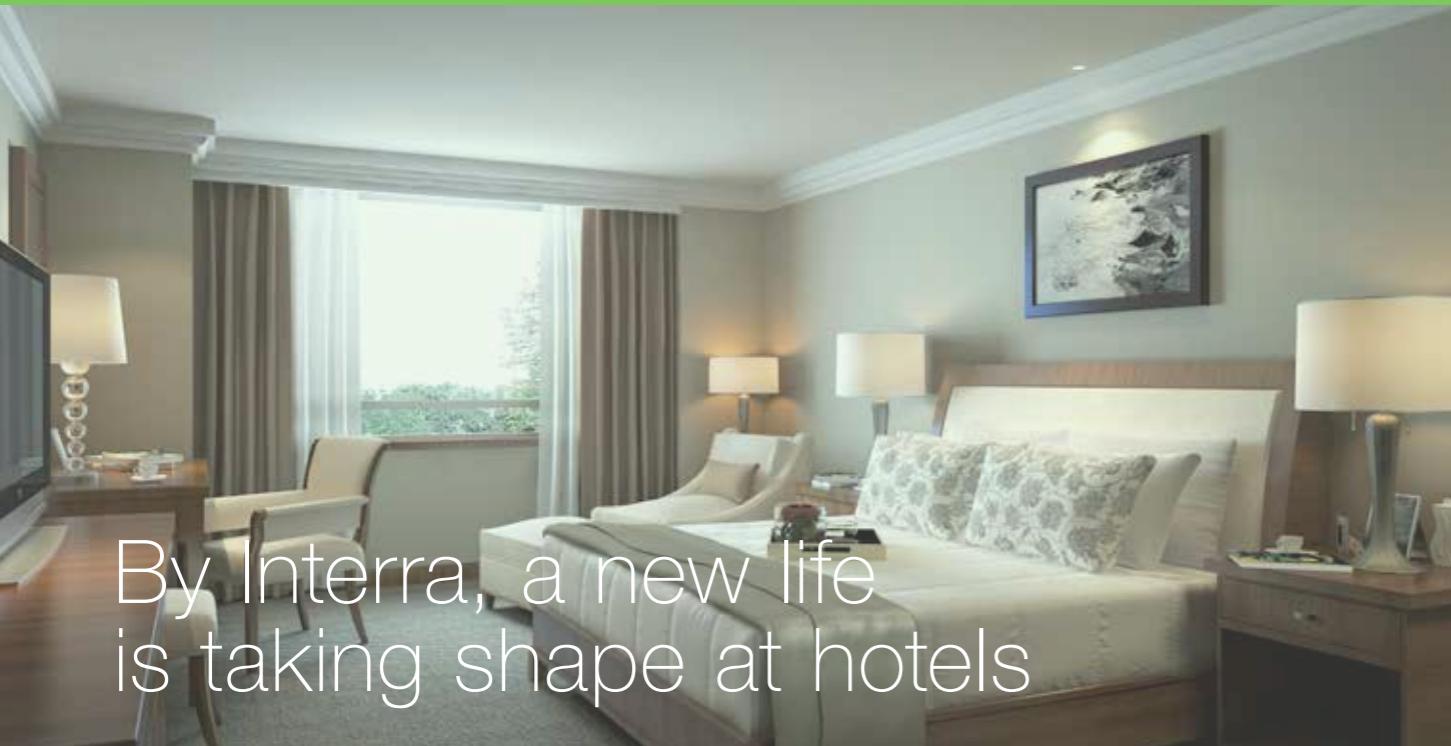
We give priority to customer comfort and high quality service in the tourism, hotel management and accommodation sectors.

We give particular importance to customer comfort and high-quality service manner in accommodation, tourism and hotel management sectors. You can meet the needs of your guests over your control displays in a fast and efficient way instantly. As soon as the hotel cards are inserted by your guests into the card readers available in the rooms, you can control and monitor all of their demands through a single screen. Thanks to preset scenarios for any situation, you can keep your high quality permanently.

With the I/O module that is integrated into the Hotel Management System, you can manage the central server software and room oriented scenarios over the network; so you will offer a perfect service for your guests in the easiest and fastest way.



Hotel Solutions



By Interra, a new life
is taking shape at hotels

You can meet your guests' needs easily by controlling your lighting, airconditioning and curtain-blind systems over a single center with Interra.

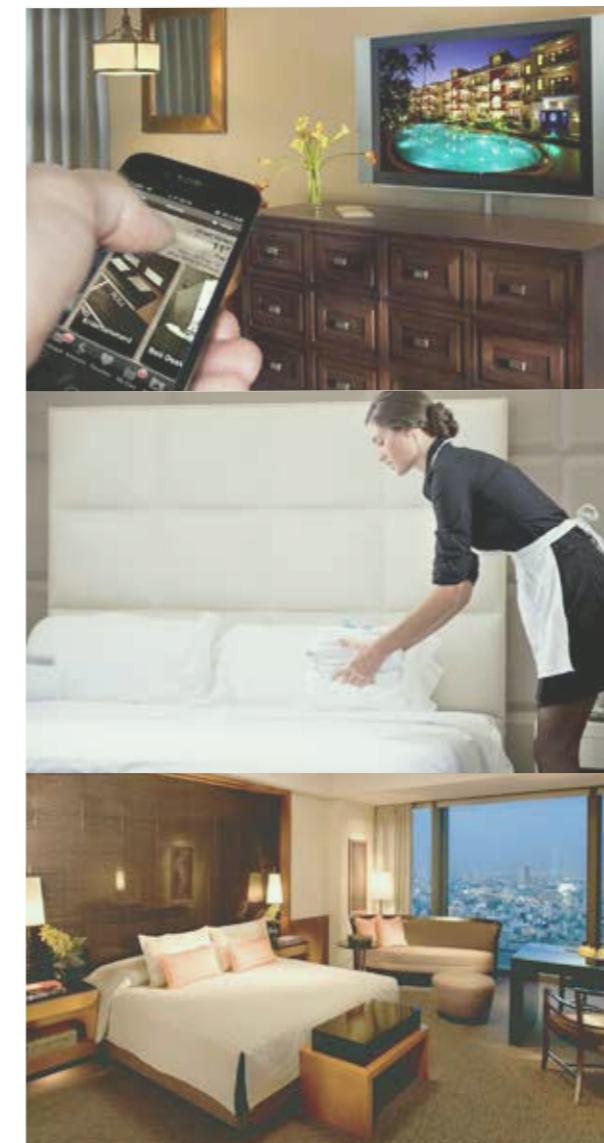


- Through the scenarios that make the service quality permanent at hotels, you can host your guests without any problem.
- Through its magnetic-contact control mechanisms working with card reader and sensors, you can meet all demands and needs of your guests without any problem.
- Temperature levels are kept constant within the predetermine scenarios and when employees enter the room, only the lighting system works.
- While your guests check in, the "check-in scenario" gets activate and the most ideal temperature level is set instantly.
- As soon as your guests enter their rooms, The "Wellcome scenario" gets activated automatically and the most ideal lighting level is created.

House Keeping
Check-out
Check-in

Sleep/Night mode
Custom Mode
Welcome
Air-conditioner cenario

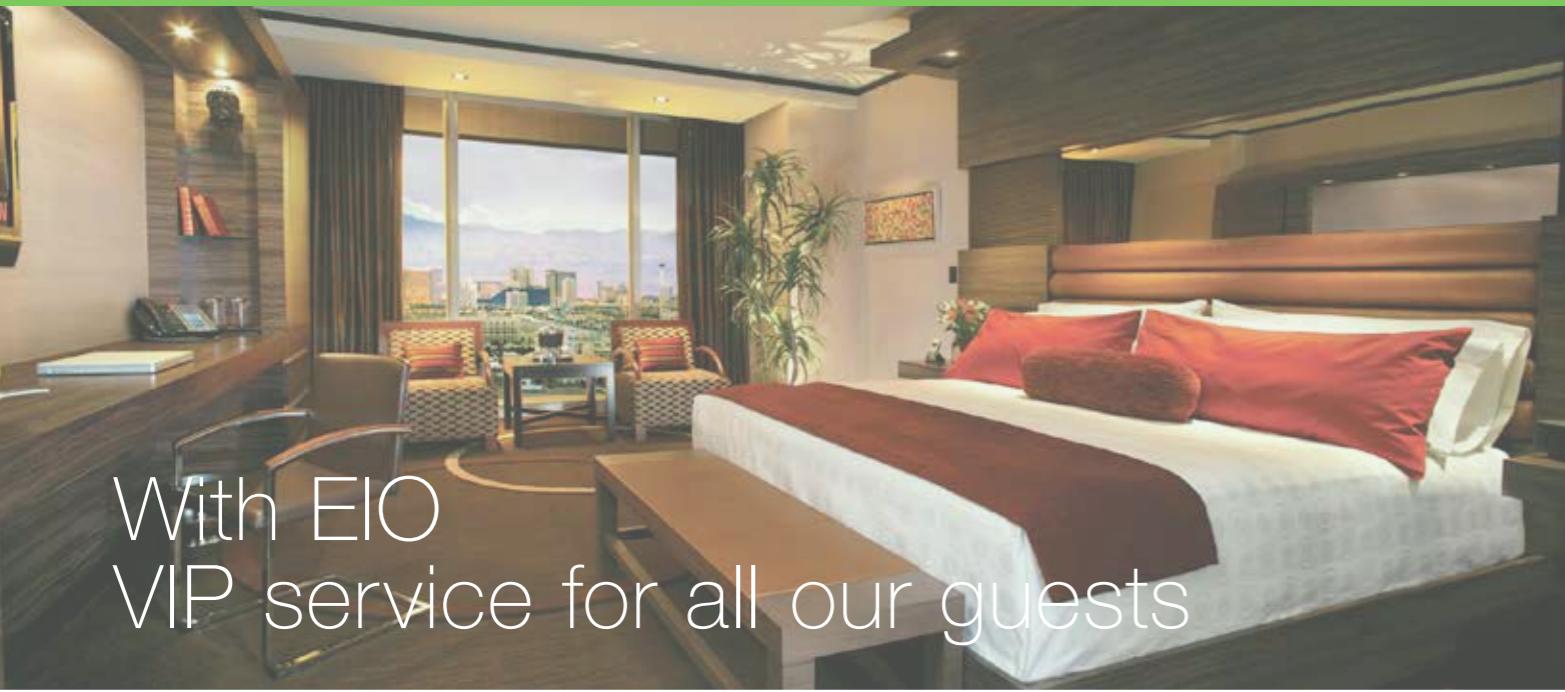
Through Interra, you contribute to energy efficiency by saving energy and maintain your comfort as well.



- When your guests press the buttons "don't disturb" or "clean my room" in the room, the notifications are transmitted instantly to the DND/MUR unit and the central server.
- When the room windows are opened, the air-conditioning system stops working automatically and prevents unnecessary energy consumption.
- To protect the electronics in the room from the cold, the room temperature is guarded and any negative situation is prevented in advance.
- Through the lighting system, your guests keep using their rooms with the last lighting level setting they left..
- The system provides comfort for your guests and savings for you by detecting whether the room is vacant or not.
- The lighting system was designed not to disturb your guests in entrances and exits.
- General scenarios are used to offer the same comfort to your guests in four seasons.
- Under bad weather conditions or when the sun becomes effective, the system activates the curtains - blinds of the rooms automatically.

Your demands determine the boundaries of the infinite scenario variety of Interra

Hotel Solutions



With EIO
VIP service for all our guests

With Interra technologies, while the control of living spaces is performed perfectly, cost-effective solutions are offered at the same time.

Interra EIO, meets all your needs quickly by communicating with the center over the network. With its special temperature and humidity inputs, it assumes the control of heating and cooling systems.

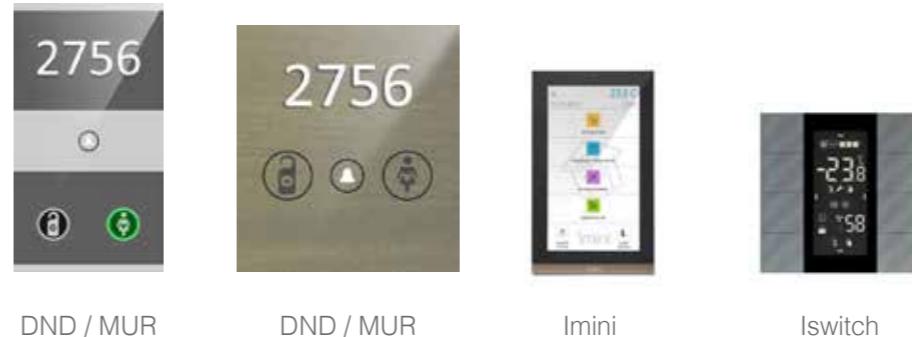
EIO 

FEATURE	EIO	KNX
Lighting Control	✓	✓
Curtain-Blind	✓	✓
FCU	✓	✓
Scenario Operating	✓	✓
Communication with the Server	✓	✓
Room Monitoring (IS Server)	✓	✓
DND Access	✓	✓
Dimm Control	✓	✓

KNX and EIO products provide all the solutions you need for your projects such as lighting, air-conditioning, curtain-blind control and integration with hotel management softwares.

Now EIO has integrated dimmer, so you don't need any additional device to dimm.

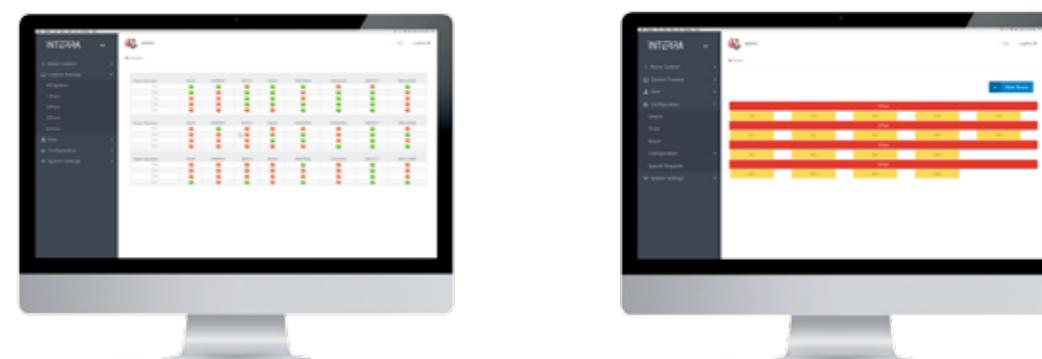
With KNX
Perfect service quality



DND / MUR DND / MUR Imini Iswitch

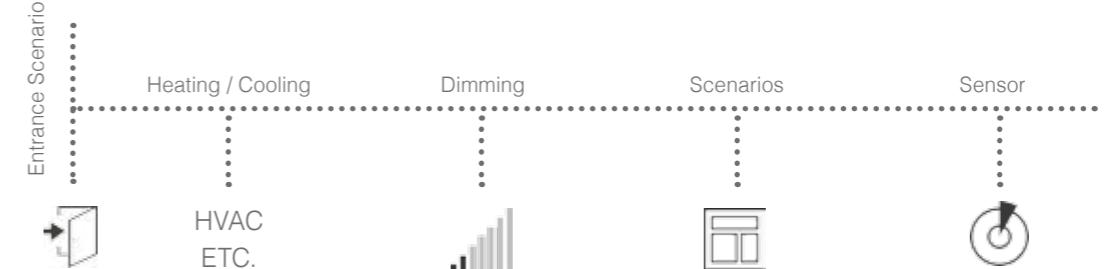
Comfort and savings are presented together with KNX products.

KNX products make your places easily controllable and enable you to make more than one action at the same time. Through Combo modules, touch panels, switches-sockets and detectors used in KNX system, you can perform the control of curtain-blind, air-conditioning and lighting easily. All the products used in KNX system are certified and passed all the required tests.



IS Server (Hotel Management Software)

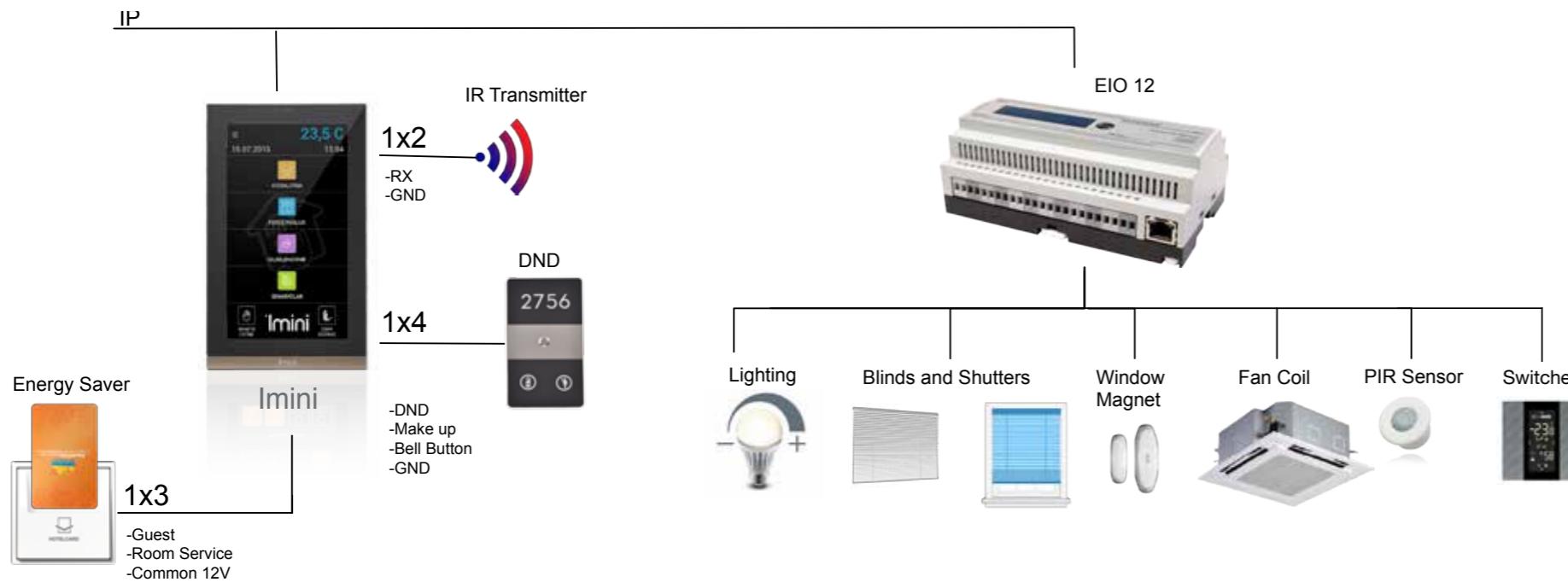
Hotel Room



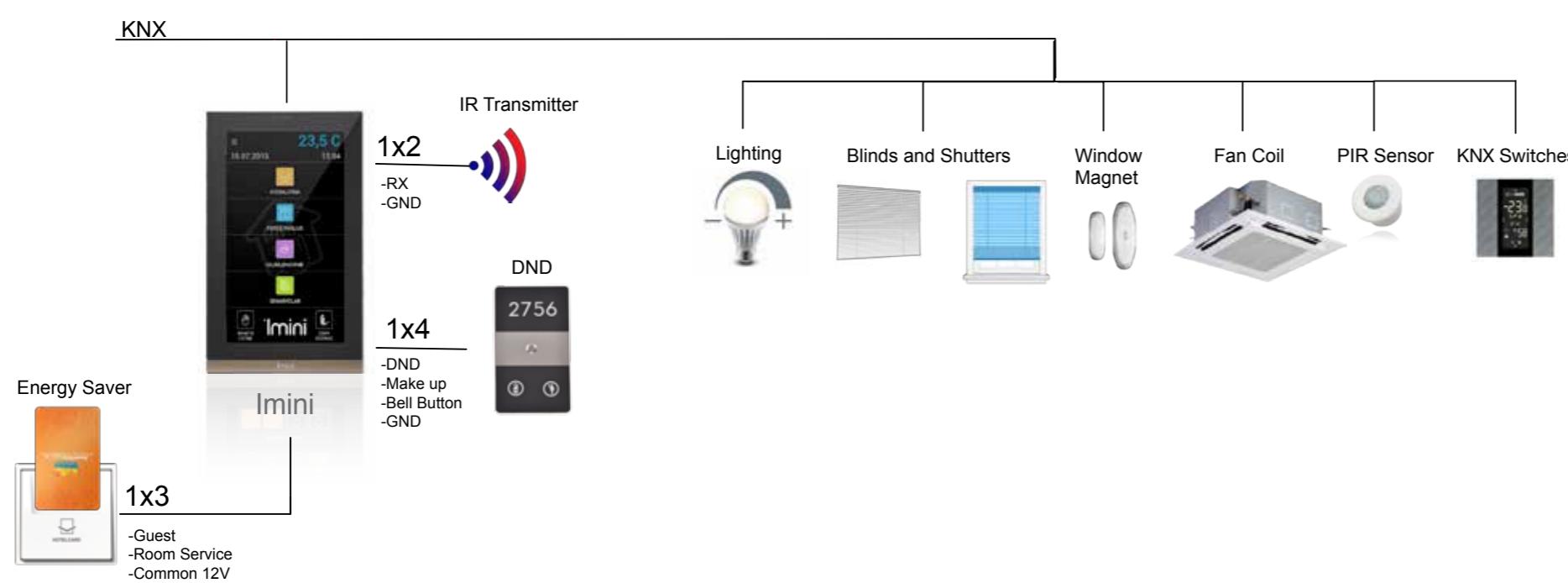
Hotel Solutions

Room control structure

HOTEL USE CASE: IP



HOTEL USE CASE: KNX



Manage your life with
the thermostats feature

Imini makes possible;

- Imini can be used as a thermostat as well as switch, so more economical and comfortable solutions it can provide.
- With Interra App your guests can control the rooms via mobile.

Either through mobile or Imini your guests can assign "Clean my room" and "Do not disturb" signals. The signals and requests can be received instantly by Interra hotels server, so the staff gets informed. The main purpose is to improve the quality of service. Offering the comfort to the guests, that they can't find in their home, is the Interra's solution.

Customized Solutions

Dreams turn
into the real through Interra...

Catch the success with project and solution offers improved by Interra,
always be ahead in your business.

You can make real all the projects you need with Interra. The projects you dream turn into the real through project and solution offers improved by highly skilled engineers in the field. It will be enough to share your ideas with Interra for giving life to your any projects you want to make. After that steps, you can move your job a step forward with creative solution offers prepared by Interra. By catching the success in your projects with Interra, you can save your dreams.

It is our task to achieve, if it is your dreams

For many years Interra is the most preferred brand in the field of smart building automations with its customized solutions. You can make a difference in your projects through solution offers created in the direction of customer demands. You can reach all the services you need in the fastest time ever in sector. Being ahead of your competitors is possible because of solution offers improved by highly skilled engineers in the field of Interra.



Iswitch



The new form
of smart switch

Products



Hardware and software products that are appropriate for all smart building projects...

Enjoy the controlling of your comfort and safety from a single point.

Interra is advancing rapidly to be a company dominating the sector with concierge and software services offered. Thanks to Interra Touch Panel, all hardware and software solutions needed in smart buildings are provided just a click away. Generating the most appropriate solution needed for projects with its high-quality hardware, Interra also draws attention with its contributions to the national economy.

- Interra Touch Panel
- Imini
- Iswitch
- Interra Intercom
- Interra Combo Module
- Gateways
- Input Module
- Interra EIO
- Interra SIP Server
- Interra IS Server
- Power Supply
- DND / MUR

INTERRA

Interra Touch Panel

The pleasure to control everything in your living spaces from a single point every moment with Interra Touch Panel will be indispensable for your comfort and safety.

GENERAL FEATURES

Interra 4 Touch Panel which is preferred by those who seek a product with a modern design, hardware, software and a convenient interface that can respond to all project requirements, is designed to be used on any area or surface. The system offering the most appropriate solutions for all the needs in Smart Building Systems stands out in its field by combining comfort and convenience.

- Its CPU supports the platforms such as Android and Linux variants, Android 4.2.2, Debian Wheezy and Ubuntu-arm
- 10.1" ve 7" LCD displaye sahip.
- Thanks to its USB output, it can be controlled by connecting a mouse and a keyboard
- The system can run with 12 V DC power supply.



With Interra, a new life is shaping in residences, your house is very smart now with 7" and 10" touch screens.

Interra Frame Color Options



INTERRA SIZES

Interra offers you 10.1" and 7" Touch Panels being in the appropriate size for any place.



Interra 10,1" flush mounted receptacle İ4 ITR-110-9004
Interra 7" flush mounted receptacle İTR-107-9004

TECHNICAL FEATURES

CPU	ARM Cortex™-A7 Dual-Core 2 x 1.2 GHz
Memory	Min 1 GB DDR3
Storage	Min 8 GB with EMMC (sandisk) disc technology
Video	HD H.264 2160p video decoding H.264 High Profile 1080p@30fps or 720p@60fps encoding
Audio	Integrated HI-FI 100dB Audio Codec 2x15Watts speaker amplifier Analogue microphone with noise cancellation I2S Digital microphone connector 2 x 3W Speaker
KNX	Certified by KNX.org
OS	Android 4.2.2 / Linux (Debian / Ubuntu / Fedora / tLinaro)
Working Temperature	-20 °C +70 °C
USB	2x USB-HOST with USB2.0 spec, 1xUSB-OTG

Imini

Bringing all needed features in a living environment to a product, building communications; intercom and residence services, messaging management, announcements and with so on features it will be the most significant helper in homes.



IMINI MEASUREMENTS

Installation-friendly, standard double way electrical box is suitable to mount.



Imini 6,5" touch switch
Imini 6,5" touch android panel
Imini flush mounted receptacle



ITR-110-0104
ITR-165-1111
ITR-165-9004

TECHNICAL FEATURES

CPU	ARM Cortex™-A7 Dual-Core 2 x 1.2 GHz
Memory	Min 1 GB DDR3
Storage	Min 8 GB with EMMC (sandisk) disc technology
Video	HD H.264 2160p video decoding H.264
	High Profile 1080p@30fps or 720p@60fps encoding
Audio	Integrated HI-FI 100dB Audio Codec
	3 Watts speaker amplifier
	Analogue microphone with noise cancellation
	I2S Digital microphone connector
0.5W Speaker	
KNX	Certified by KNX.org
OS	Android 4.2.2 / Linux (Debian / Ubuntu / Fedora / tLinaro)
Working Temperature	-20 °C +70 °C
USB	USB 1x USB-HOST with 1xUSB-OTG
Entegrated Sensors	Temperature sensor Ambient sensor 2xIR (Infrared) sensor



iSwitch

iSwitch, which can be used in the KNX and EIO systems, becomes the standard of comfort.Thermostat models, light and humidity sensors and equipped iSwitch 12 buttons (6 gang) are offered.



single button



1 gang



2 gang



3 gang



4 gang



5 gang



1 gang with screen



2 gang with screen

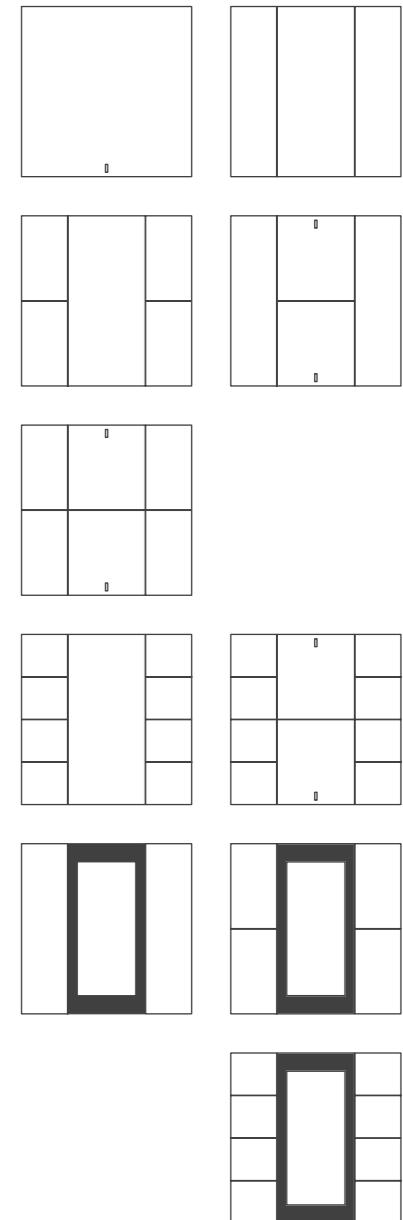
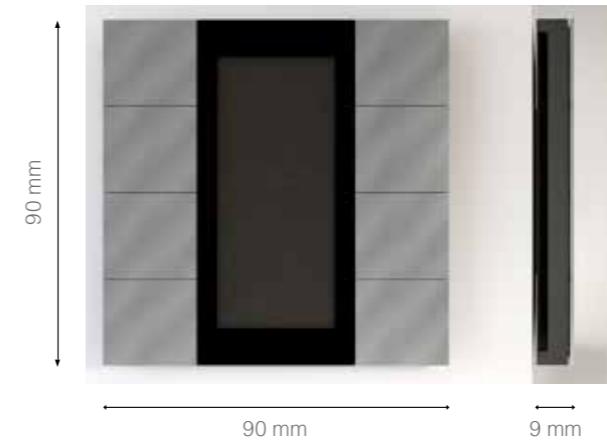


4 gang with screen

Custom products can be made.

iSWITCH MEASUREMENTS

Suitable for standard switch-socket.



TECHNICAL FEATURES

Power	Self powered (No need for external 30V DC supply)
Sensors	Integrated Temperature / Humidity Sensor Integrated Ambient Light Sensor (1 to 64k lux)
Display	High contrast VA display
Lighting	RGB status LEDs and blue navigation LED
Featuring	Time dependent & Auto-adjusting dimming (seperated LCD backlight and status LED dimming) Can be used as Standalone Room Controller** Automated PI Tuning Function***
Operating Voltage	Operating Voltage over Bus 21 .. 32 VDC Operating Voltage over RJ11* 12 VDC or 3.3V DC Power Consumption from KNX~120 mW
Working Temperature	-5 .. +45 °C
Wall Mounting	Ø 60 mm Flush Mount (Standard electrical wall mount box)

* This feature is valid if used with EIO.

** On demand

*** With this feature the device reads the acclimatization conditions and forms parameter itself.

Interra Intercom

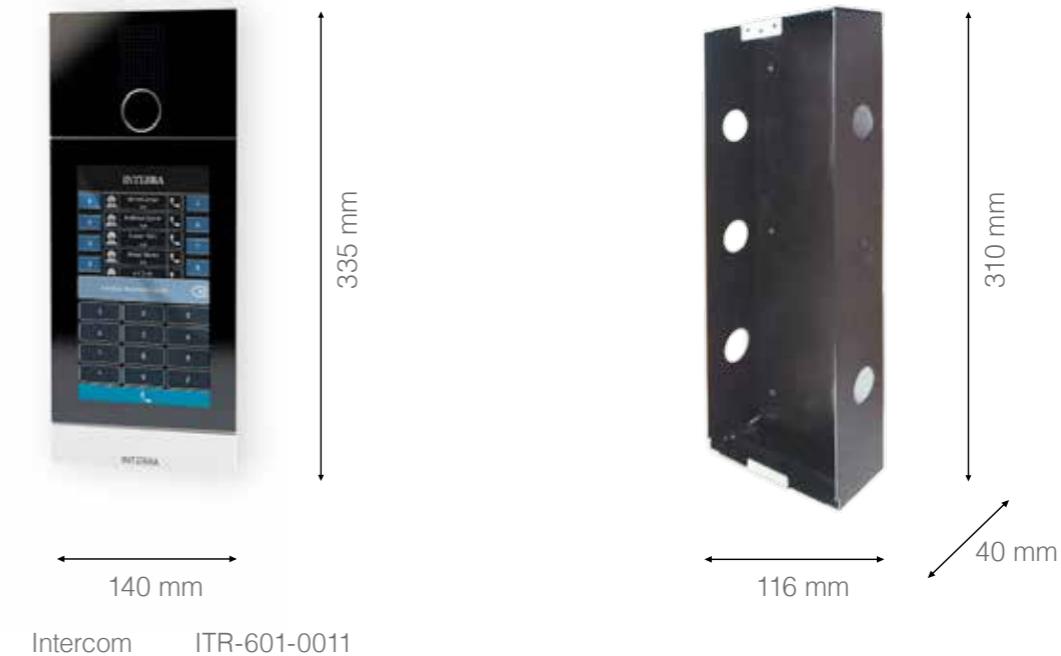
Interra offers elegance and comfort with touch panel intercom door unit. And device is able to take a role in your building scenario thanks to KNX input.

GENERAL FEATURES

- Android operating system
- 5 Mp Camera
- 120° camera angle
- 30° left and right rotatable camera
- Touch-screen
- Loudspeaker
- Optional screen protection application
- KNX input
- Slim elegant appearance
- Optional ability to view logo on screen



INTERRA INTERCOM MEASUREMENTS



TECHNICAL FEATURES

CPU	ARM Cortex™-A7 Dual-Core 2 x 1.2 GHz
Memory	Min 1 GB DDR3
Storage	Min 8 GB with EMMC (sandisk) disc technology
Video	HD H.264 2160p video decoding H.264 High Profile 1080p@30fps or 720p@60fps encoding
Audio	Integrated HI-FI 100dB Audio Codec 2x15 Watts speaker amplifier Analogue microphone with noise cancellation I2S Digital microphone connector
KNX	Certified by KNX.org
OS	Android 4.2.2 / Linux (Debian / Ubuntu / Fedora / tLinaro)
Working Temperature	-20 °C +70 °C
USB	2x USB-HOST with USB2.0 spec, 1xUSB-OTG

Interra Combo Module ITR5XX SERIES

Thanks to KNX products, all hardware and software solutions needed in intelligent building can be achieved easily. Owned, which allows access to the most appropriate solution is needed immediately for projects with high specific hardware KNX products, helps reduce energy costs by increasing the comfort of your living space.



KNX products, places can easily be controlled by making offers less work and more leisure facilities.



ITR504-16A-01



ITR506-16A-02



ITR512-16A-02



ITR516-16A-01



ITR520-16A-01



ITR524-16A-01

GENERAL FEATURES

- Physical Addressing Button

This button is used to give a physical address to devices and to verify the bus presence. The red led switched on means the presence of KNX bus and the device status as physical addressing.

- Manual Control Button

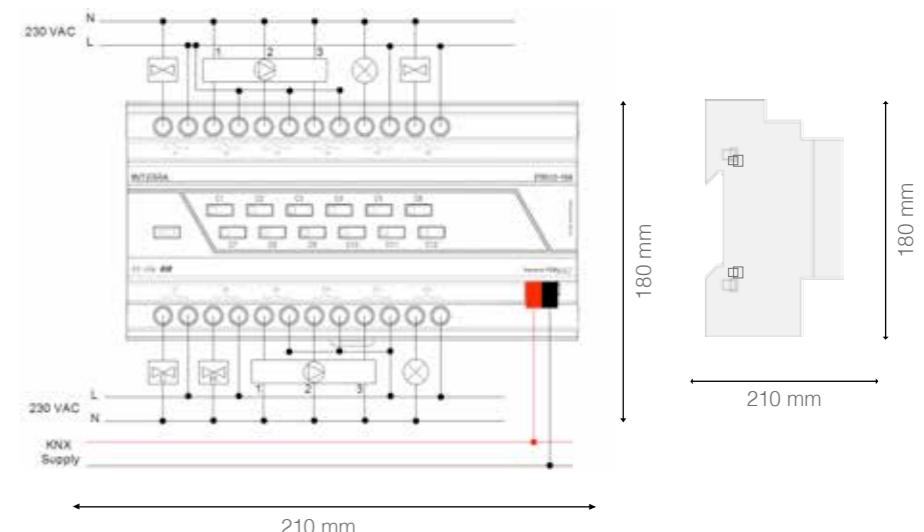
Via the push buttons present on the device, the load connected to outputs can be controlled. This manual control has priority over the commands from the bus KNX.

- Status Led

The button led indicates the status of the outputs. When the green led is on, the output relays are closed.

FUNCTIONS

- Lighting
- Heating
- Curtain-Blind
- Curtain-Blind 24V
- Fan Coil 2 conduits
- Fan Coil 4 conduits.



TECHNICAL FEATURES

Power Supply	EIB Powe Supply
Power Consumption	Maximum 0.3 W
Number of outputs	4, 8, 12, 16, 20 or 24
Output Current	16A@250VAC, 80A inrush
Mode of commissioning	S-Mode
Type of Inputs	Dry Contact Inputs
Type of protection	IP 20
Temperature Range	Operation (- 10°C ...70 °C) (- 25°C ...100 °C)
Storage	<90 RH
Maximum air humidity	Non-flammable product
Flammability	DIN Rail
Mounting	4/8 outs: 105x90x65mm (WxDxH) > 6 DIN units
Dimensions	12/16 outs: 171x90x64mm (WxDxH) > 10 DIN units
	20/24 outs: 247x90x64mm (WxDxH) > 15 DIN units
Certification	EIB-Certified



Gateways

IR-KNX GATEWAY

- Communication with KNX supported devices
- 8 channels and 4 channels models
- Control up to 8 devices at the same time
- Increasing device support by learning mode
- Control through ETS



MITSUBISHI ELECTRIC-KNX GATEWAY

- Provides complete integration of Mitsubishi Electric AC with KNX bus.
- Provides a fully bidirectional integration (controlling and monitoring) between AC indoor unit into KNX.
- Provides 3 binary inputs to integrate into KNX (ie. motion detector, evacuation pump, pushbutton).
- Provides extra communication objects for every commands (bit or byte objects), and separated control, feedback objects for giving maximum flexibility.
- Includes 4 logical and 8 converter advanced parameters for energy savings, configurable scenes, temperature limits etc.
- Provides AC unit error notifications for exception errors.
- Simple installation, can be installed inside the AC indoor unit. It doesn't require any power supply.



MITSUBISHI ELECTRIC G50-KNX GATEWAY

- Provides complete integration of Mitsubishi Electric City Multi AC with KNX bus.
- Gateway connects to Mitsubishi City Multi AC system by ethernet connection.
- Allows access and control 50 AC indoor units. and 50 groups of indoor units.
- Gateway is configured using windows application, this application doesn't require any cost.



TECHNICAL FEATURES

Power Supply	12V DC, 500 mA
Configuration	Configuration through Windows application
Capacity	Up to 8 different devices, 50 different command support per device
Dimensions	105x90x65 mm

TECHNICAL FEATURES

Power Supply	29V DC, 10mA (EIB Power Supply)
Binary Inputs	3x Dry Contact Inputs
Configuration	Configuration with ETS
Dimensions	40x10x40 mm
Type of Protection	IP20
Flammability	Non-flammable product

TECHNICAL FEATURES

Power Supply	12V DC, 500mA
Storage	Logs can be stored up to 3 months
Configuration	Configuration with Windows application
Dimensions	170x65x90 mm

Input Module ITR1 SERIES

Input module is placed at the bottom case of the switch. And it helps ensure the KNX controls over conventional switches. However, it has the ability to convert any kind of contact signal to KNX signal.



ITR102



ITR104



ITR106

TECHNICAL FEATURES

Power Supply	EIB Power Supply
Power Consumption	50 mW
Number of outputs	2,4 or 6
Mode of commissioning	S-Mode
Type of Inputs	Dry Contact Inputs
Type of Protection	IP 20
Temperature Range	Operation (- 40°C...70 °C)
Flammability	Non-flammable product
Mounting	60mm diameter flush mounting
Dimensions	40x10x40mm (HxWxD)
Certification	EIB-Certified

Interra EIO

EIO Module is an electronic device used in building automation systems.

The digital I/O module is available with EIO 8, EIO12, EIO12 + Dimmer* outputs. Additionally sensors module, which allows temperature, humidity and water flood detection, can be added. The EIO module can work as standalone or inside an IP network with Interra touch panel and Interra Server software solutions. The inputs/outputs can be configured freely depending on the project needs.

* 300 Watt, universal dimmer



ITR-212-0003

EIO has expanded its product with the new additions M 8, 12 and EIO EIO 12 + dimmer (300 W).

FUNCTIONS

- Lighting.
- Heating.
- Curtains-Blinds
- Curtains-Blinds 24V.
- Fan Coil 2 conduits.
- Fan Coil 4 conduits.



ITR-208-0002



ITR-212-0002

TECHNICAL FEATURES

Power Consumption	0.9 W
Number of binary inputs	8, 12, 12+dimmer
Number of binary outputs	8, 12, 12+dimmer
Water Flood Sensor	1
Digital Sensors	2x Temperature and Humidity
Input Voltage	100-250 VAC@50Hz
Contact Capacity	Inrush type (16A, Inrush current 100A)
Type of protection	IP 20
Ambient temperature range	- 10°C...70 °C
Dimensions	60x91x158 mm (HxWxD) → 9 DIN units
Weight	390gr

Interra SIP Server

Interra SIP Server is a product which ensures video intercom services and controls the traffic.

SIP Server is powered by a 12V-2A DC power supply. This power supply has a special green coloured 3pin connector which is a terminal block in industrial grade. Pin indications are written on the plastic case. Middle pin is for EARTH connection and it is obsolete. The reset button on the top cover is used to "Hard Reset" the device manually. This button has an LED indicator. If system is powered, this LED lights on.

Interra IS Server

Interra IS Server is a product playing a key role to provide comfort and easiness to living areas.

Thanks to IS Servers playing a big role reporting service in hotels and touristic facilities integration of the systems with each other, the quality of service can be made permanent in hotels and touristic facilities. According to the usage status of the hotel rooms, Interra IS Server plays a key role in the transmission of instant information center. INTERRA SIP Server is an electronic device used in building automation systems.



Ray tipi
ITR-810-0001



Rack tipi
ITR-820-0001

TECHNICAL FEATURES

Power Supply	12 V 1.2A
Power Consumption	3 W (nominal) - 10 W (max)
CPU	ARM® Cortex™-A7 Dual-Core 2 x 1.2 GHz
Memory	Min 1 GB DDR3
Storage	Min 8 GB with eMMC (sandisk) disc technology
KNX	Certified by KNX.org
OS	Android 4.2.2 / Linux (Debian / Ubuntu / Fedora)
USB	2x USB-HOST with USB2.0 spec, 1xUSB-OTG
RTC	System includes RTC with CR1220 battery
SDCard	Standard SD-TF card connector up to 64Gbyte
Dimensions	170 x 65 x 90 (mm) (WxHxD)

Power Suppliers

Interra Power Supply is the general name of the units that provides the energy requirements of a system or mechanism.

Interra Power Supply incorporated into the output voltage is kept constant by means of current circuit. The interference of the output voltage in response to various changes that may occur in the input of the power supply is provided.



ITR-412-0030 (12 V 3 A)



ITR-430-0015 (30 V 1,5 A)



ITR-424-0018 (24 V 1,8 A)

TECHNICAL FEATURES

ITR12-3.0A

INPUT:	85 ~ 265 VAC / 0.5A MAX 50 ~ 60Hz
OUTPUT:	+12 VDC 3.0A / 36W
Dimensions:	70*86*60 (WxHxD) (4 DIN rail)

ITR24-1.8A

INPUT:	85 ~ 265 VAC / 0.5A MAX 50 ~ 60Hz
OUTPUT:	+24 VDC 1.8A / 43.2W
Dimensions:	70*86*60 (WxHxD) (4 DIN rail)

ITR30-1.5A

INPUT:	85 ~ 265 VAC / 0.5A MAX 50 ~ 60Hz
OUTPUT:	+30 VDC 1.5A / 45W
Dimensions:	70*86*60 (WxHxD) (4 DIN rail)



Bring your guests together with products the comfortable service offered by DND/MUR



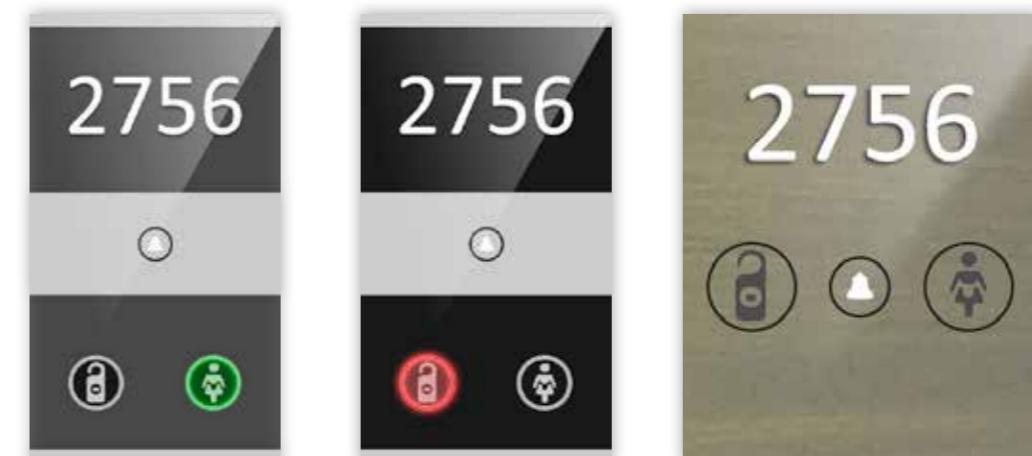
Products

DND / MUR

Interra DND/MUR is a product that was designed to increase the service quality at hotels and that has two different inputs as EIO and KNX.

DND/MUR, through its special design, enables the guests to get the right service at hotels. The fact that Interra DND/MUR has two different inputs as EIO and KNX, allows it to be used conventionally and as a KNX application. Solid metal structure used in its production and plexiglass is effective on the extremely robust structure of the DND/MUR product.

The bell and special led lights located on the product add more value to DND/MUR. The fact that it can only be applied to horizontal designed dual flush-mounted box, enables the DND/MUR product to be installed easily.

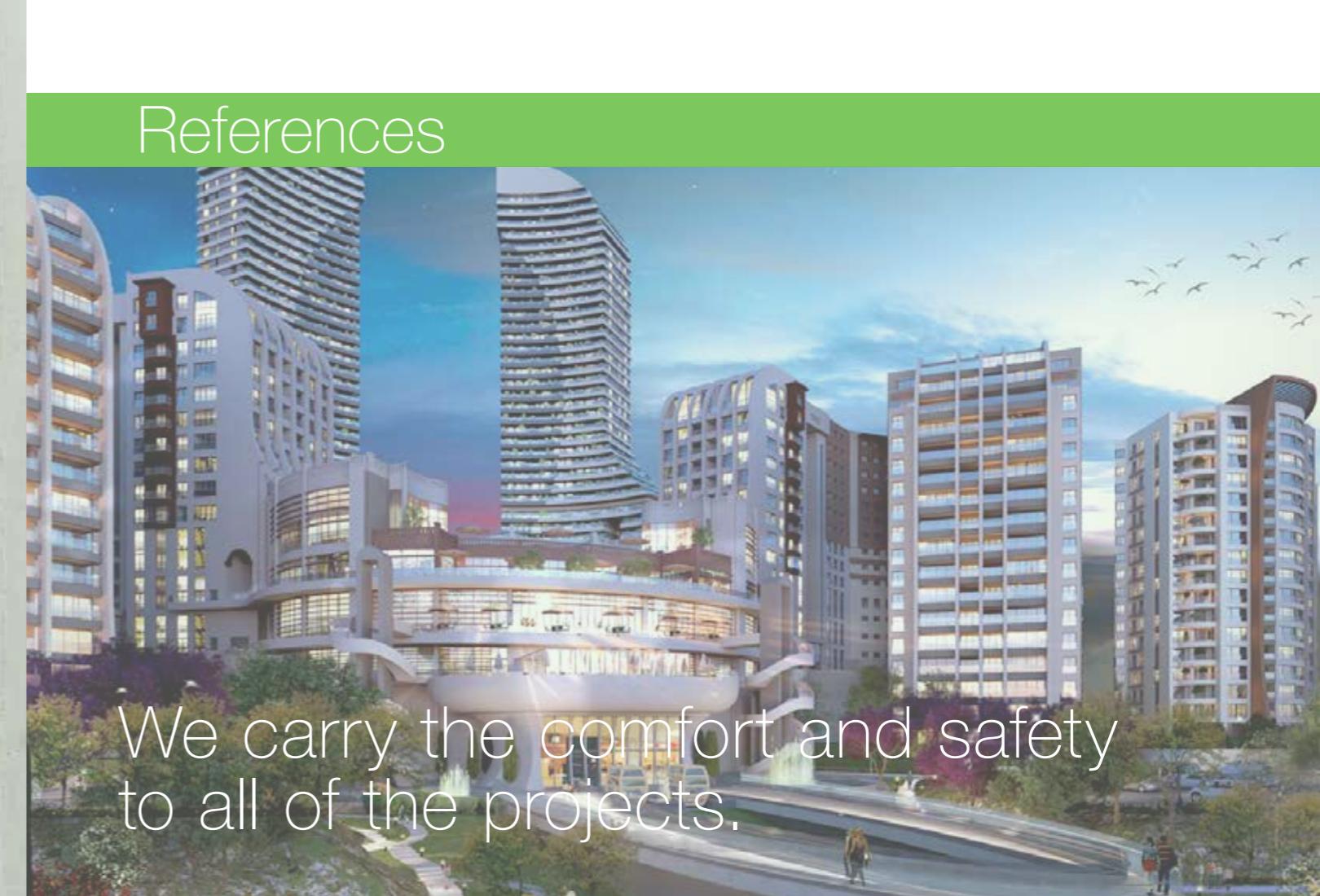


TECHNICAL FEATURES

Power Supply	12V DC
Inputs	KNX and EIO
KNX	Certified by KNX.org
Dimensions	32x18x1 (WxHxD)



Feel the difference
of services
that simplify life
with a single touch



References

We carry the comfort and safety
to all of the projects.

Smart building systems offer you the solutions you need in residence, hotel, villa and your other projects.

You can make all your controls through the new life comfort Interra Touch Panel with a single click. Thanks to Interra smart building technologies, you can be in front of your competitors by creating big differences. The advantages offered by Interra are waiting for providing the most special touch to your projects.

References

Sinpaş Altınoran is the biggest KNX project of the world with 2500 apartments.



Sinpaş Altınoran / Ankara



Mistral Tower / İzmir



Yalı Ataköy / İstanbul



Torunlar Center Ali Sami Yen / İstanbul



AcarBlu / İstanbul



Emaar Square / İstanbul



42 Maslak / İstanbul



Demir Romance / İstanbul



Demir La Vida / İstanbul



İstanbulbloom / İstanbul



Yalı Ataköy / İstanbul



Torun Center Ali Sami Yen / İstanbul



Çiftçi Towers / İstanbul



One Tower / Ankara

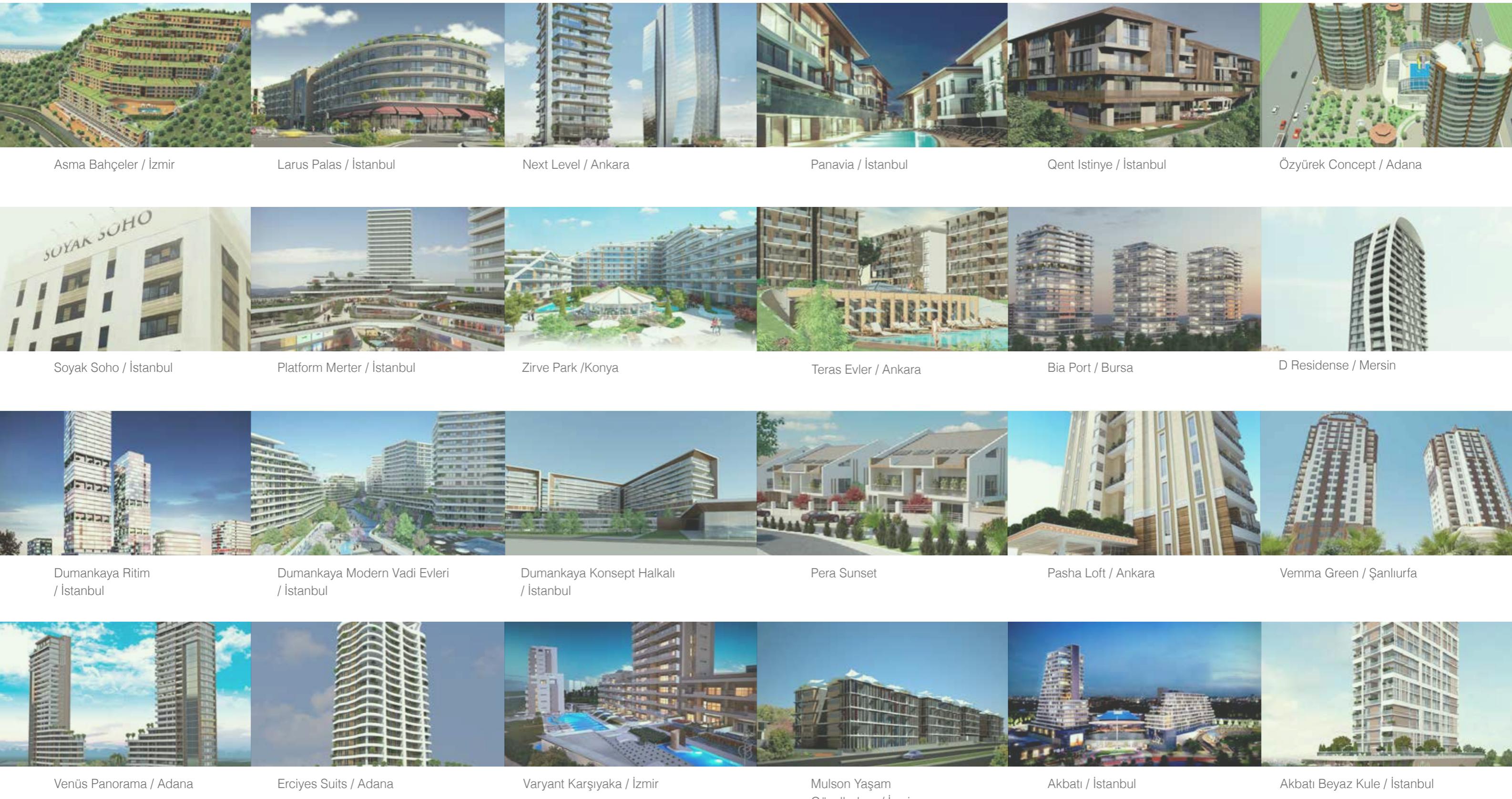


West Gate / Ankara



Suryapı Exen / İstanbul

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Hilton combines the technology and comfort with high quality service mentality.



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Abant Otel / Bolu



Caressa Otel / Bodrum



VIP Otel / Türkmenistan



Sheraton Ataşehir / İstanbul



Villa Lakhic / Azarbeycan



Valle Lacus / İstanbul



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Pirlanta Çamlıca / İstanbul



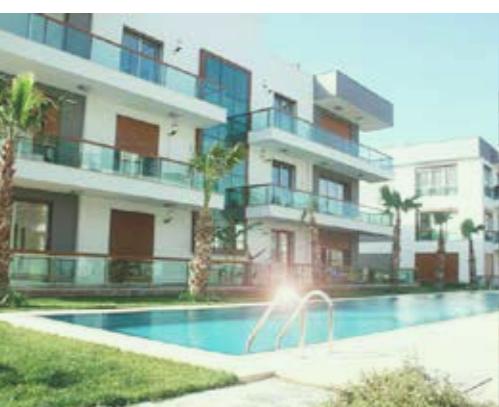
Kumtaş Yaşamkent / Marmaris



Koru Konakları / İstanbul



Manisa Anadolu Palace



Nest Güzelbahçe / İzmir



Frigya Evleri / Eskişehir

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Yonnet Bilişim Yaz. Eğt. ve Dan. Hiz. Tic. Ltd. Şti.
Cumhuriyet Mahallesi Kartal Caddesi
Simkan Plaza No: 95/1
34876 Kartal / İstanbul / TURKEY
T +90 (216) 326 26 40
F +90 (216) 324 25 03
E info@yonnet.com.tr
W www.yonnet.com.tr

