

'INTERRA

—Developer of Uniqueness—

PRODUCTS

www.interratechnology.com



iX10 - 10" KNX Touch Panel

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



iX10 - 10" KNX Touch Panel Full Screen



Interra Touch Panels

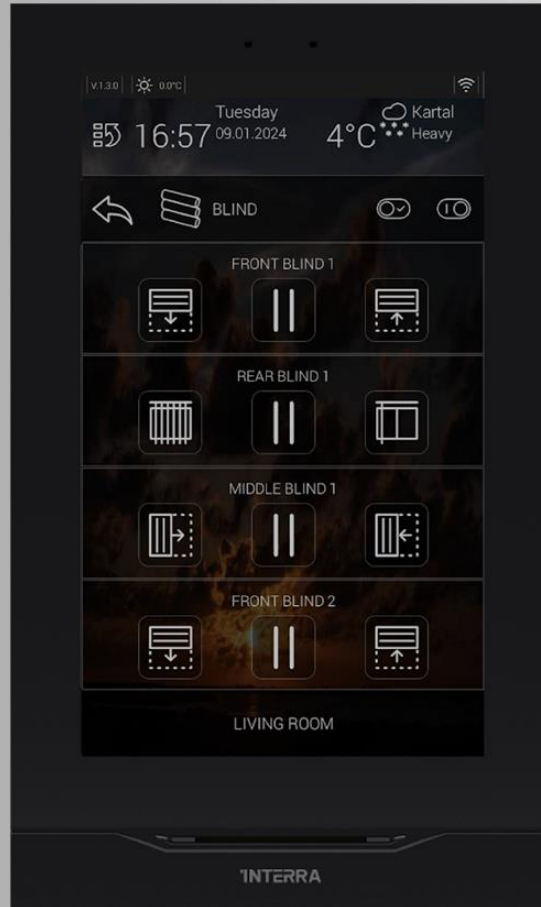


Interra touch panels are designed to control the entire smart building system from a single point. These devices can centralize the control of switches, sensors, lighting, heating systems, cameras, alarm systems, and many other complex systems.

Main Functions:

- 4 Main Models, Including 7 Inch and 10 Inch, Both KNX and Conventional.
- Custom Design with a Minimalist and 5 mm Thickness.
- Centralized Building Control
- Integration of Camera, Alarm, and Intercom
- Mobile Control
- Timer Scenarios
- 3 Outputs (5A) / 3 Inputs

Interra i7+ Touch Panel



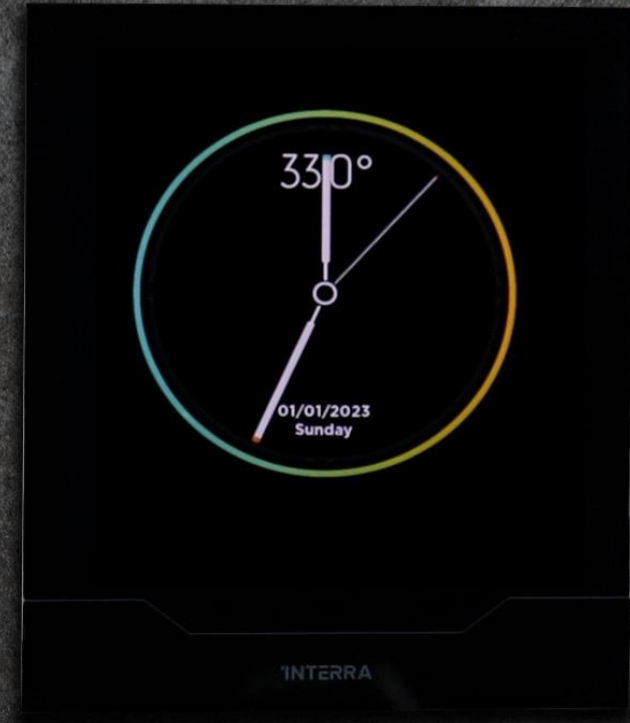
Interra i7+ series, with the same features as the Interra touch panel series, is widely preferred in smart building projects due to its vertical and minimalist design.

Main Functions:

- Built-in Thermostat
- Minimalist and Specially Designed 5mm Thickness
- One-Stop Whole Building Control
- Camera, Alarm and Intercom Integrations
- Mobile Control
- Timer Scenarios
- 3 Outputs (5A) / 3 Inputs

iX4 - 4" KNX Touch Panel

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



Lighting Control
Music Player
Timer Scenarios

RGB Dimming
Air Conditioning
Cleaning Mod

Tunable White
Curtain/Blinds Control
Lock

iX3 - 4" KNX Touch Panel



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

Lighting Control
Music Player
Thermostat

RGB Dimming
Air Conditioning
Cleaning Mod

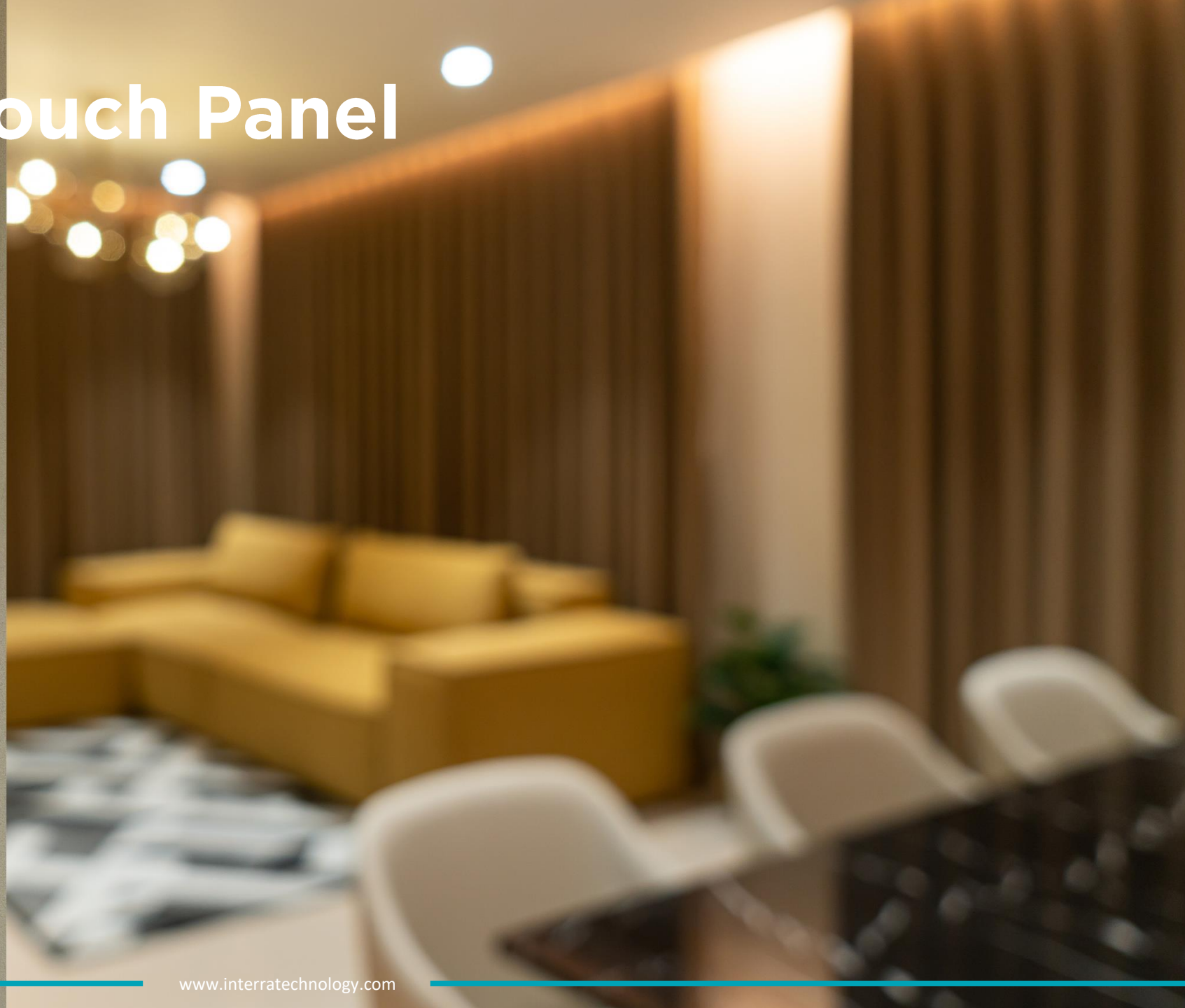
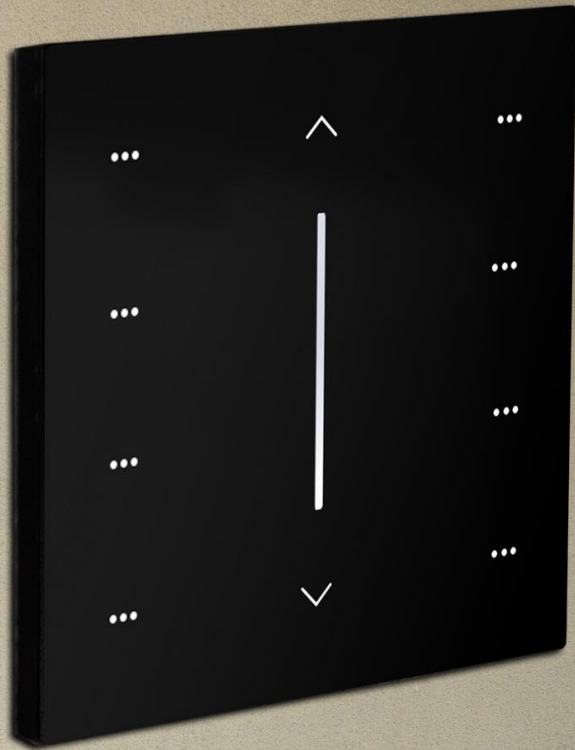
Tunable White
Curtain/Blinds Control
Lock

iX2 - 2" KNX Touch Panel

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



iX2 - KNX Touch Panel



Interra iSwitch+ Room Controller



Model Options



Aluminium Series



Plastic Series



Plexi-glass Series



Stainless Steel



Main Functions:

- Built-in Temperature, Humidity, Brightness and Air Quality Sensor
- 8 Different Model Options
- 2 Main Models with VA-Display LCD and Without LCD
- Adjustable RGB Feedback Lights
- 2 Hidden Up and Down Buttons Under the LCD Frame
- 2 Adjustable Inputs (Digital/Analog)
- Easy Assembly with Monoblock Design

Functions:

Switching

Thermostat Controls

Step Switching

Toggle

Scenarios

2 Channels

Dimming

Value (Byte)

Shutter/Blinds Control

Interra iSwitch+ Room Controller



Model Options



Aluminium Series



Plastic Series



Plexi-glass Series



Stainless Steel



Main Functions:

- Sensitive Press Feeling
- ETS Programming Mode Without Combination
- Master / Slave Thermostat Feature
- Error Tracking on the LCD Screen
- Energy Saving Feature*

*Automatic AC Scenarios by the Information from the Contacts

Functions:

Switching

Thermostat Controls

Step Switching

Toggle

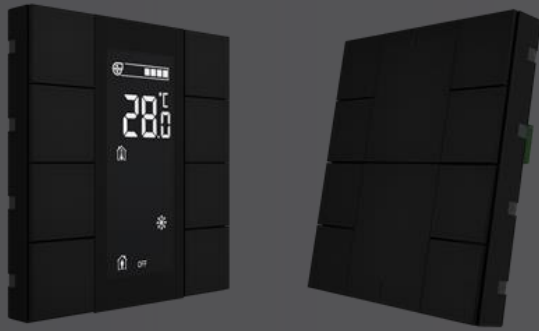
Scenarios

2 Channels

Dimming

Value (Byte)

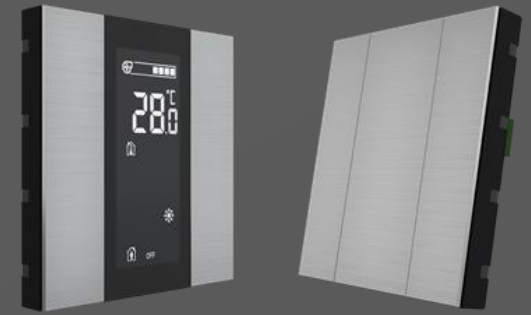
Shutter/Blinds Control



Black Aluminum



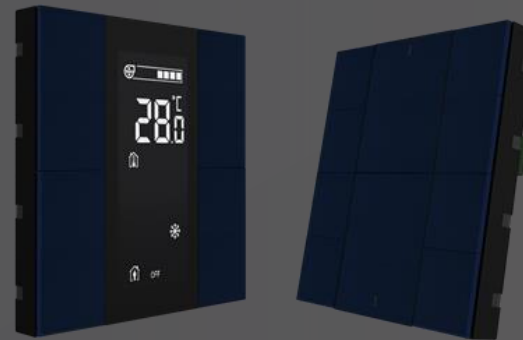
Bronz Aluminum



Natural Aluminum



Gold Aluminum



Midnight Blue Aluminum



Rose Gold Aluminum



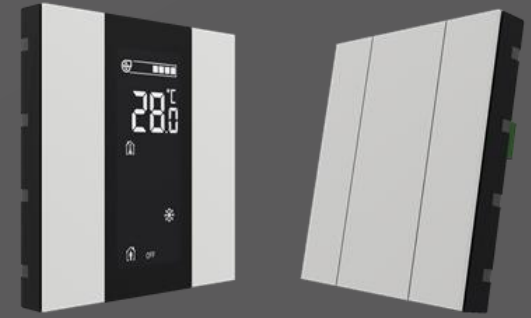
Natural Stainless Steel



Jet Black Plastic



Glossy White Plastic



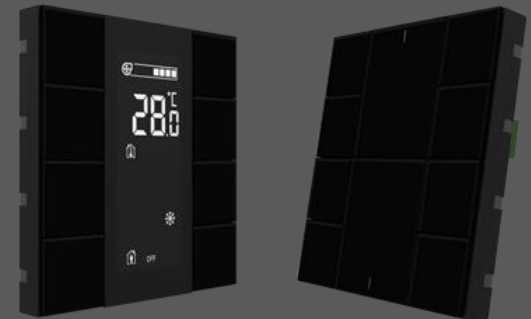
Matt White Plastic



Metallic Gray Plastic



Matt Anthracite Plastic



Black Plexiglass

Interra Just Touch KNX Room Controller



Main Functions:

- Built-in Temperature and Humidity Sensor
- 5+1 Control Pages
- Upto 30 Control Points
- Complete Thermostat Control
- 2mm Touch Capacitive Glass Screen
- 8 Touch Buttons
- Black and White Color Options
- 1 Digital and 1 Adjustable Input (Digital/Analog)

Functions:

Switching

Thermostat Controls

Step Switching

Toggle

Scenarios

2 Channels

Dimming

Value (Byte)

Shutter/Blinds Control

Interra Pure Touch Room Controller



Main Functions:

- Built-in Temperature, Humidity and Brightness Sensor
- 2mm High Quality Glass Design
- 2, 4 and 8 Button Options
- Black and White Color Options
- 1 Digital and 1 Adjustable Input (Digital/Analog)
- Easy Assembly with Monoblock Design

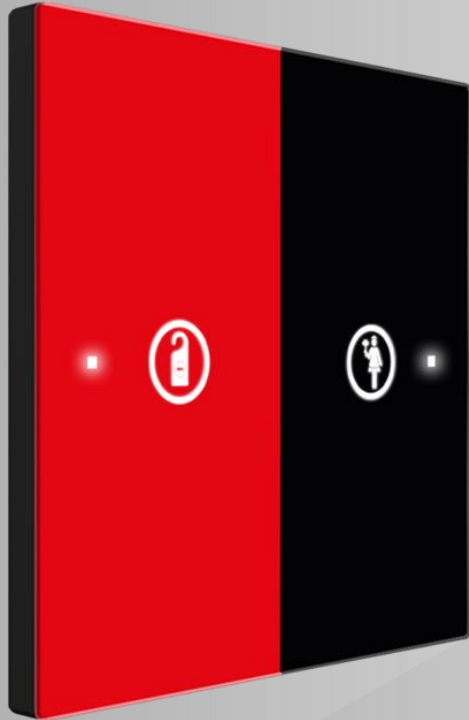
Functions:

Switching
Thermostat Controls
Step Switching

Toggle
Scenarios
2 Channels

Dimming
Value (Byte)
Shutter/Blinds Control

Interra Pure Touch DND Controller



Main Functions:

- Special Design for DND and MUR Control
- Built-in Temperature, Humidity and Brightness Sensor
- 2mm High Quality Glass Design
- 1 Digital and 1 Adjustable Input (Digital/Analog)
- Easy Assembly with Monoblock Design

Functions:

Switching

Thermostat Controls

Step Switching

Toggle

Scenarios

2 Channels

Dimming

Value (Byte)

Shutter/Blinds Control

Interra KNX DND / MUR Module

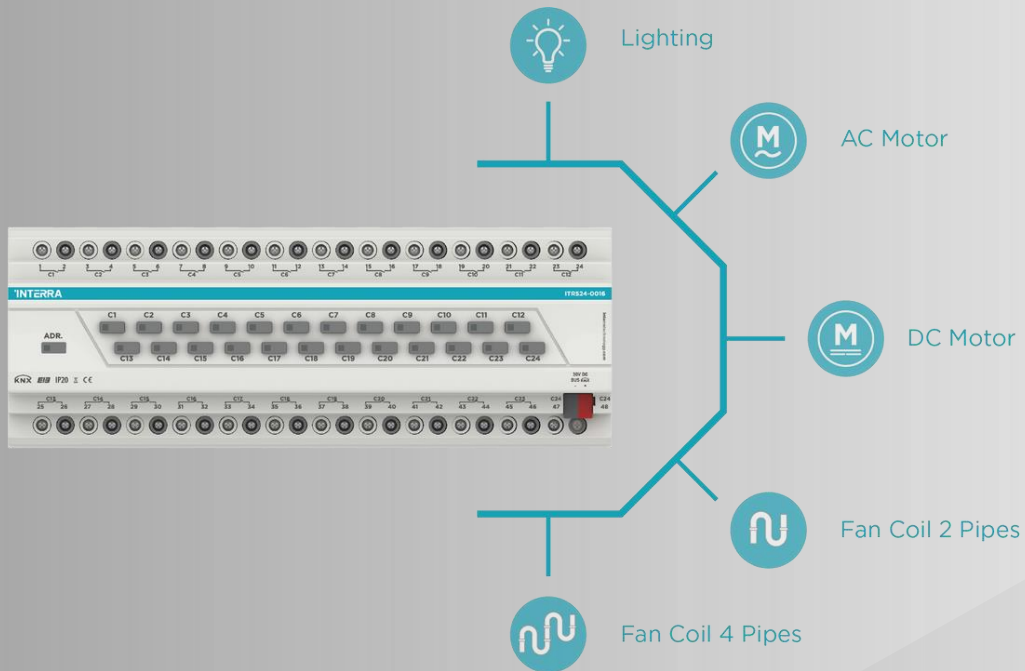


Main Functions:

- 2 Different Model Options, Glass and Plexiglass
- Direct Communication with KNX Bus
- LED Backlight Indicators
- LED Backlight Logo and Room Number
- RFID
- Bell Button
- Customizable Design (Font, Logo and Icons)
- Compatible with Standard Double Flush Mounting Case
- 3rd Display Option for Special Projects



Interra KNX Combo Actuator Series



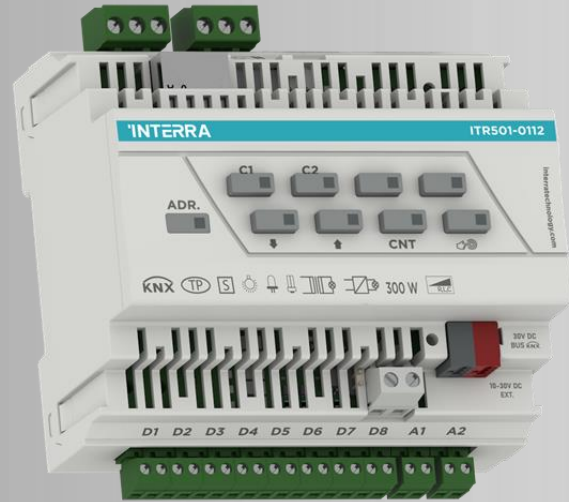
Interra Combo Actuator series provide On / Off room control and fan coil control.

Main Functions:

- On / Off Lighting and AC & DC Motor Control
- 2 and 4 Pipe Fan Coil Control
- 6 Different Models
- Different Channel Options from 4 to 24
- Manual Channel Control with the Buttons on the Device
- Configuration by ETS
- Supply Over KNX Bus
- 16 A @ 250 V AC Relay Capacity
- Max. 20 mA Current Consumption



Interra KNX Universal Dimmer Actuator Series



KNX Universal Dimmer Actuator 2 Channels



KNX Universal Dimmer Actuator 2 Channels (8 Digital, 2 Analog Inputs)



KNX Universal Dimmer Actuator 4 Channels



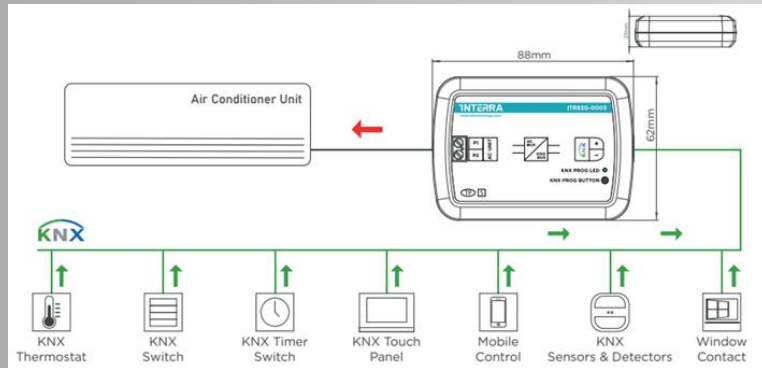
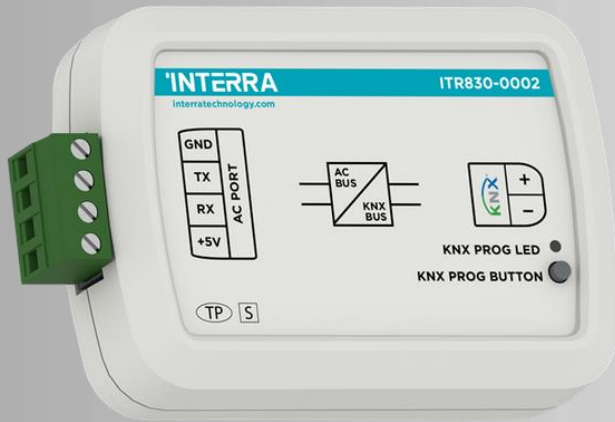
KNX Universal Dimmer Actuator 4 Channel (8 Digital, 2 Analog Input)

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Interra AC - KNX Gateway Series

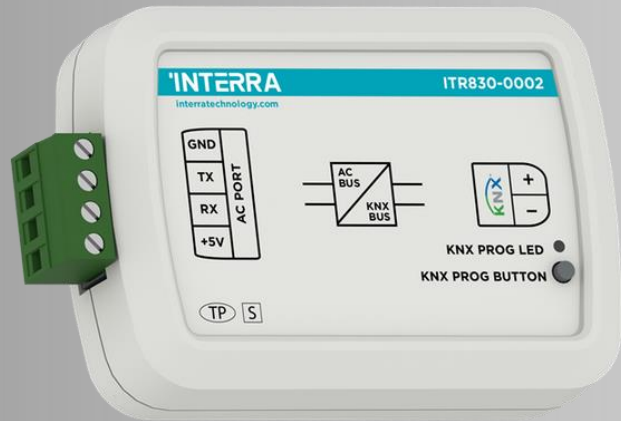


Interra KNX AirConditioning Gateways monitors and controls all function parameters of air conditioners over KNX bus.

Main Functions:

- Bidirectional Communication Between ACs and KNX Protocol
- Easy Installation Advantage
- 20 Different Brands and 23 Different Product Types
- Energy Efficiency with Full Integration
- Manufacturer Approved Products
- 4 Logical Advanced Parameters
- 8 Advanced Converter Parameters
- Monitoring Air Conditioner Error Notifications on KNX Bus

Interra AC - KNX Gateway Supported Brand List



Interra KNX Fan Coil Actuator



Fan Speed Control

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

HVAC Control

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

Interface Output

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

Interra KNX / DALI Gateway



Interra KNX / DALI Gateway enables the DALI lighting protocol, which is preferred for common area lighting in hotel projects, to be controlled via KNX.

Main Functions:

- Built-in DALI Power Supply
- 2 Different Channel Types, 2x64 and 1x64
- 2 Different Main Models with or without Ethernet
- Emergency Lighting Control
- Single, Group and Broadcast Control
- Programming and Commissioning via ETS
- Fault Check and Remote Update
- RGB, RGBW and Tunable White Control

Interra KNX - DMX Gateway



Interra KNX - DMX Gateway supports two-way control and can record, play and delete DMX programs. With recording times of up to 4 hours, the Interra KNX - DMX Gateway can be widely used to control devices with a built-in DMX protocol port for LED color control, such as computer light, moving head light, laser light, etc.

Main Functions:

- 3 working modes: DMX recorder mode, DMX dimming mode (EIB to DMX) and DMX to EIB conversion mode (1 bit, 1 byte data point).
- Supported communication signal: DMX512-1990, ArtNet DMX
- Storage and playback of up to 24 programs, maximum recording time: 4 hours
- The DMX recorder mode supports switching and dimming of up to 48 channels, i.e. control of the DMX device via the KNX system.
- DMX to EIB conversion mode supports switching and absolute dimming via DMX signal for up to 48 channels, i.e. control of the KNX system via the DMX memory control function.
- The DMX output signal can be used to control devices with a built-in DMX protocol port for LED color control, such as computer light, moving head light, laser light, etc.
- DMX input control functions for the KNX system include sequence control, scene control, switch control, relative dimming and absolute dimming.

Interra KNX - IR Gateway



Main Functions:

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

Interra KNX Multi Sensor Series



A unique combination of safety, efficiency, and comfort with the thinnest design in its class. With the 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.

Main Functions:

- Presence, Brightness, Movement, Internal and External Temperature Detection.
- 4 Independently Configurable Presence Channels for Constant Control Application.
- 4 Independent Logic Blocks (“AND”, “OR” and “XOR”)
- Integrated Virtual Card Holder function for Hotel Projects
- Master / Slave Mode
- 2 Digital Inputs and 1 Analog Input

Interra KNX Indoor Multi Microwave Sensor



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

Main Functions:

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

Interra Outdoor KNX Motion Sensor



Interra Outdoor KNX Motion Sensor is a motion detector and integrated presence motion and light level sensor designed to be included in the intelligent building automation system, HVAC automation control for energy saving and alarm function for security.

Main Functions:

- There are five control outputs provided for lighting, HVAC and Alarm applications.
- Programmable with IR remote control for easy and fast settings.
- If the ambient value is preset, it can be learned as a threshold for switching loads on and off with IR.
- Temperature compensated circuit design to avoid false triggering problem at high temperature.

Interra Wall Mounted KNX Outdoor Microwave Sensor



Wall Mounted KNX Outdoor Microwave Sensor includes 4 independent logic blocks and 1 combined logic block, the logic relation can be “AND” “OR”, logic input conditions can be the condition of LUX sensor, microwave sensor, humidity sensor, temperature sensor, dry contact, external telegram.

Main Functions:

- The multi-function motion sensor has 5 logic function blocks and can be set the logical relation AND/OR, Each with 10 output objects. The work mode includes single-mode and Master & Slave mode.
- The multi-function motion sensor can report movement status, and Lux status to the KNX system.
- The multi-function motion sensor supports constant brightness output.
- It can be used for Switch Control, Absolute dimming control, Shutter Control, Alarm control, Percentage control, Sequence control, Scene control, String(14 bytes) control, Threshold control, and Logic combination.
- With the function of constant brightness: keeping the Lux in the constant value, will dim the lights to the corresponding intensity according to the surrounding brightness.
- The logic validity can be set by external telegram, enabling the end-user to enable or disable the preset logic.

Interra KNX Heat and Smoke Detector



KNX Heat and Smoke Detector senses the typical fire indicators such as heat and smoke and sends these telegram values to the KNX bus in case of emergency. It is fed directly from the KNX bus and there is no need for any other power supply. In case of high temperatures, smoke, or fire emergencies, the preset alarm signal in the product starts to sound. When the smoke level exceeds a certain level, it gives an early fire warning by sending a notification to the touch panels or mobile phone via the KNX bus. While it provides an easy installation with its twist-lock mounting system, it also provides long-term and safe use with its tamper-resistant design.

KNX Water Flood Detector



Interra KNX Certified Water flood Detector is used to detect the presence of basements, water tanks, any concealed area, or any site where water-based liquids may be leaked by infiltrating. It is used as an early warning system that provides information via the KNX bus infrastructure. It protects the users from expensive repairs and from material losses that may be caused by the damage to the goods by detecting liquid leaks early. Furthermore, with the existence of the KNX system, users have the opportunity to adjust any additional warning systems.

Main Functions:

- Module alive beacon notification
- Eligible to alert the users via buzzer, LED, or relay output
- The LED is available for two-color statuses
- Alarm detection delay selections are available
- Sensing probe that extends downward up to 25 cm
- Suspending the alarm for desired duration feature
- Alarm reset feature

Interra KNX Weather Station GPS



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

Interra KNX / IP Router



Interra KNX/IP Router is a KNXnet/IP routing and tunneling device that connects the KNX line and the Ethernet network.

Main Functions:

- KNX IP LineCoupler without Power Supply
- Addressing All Devices in the KNX System
- Temporary Access from ETS to Other Lines
- Error and Fault LEDs
- KNXnet/IP Routing Multicast connection
- KNXnet/IP Tunneling¹ Unicast: 6 connections.
- Web Server Feature: Remote Software Update

Interra KNX / IP Router Secure



Interra KNX IP Router Secure with routing and tunneling interface

- Interra IP Router Secure connects a KNX TP line to the IP Backbone and enables KNX communication between both KNX environment KNX IP and KNX TP. Interra IP Router Secure can also be used as an IP Programming Interface to create fine-tuning connections for bus access for PC and other data input devices.
- Filtering of group communication and telegrams with physical addresses can be configured.
- The transmission of configuration telegrams from the TP subline to the IP trunk can be switched off completely. Special functions are also available to facilitate troubleshooting, speed up commissioning and avoid unnecessary telegram traffic.
- Interra IP Router Secure supports the "Secure Commissioning" option. When enabled, configuration communication is encrypted by KNX Data Secure. This kind of configuration protection is extremely important, especially for system components.
- The main task of IP Router S is to protect the entire KNX IP line from unwanted access. Upon activation of the "IP Backbone Security" function - only possible with the use of KNX IP Secure Routers Sec encrypts all communication on the KNX IP with KNX IP Secure.

Interra KNX Line Coupler



The main function of the Interra KNX Line Coupler is to join two KNX TP lines or to repeat them without filters, providing galvanic isolation in between. It is used in hotel projects to connect rooms to the center line.

Main Functions:

- Prevent Downline Device Configuration
- Blocking Device-Driven Telegrams
- Monitoring Downlink Traffic
- Enable/Disable Telegram Filtering
- Reduced Resubmission Count Option
- Diagnostic Functions

Interra KNX USB Interface



The Interra KNX USB interface provides a galvanically isolated bidirectional connection to the bus system via KNX TP and USB. Network configurations take less time. No additional external power supply is required. Supports USB suspend mode. The communication protocol used for communication between the interface and the host is the flexible CEMI (Common External Message Interface) protocol.

The Interra KNX USB interface provides access to all bus devices connected to:

- Commissioning
- Addressing
- Setting parameters
- Visualization
- Protocol
- Diagnostic procedure

Interra KNX IP Interface



The Interra KNX IP Interface serves as a universal interface for devices in the IP layer to access the KNX bus. The KNX bus can be accessed from any point on the LAN. It can be used as a programming interface for ETS[®] from ETS version 3.0f onwards. However, a maximum of 5 simultaneous connections are possible for access via KNXnet/IP Tunneling. In addition, the IP address can be obtained via a DHCP server or manual configuration (ETS) respectively. The energy required to operate the device is supplied via the KNX line.

Interra KNX Power Supply



• Interra KNX Power Supplies generate and monitor the voltage (SELV) for KNX devices connected to the line. They are bus loaded with an integrated choke coil and wide range mains input for worldwide use. The bus line is separated from the power supply by an integrated choke coil. The voltage output is short circuit and overload protected. Two color LEDs (Green and Red) indicate the device output status. It has a wide input range from 85...265 V AC to 50/60 Hz.

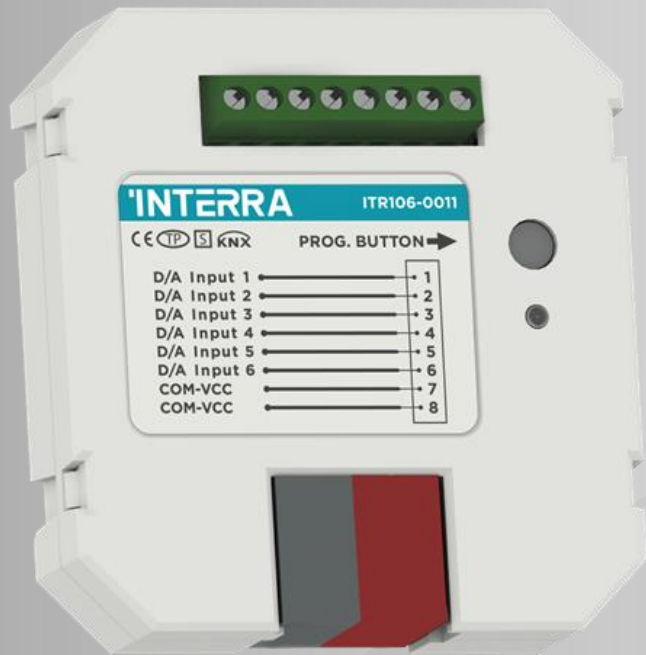


KNX Power Supply 160 mA



KNX Power Supply 320 mA

KNX 6 Ch Binary / Analog Input Module – 6 Thermostat



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

Input Functions:

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

Logic Functions:

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

Interra KNX Binary Input Module - 12 Channel



KNX Power Supply 160 mA



KNX Power Supply 320 mA

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

Main Functions:

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

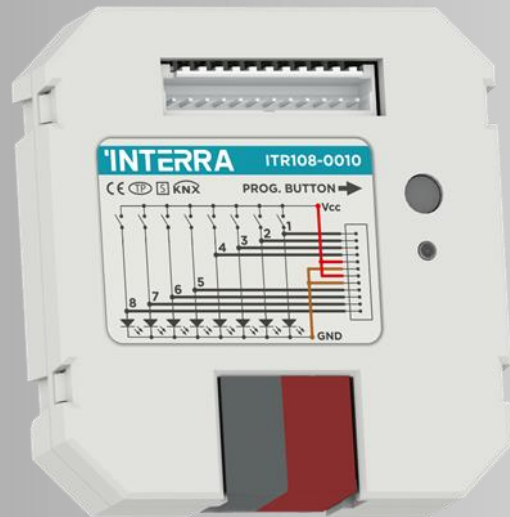
Functions:

Switching
Dimming

Thermostat
Shutter/Blind

12 Channel
Value Operation

Interra KNX Binary Input Modules



KNX Binary Input
2 Channel



KNX Binary Input
4 Channel



KNX Binary Input
6 Channel

Interra KNX Universal Interfaces act as an interface for operating KNX systems via conventional buttons, switches or dry contacts and processing binary signals.

Main Functions:

- Supply Over KNX Bus
- 2, 4, 6 and 8 Channel Options
- Assigning a Different Function to Each Channel

Functions:

Switching
Dimming
Mod Selection

Toggle
Shutter/Blind
Scene Control

RGBW Control
Value Operation
LED Control

Interra iBMS Logic Server



- Interra iBMS Logic Server functions as a cross-standard gateway, cloud service integrator, complex network logic engine, easy-to-build visualization platform, IP Router and much more.
- Interra iBMS Logic Server supports iOS Siri and Google Voice control via native apps available in App Store and Google Play.
- Interra iBMS Logic Server is the simplest way to program complex logic in KNX/EIB, Modbus, BACnet and different networks.
- It enables you to efficiently customize building automation processes, offering end users the benefits of unlimited flexibility in a cost-effective way.



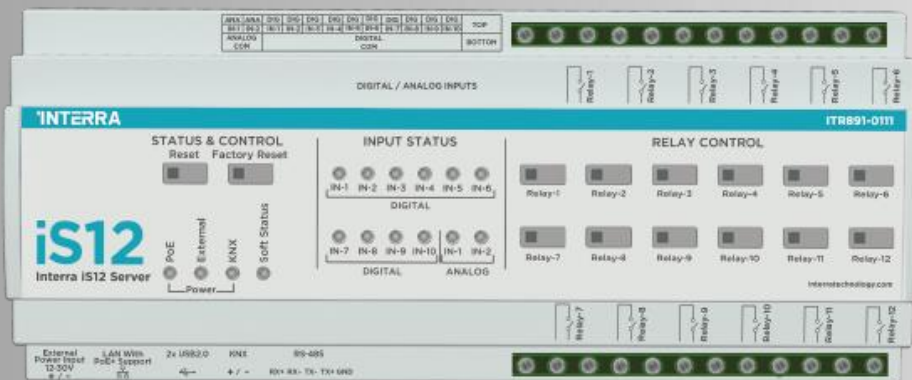
Interra iBMS Logic Server



- iBMS is an embedded platform with integrated Ethernet, USB, KNX/EIB and Serial interfaces. It allows you to use it as a cross-standard gateway, logic engine, visualization platform and IP Router.
- Scripting templates, a user-friendly, flexible configuration interface and cloud/web services enable integration with 3rd party devices.
- By applying custom scripts, iBMS can simultaneously act as a security panel, lighting controller, etc.
- iBMS also provides an app store and the ability to develop external applications.



Interra iS12 Master Control



Main Functions:

- 12 Inputs/Outputs
 - Supply with 12-30 V or PoE
 - KNX TP/RS-485
 - Physical visualization and control
 - Direct communication with 3.party IP basesmart devices
 - It can communicate with KNX devices.
 - KNX, Modbus, MQTT, DALI, BACnet, IFTT, WebSocket Door Lock, Reset API, EIO
 - Dynamic interface control
 - Communicate directly with BMS
 - Cloud secure mobile control
 - Logic based programming
- a single point with Interra products. Enhance the comfort of your life with scenarios you can create through our solutions.

Interra iS1 Master Control



Main Functions:

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

Interra iNode Logic Server (KNX TP & TCP/ IP)



Interra iNode Logic Server (KNX TP & TCP/ IP) is designed to communicate between devices using different protocols and send telegrams and data to BMS. It creates complex control configurations and scenarios between different protocols. It provides fast and easy installation with node-based dynamic drag and drop editor.

Main Functions:

- Supports up to 10,000 different data points
- 3 Outputs and 3 Inputs – 2 Models Based on KNX TP + IP or IP
- Configuration with Embedded Web Interface
- Customizable User Interface (Dashboard)
- Predefined and Ready to Use Nodes

Node Based Dynamic Logic Server



Drag & Drop Editor

Event Based Programming
Node Based Logic Editor
Functional Programming Support

Interra iNode Logic Server (TCP/ IP)



Interra iNodeLogic Server (TCP/ IP) 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 can be created. With its Node based programming/drag and drop editor enables to configure nodes, flows and dashboard to control the automation system.

Main Functions:

- Interra iNode Logic supports up to 10,000 different data points.
- iNode Logic Server can be configured by its web interface.
- User Interface (Dashboard) can be created with iNode Logic Server.
- iNode Logic Server comes with default and Interra Technology Nodes.
- iNode Logic Server has 3 Input and 3 Output connectors.

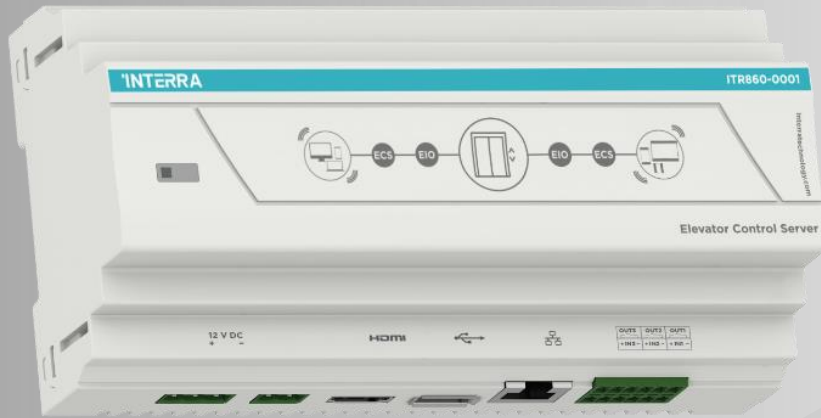
Node Based Dynamic Logic Server



Drag & Drop Editor

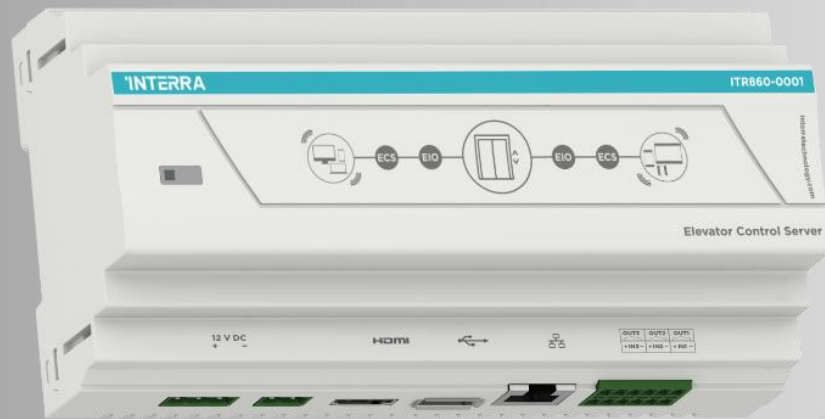
Event Based Programming
Node Based Logic Editor
Functional Programming Support

Interra Elevator Control Module (KNX TP & TCP/ IP)



- The Elevator Control Module (KNX TP & TCP/IP) sends information to the contacts on the elevator control card via the Interra EIO Module or KNX Combo Actuator devices, allowing it to be controlled via KNX TP & TCP/ IP via touch panels, mobile phones, intercom devices or other protocols.
- It can also be used to control with Elevator Control Module (KNX TP & TCP/ IP), EIO Module or Combo Actuators and to create different scenarios in the same line with different KNX devices such as KNX Sensors.
- With the embedded NodeRed application, unlimited scenario definitions can be made using the drag and drop system and can be used in all elevator systems where the elevator control card is accessible, regardless of brand. One of the biggest advantages of the device is that it provides mobile control via Interra touch panels.

Interra Elevator Control Module (TCP / IP)



- The Interra Elevator Control Module (TCP/IP) sends information to the contacts on the elevator control card via the Interra Ethernet IO device, allowing it to be controlled via TCP/IP with touch panels, intercom devices or other protocols.
- With the embedded NodeRed application, unlimited scenario definitions can be made using the drag and drop system and the elevator control card can be used in all elevator systems that are open to access, regardless of brand. One of the biggest advantages of the device is that it provides mobile control via Interra touch panel.

Interra Concierge Server



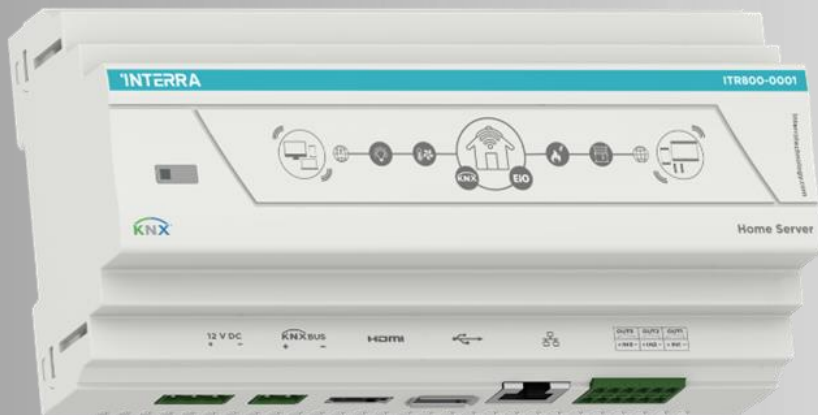
Interra Concierge Server is a device that plays an important role in providing comfort and convenience in living spaces by adding a new dimension to residence / hotel services. Interra Concierge Server adds extra value to the projects by enabling the site management to offer site management operations such as dues, announcements, invoices, messaging and services such as spa, taxi, valet, dry cleaning to end users.

It contains Interra Concierge Server application running on Linux operating system. The device operates with a 12 V DC power supply and requires a network connection. Communication with the apartments is done over TCP/IP network. There is an LED on the device that shows the operating status and a button that can give restart and reboot commands. Programming of the device is done by entering the interface of the device via web browser.

Main Functions:

- Supports unlimited clients, ROOM/FLAT Control and multiple control user types
- KNX and EIO devices collaborate via touch panels.
- Manages requests, alarm conditions, announcements, messages, invoices, smart metering, etc.

Interra Home Server



Interra Home Server is designed to control the entire automation system from a single smart point. It provides mobile control via the Interra Pro mobile app. Programmable with Interra Configurator without ETS software.

Main Functions:

- Can be used in EIO (Ethernet I/O) or KNX automation Systems.
- With the timer feature, operations can be performed daily, weekly, monthly, yearly or according to specified programs.
- Security systems can be controlled with mobile and panel applications.
- Available cameras can be displayed.
- Unlimited logic operations can be created.
- Notifications can be sent to mobile applications instantly via Google or Apple Cloud.
- It can control all IoT compatible devices.
- With Home Server, the home can be controlled with mobile software via the voice command assistant Apple Siri.

Interra SIP Server



Interra SIP Server is a computer that provides video intercom service and ensures that communication traffic is maintained smoothly. Interra SIP Server is the main component of an IP PBX and mainly deals with the management of all SIP calls on the network. It is also referred to as SIP Proxy or Registrar and enables SIP communication between touch panels, external units, IP phones and other components in PBX systems.

Main Functions:

- Support for 100 simultaneous calls, 5000 clients and all kinds of SIP Clients (Cell phones, IP Phones, Intercoms, Touch Panels...etc).
- The Interra SIP server consumes very low power consumption (less than 3 watts nominal, less than 10 watts maximum).
- There are no fans and moving parts on the SIP Server.
- Easy to configure SIP Server via Web Interface.
- Interra SIP Server offers a 10-year life time.

Interra DALI-2 Master Controller Series



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

Interra DALI-2 Master Controller Series



Control Options

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



Fast Commissioning

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



Fault Check

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



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.



Remote Update

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



Integrated DALI PSU

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



Emergency Lighting

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



Tunable White & RGB

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



Manual Control

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

Interra DALI-2 Multi Sensor Series



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

Main Functions:

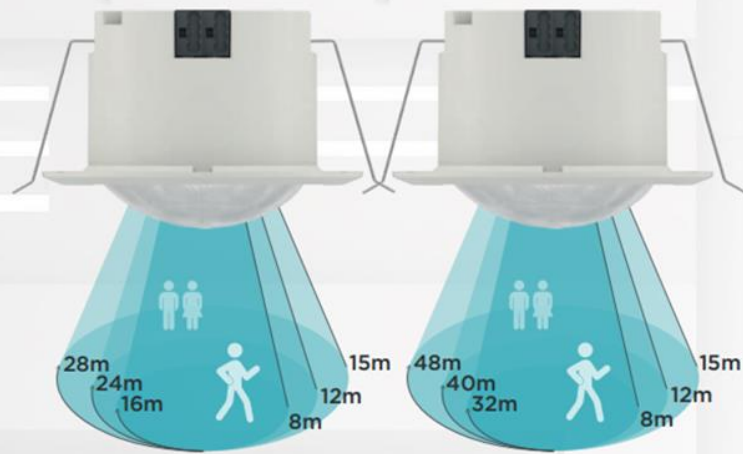
- Supply with 12-30 V or PoE
- KNX TP/RS-485
- Physical visualization and control
- Direct communication with 3.party IP bas smart devices
- It can communicate with KNX devices.

Interra DALI-2 Multi Sensor Series

Interra DALI-2 Motion Sensor Detection Ranges

DALI-2 High-Bay Motion Sensor

DALI-2 High-Bay+ Motion Sensor

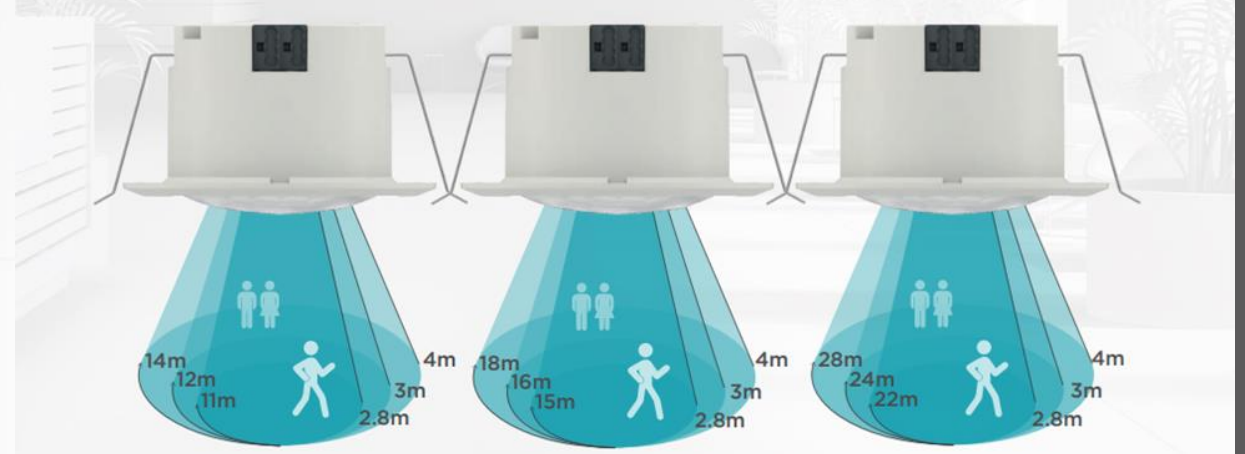


Interra DALI-2 Presence Sensor Detection Ranges

DALI-2 Mid-Range Presence Sensor

DALI-2 Mid-Range+ Presence Sensor

DALI-2 Wide-Range Presence Sensor



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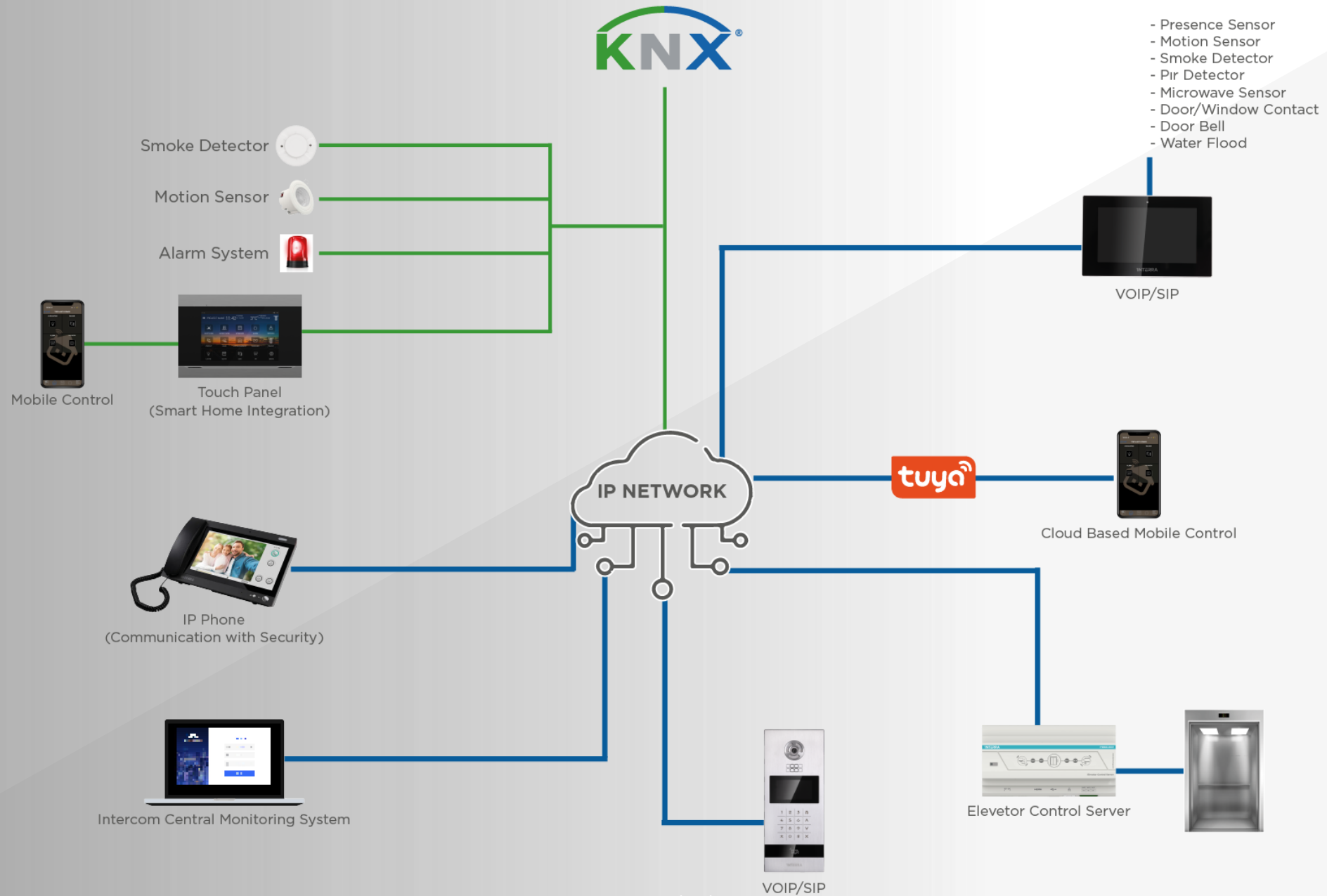
—Developer of Uniqueness—

INTERCOM SERIES

www.interratechnology.com



INTERRA INTERCOM SYSTEM TOPOLOGY



Android Face Recognition Outdoor Video Intercom

IP65

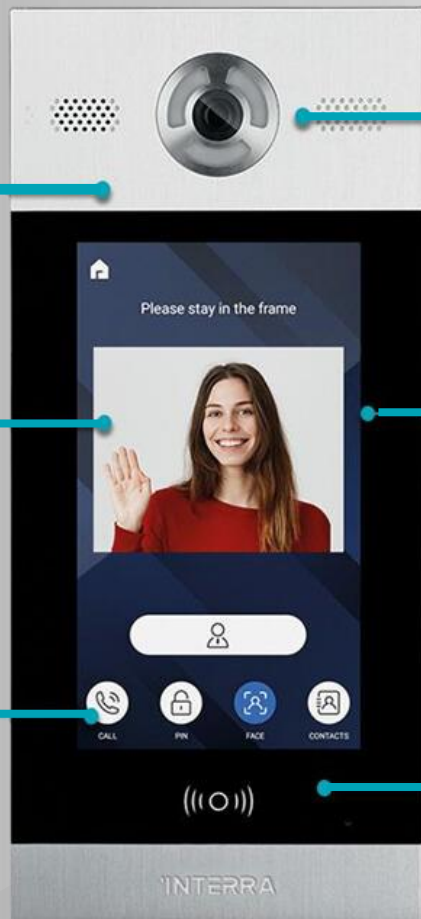
Waterproof and Dustproof

Interface

2M Pixels CMOS

Relay Output

One Relay Output for Door Opening (Two Relay Outputs Supported by Additional Unlock Module)



Camera (Face Recognition)

2M Pixels CMOS

Display

10.1" 1024*600 Resolution LCD Screen

Card Reader

100.000 IC/ID cards and 10.000 faces can be registered on the device.

- 10.1" Capacitive Touch Screen
- Touch Aluminum
- Android 4.2.2
- SIP Support / VOIP Interview
- Screen Saver over HTTP
- RTSP Stream
- Mobile Control



Working Temperature

-10°C to +55°C (default); -40°C to +55°C (with heating film)

Storage Temperature

-40°C - +70°C

Android Face Recognition Outdoor Video Intercom

Interface



Wiegand, RS485, Exit Button and Door Magnetic

Relay Output

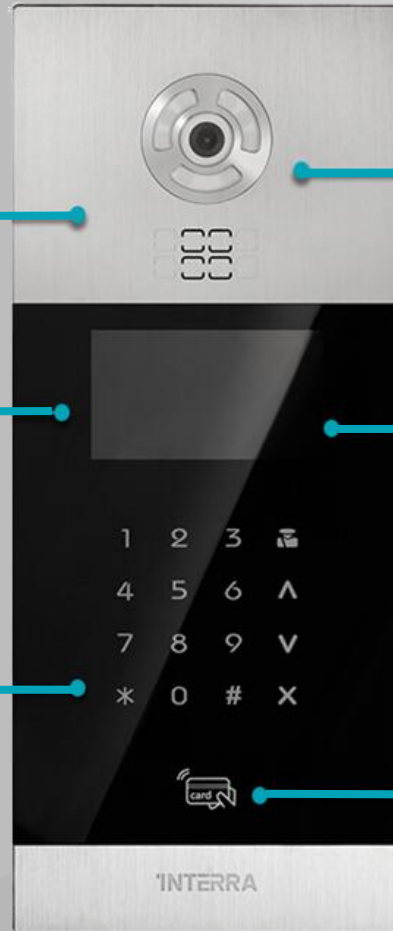


One Relay Output for Door Opening (Two Relay Outputs Supported by Additional Unlock Module)

Keypad



Numeric Keypad



Camera (Face Recognition)

2M Pixels CMOS



Display

4.3" Color TFT LCD



Card Reader

100.000 IC/ID cards and 10.000 faces can be registered on the device.

- 4.3TFT Screen
- Touch Black Glass
- Android 4.2.2
- SIP Support / VOIP Interview
- Screen Saver over HTTP
- RTSP Streaming
- Mobile Control



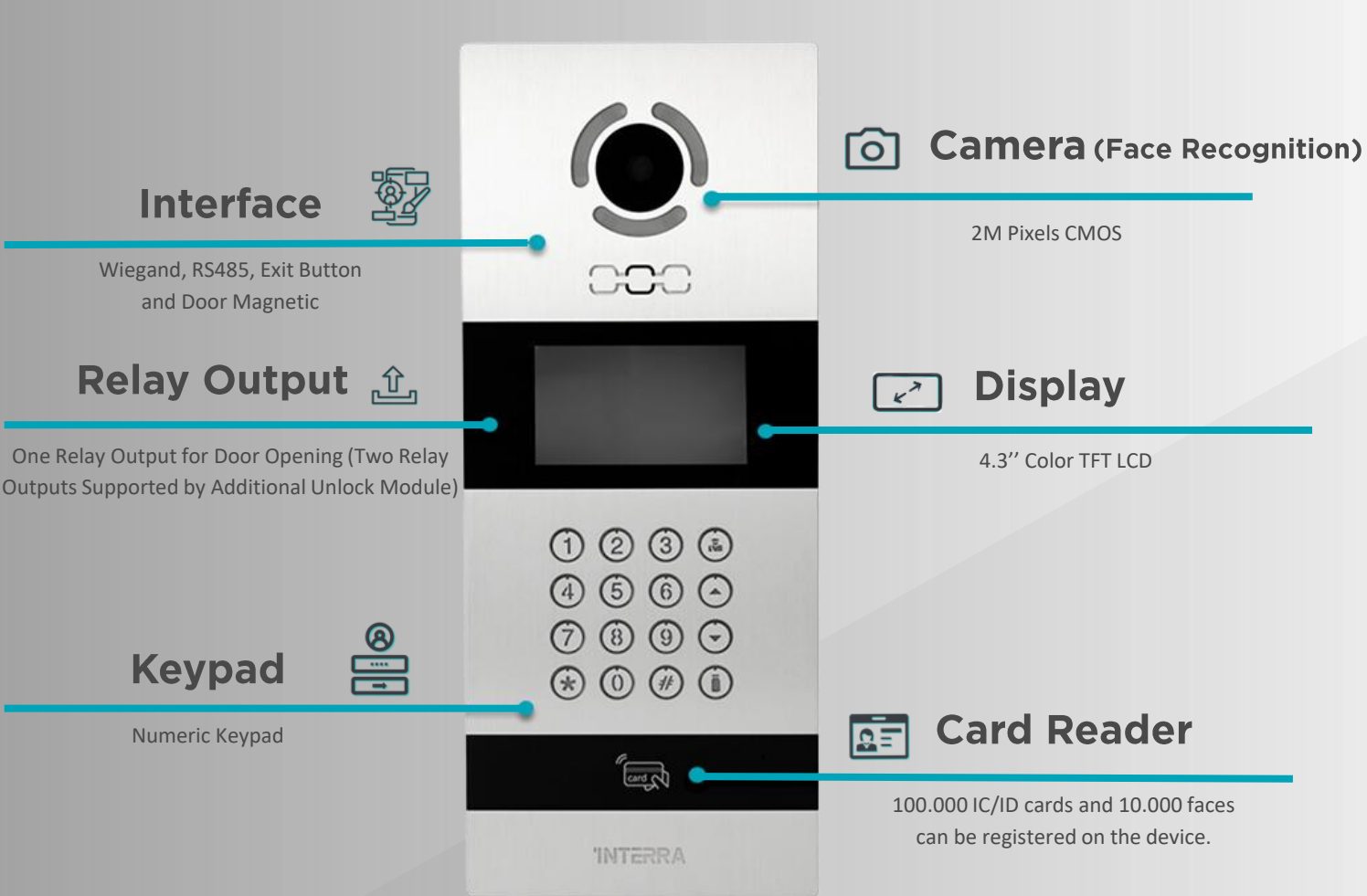
Working Temperature

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Storage Temperature

-40°C - +70°C

Android Face Recognition Outdoor Video Intercom



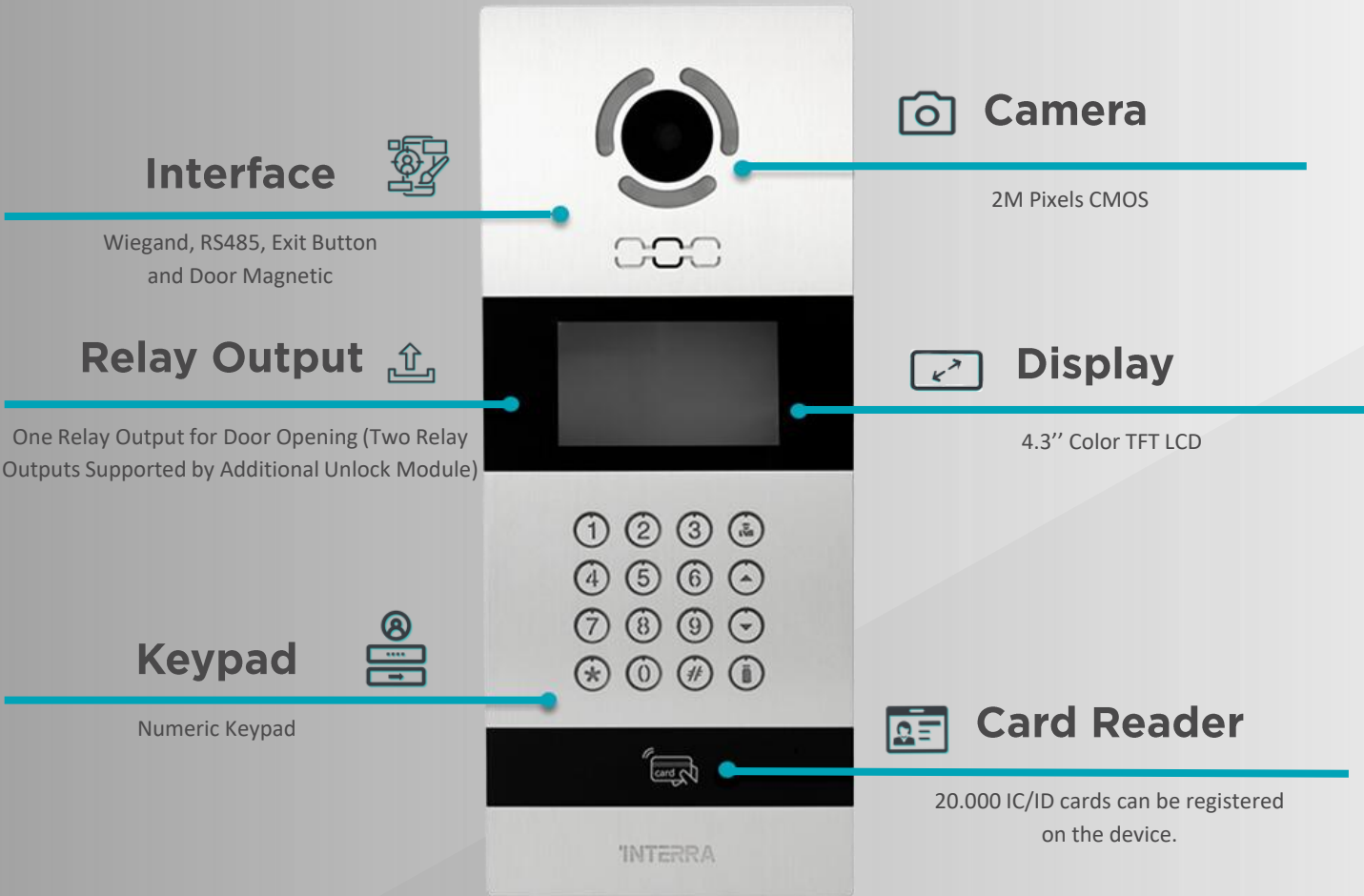
- 4.3 TFT Screen
- Aluminium Mechanical Button
- Android 4.2.2
- Screen Saver over HTTP
- RTSP Streaming
- SIP Support / VOIP Interview
- Mobile Control



Working Temperature
-10°C to +55°C (default); -40°C to +55°C (with heating film)

Storage Temperature
-40°C - +70°C

Linux Outdoor Video Intercom



- 4.3TFT Screen
- Aluminium Mechanical Button
- Wiegand, RS485, Exit Button and Door Magnetic Interface
- 2M pixel CMOS
- SIP Support
- Mobile Control



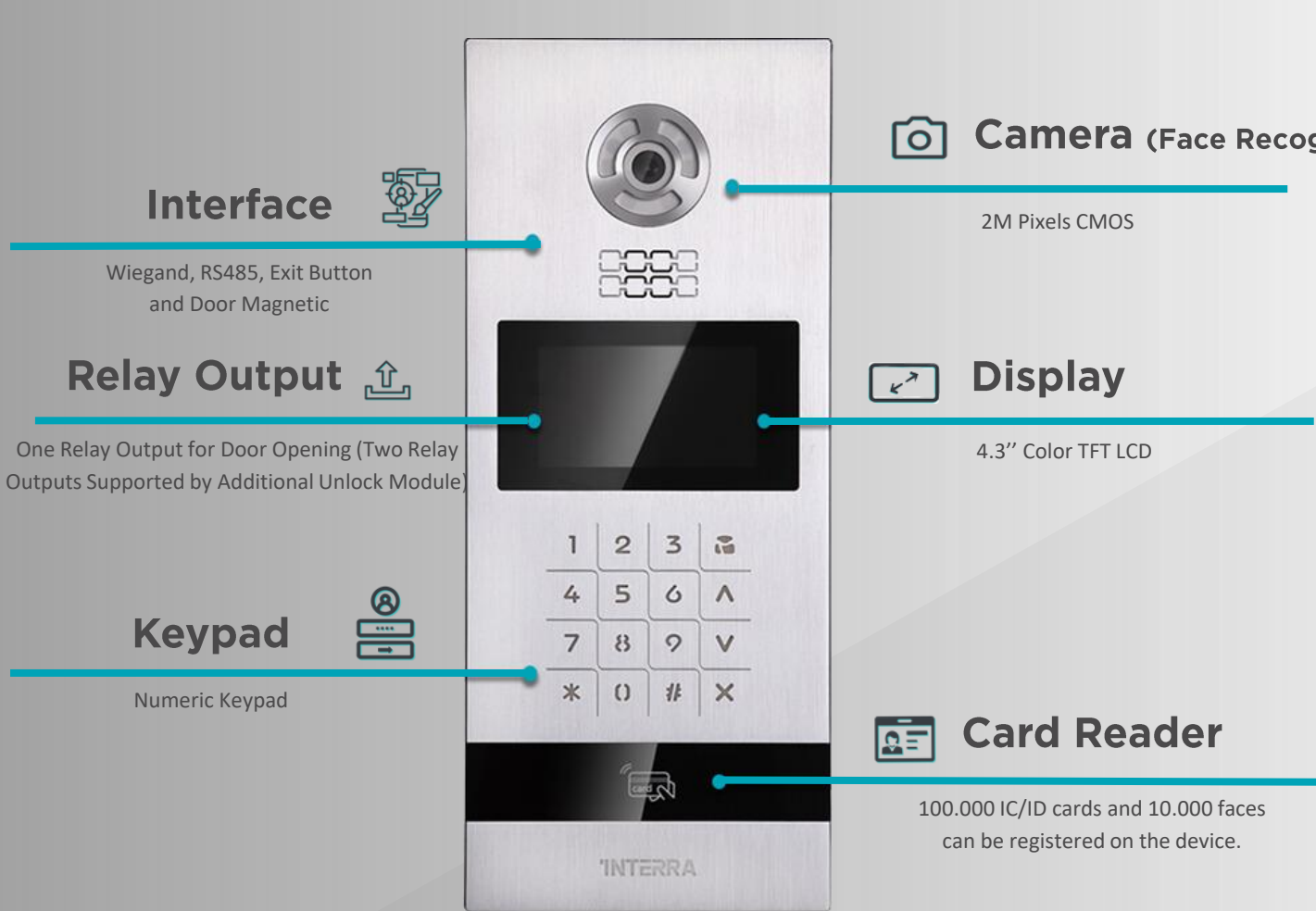
Working Temperature

-10°C to +55°C (default); -40°C to +55°C (with heating film)

Storage Temperature

-40°C - +70°C

Android Face Recognition Outdoor Video Intercom



- 4.3TFT Screen
- Touch Aluminium
- Android 4.2.2
- SIP Support / VOIP Interview
- Screen Saver over HTTP
- RTSP Streaming
- Mobile Control



Working Temperature

-10°C to +55°C (default); -40°C to +55°C (with heating film)

Storage Temperature

-40°C - +70°C

Linux One-Button Outdoor Video Intercom



- Linux OS
- Push Button
- SIP Support / VOIP Interview
- RTSP Streaming
- Mobile Control
- Support LED Light for Night Vision
- Support unlocking by Exit button and door magnetic detection.



Linux One-Button Outdoor Video Intercom

Interface



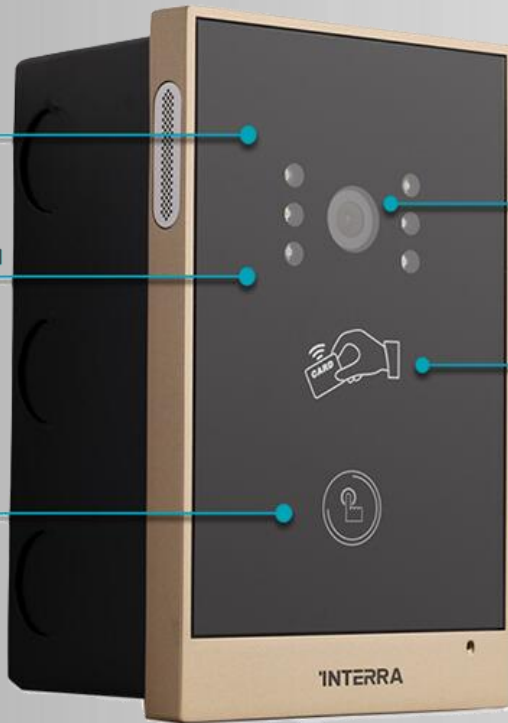
Wiegand, RS485, Exit Button
and Door Magnetic

Relay Output



Relay Output for Door Opening

Call Button



Camera

2M Pixels CMOS



Card Reader

20,000 IC/ID cards can be registered
on the device.

- Linux OS
- Touch Button
- SIP Support / VOIP Interview
- RTSP Streaming
- Mobile Control
- Call indoormonitor by one button.
- Support unlocking by Exit button and door magnetic detection.
- Support LED Light for Night Vision

Aluminum Body, Surface Mounted Villa Type Video Intercom



Interface



RS485, ExitButton and
Door Magnetic

Relay Output



Two relayoutputs to
control two locks

Call Button



Camera

2M Pixels CMOS



Card Reader

20.000 IC/ID cards can be registered
on the device.

- Name Labeled Mechanical Button
- Calling the Internal Inercom Panel with a Single Button
- Two Relay Outputs
- Door Open Detection and Unlock with Exit Button
- LED Illumination for Night Vision

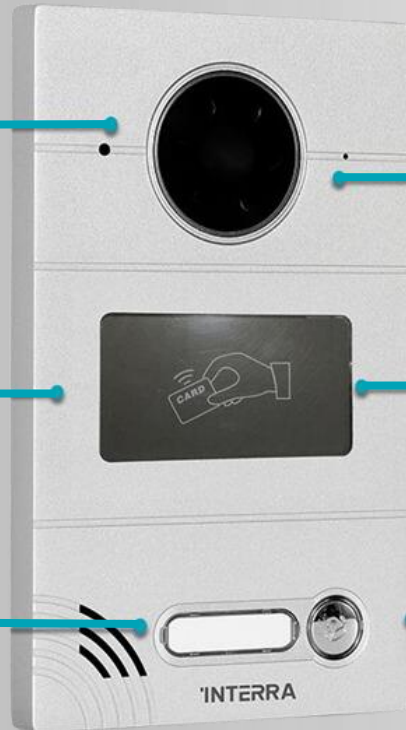
- ✓Product Size: 170 x 84,5 x 31 mm
- ✓Button: One Mechanical Button
- ✓IP Class: IP65
- ✓Camera: CMOS 2M pixel
- ✓Video Resolution: 1280×720p
- ✓LED NightVision: Yes
- ✓Protocol: TCP/IP, SIP

Silver Linux Villa Type Video Intercom

Interface



RS485, ExitButton and
Door Magnetic



Camera

2M Pixels CMOS

Relay Output



Two relay outputs to
control two locks



Card Reader

20.000 IC/ID cards can be registered
on the device.

Name Tag



Call Button

- Name Labeled Mechanical Button
- Adding 20,000 IC/ID Cards
- Two Relay Outputs
- Weather Resistance
- Powered by PoE or External Power Supply

- ✓Product Size: 116 x 192 x 47 mm
- ✓Button: One Mechanical Button
- ✓IP Class: IP65
- ✓Camera: CMOS 2M pixels
- ✓Video Resolution: 1280x720p
- ✓LED NightVision: Yes
- ✓Protocol: TCP/IP, SIP

↳ Silver Linux Villa Type Video Intercom

Interface



RS485, Exit Button and
Door Magnetic

Relay Output



Two relay outputs to
control two locks

Name Tag

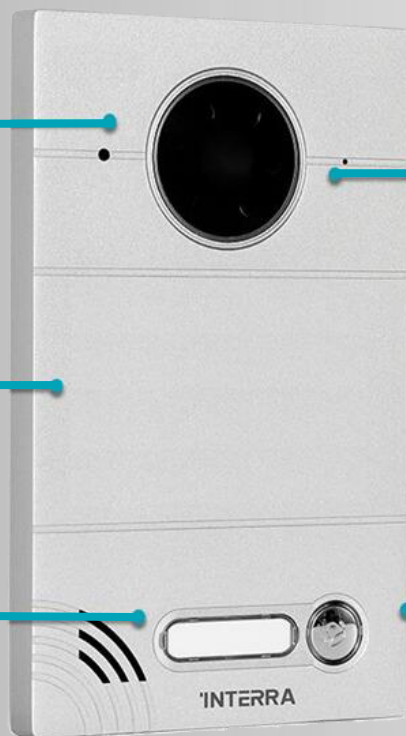


Call Button



Camera

2M Pixels CMOS



- Name Labeled Mechanical Button
- Two Relay Outputs
- Weather Resistance
- Powered by PoE or External Power Supply

- ✓Product Size: 116 x 192 x 47 mm
- ✓Button: One Mechanical Button
- ✓IP Class: IP65
- ✓Camera: CMOS 2M pixels
- ✓Video Resolution: 1280x720p
- ✓LED NightVision: Yes
- ✓Protocol: TCP/IP, SIP

Silver Linux Villa Type Video Intercom

Interface



RS485, Exit Button and
Door Magnetic

Relay Output



Two relay outputs to
control two locks

Name Tag



Call Button

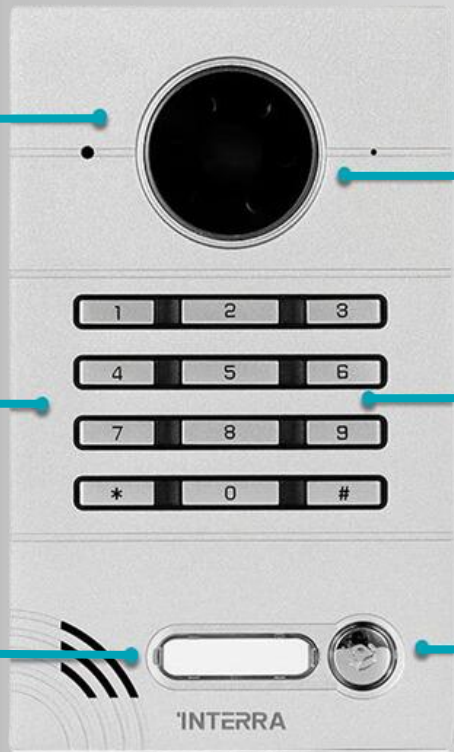


Camera

2M Pixels CMOS



Password Keypad



- Name labeled Mechanical Button and Password Keypad
- Ability to Add 8 Admin Passwords to Unlock the Door
- Two Relay Outputs
- Weather Resistance
- Powered by PoE or External Power Supply

- ✓Product Size: 116 x 192 x 47 mm
- ✓Button: One Mechanical Button
- ✓IP Class: IP65
- ✓Camera: CMOS 2M pixels
- ✓Video Resolution: 1280×720p
- ✓LED NightVision: Yes
- ✓Protocol: TCP/IP, SIP

Black Mini Video Intercom

Led Light

Microphone

Camera

2M Pixels CMOS

Card Reader

Call Button

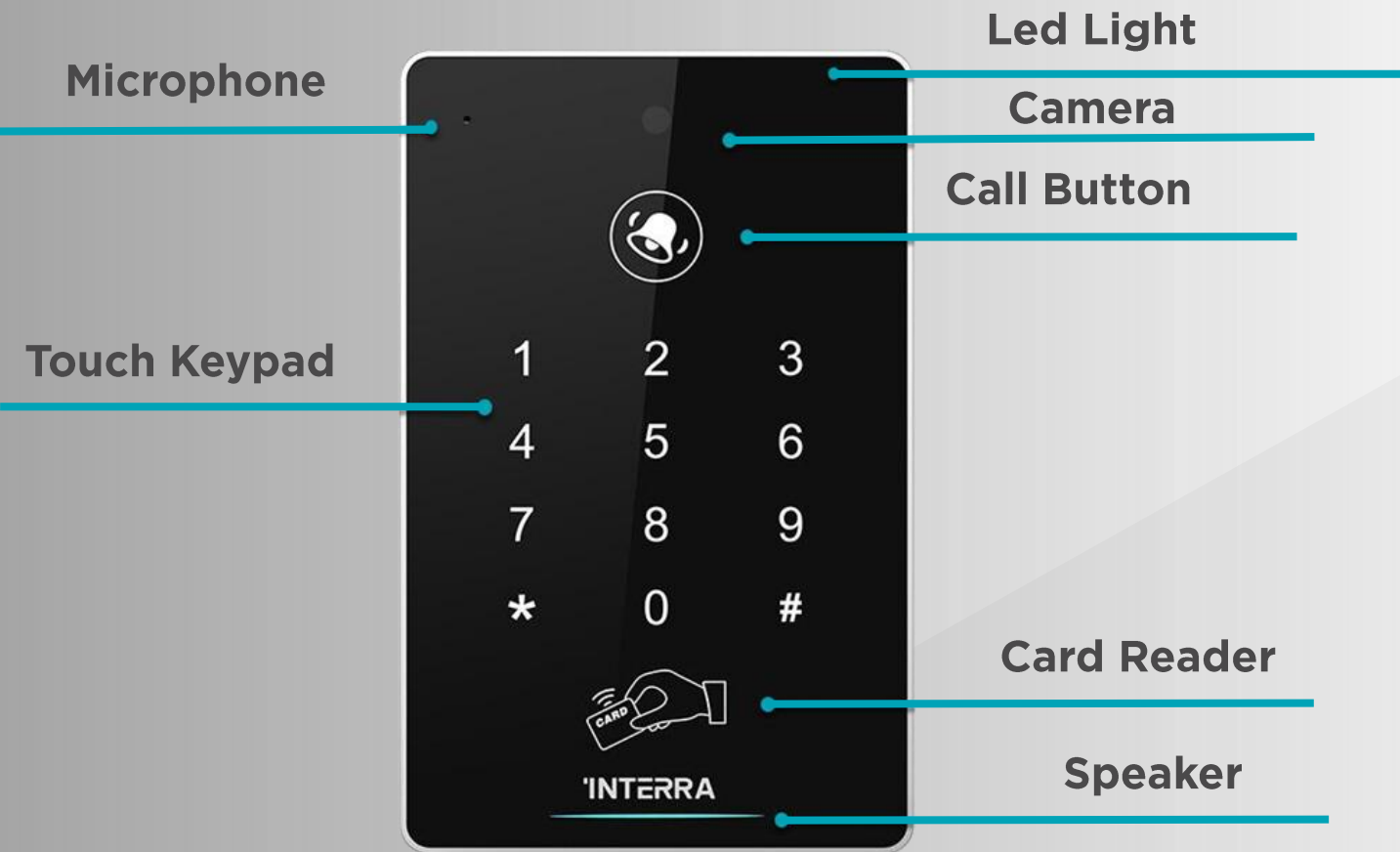
Speaker



- Card Reader and Mechanical Button
- Ability to Add 20,000 IC/ID Cards to Unlock Doors and When Equipped with an Optional Unlock Module
- Two Relay Outputs
- Weather Resistant
- Can be Powered by PoE or an External Power Supply

- ✓Product Size: 116 x 192 x 47 mm
- ✓Button: One Mechanical Button
- ✓IP Class: IP65
- ✓Camera: CMOS 2M pixels
- ✓Video Resolution: 1280×720p
- ✓LED NightVision: Yes
- ✓Protocol: TCP/IP, SIP

Black Access Controller



- Password Keypad And Touch Button
- Integrated Camera for Use as Video Intercom
- Ability to Work Not Only as a Video Access Controller, but also as a Video Doorbell
- Remotely Answering a Call with the Handset
- Voice and Video Communication with SIP Phones, Smartphones
- Pad etc with SIP2.0 Protocol. Also, Door Lock Can Be Opened With Password or IC/ID Card.

10.1" Linux Black Touch Indoor Monitor



- VOIP: support video call, camera monitor, unlock, VOIP communication and check call logs
- Security: Supports 8 different zones with 3 different scenarios
- Linux operating system
- Monitoring the outdoor video station camera
- User interface customization
- Every SIP conforms to SIP and VOIP standards for easy integration into VOIP-enabled devices.

7" Linux Black Touch Indoor Monitor



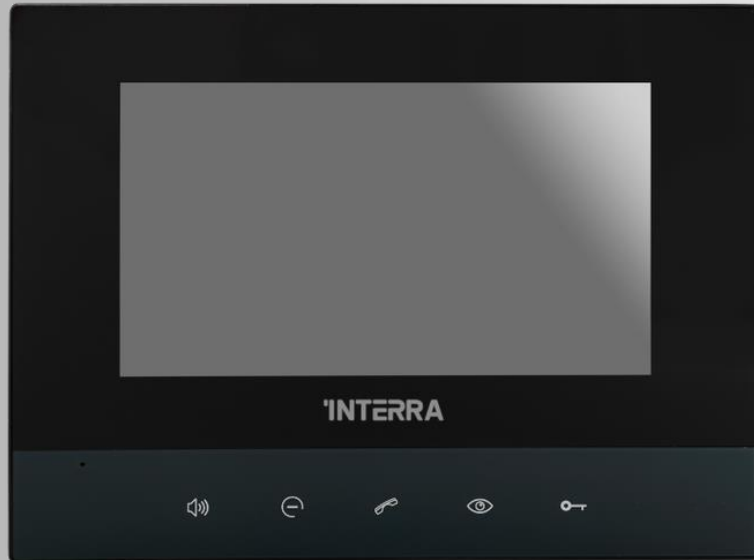
- VOIP: support video call, camera monitor, unlock, VOIP communication and check call logs
- Security: Supports 8 different zones with 3 different scenarios
- Linux operating system
- Monitoring the outdoor video station camera
- User interface customization
- Every SIP conforms to SIP and VOIP standards for easy integration into VOIP-enabled devices.

7" Linux Silver Touch Indoor Monitor



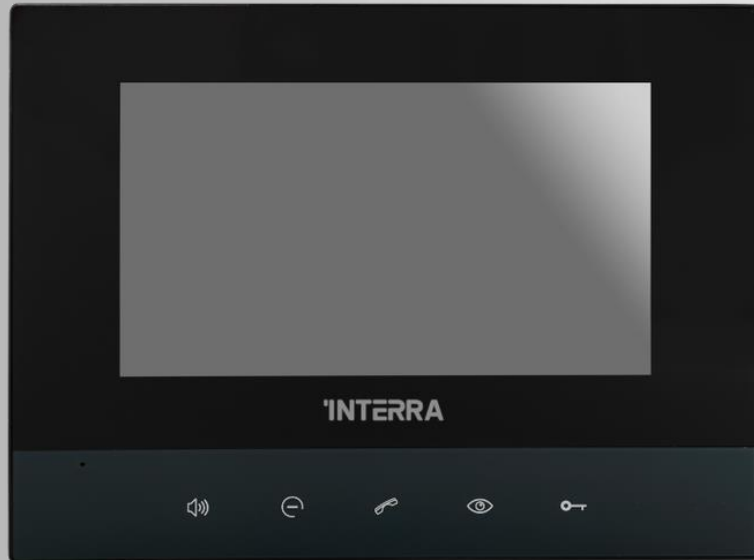
- VOIP: supports video call, camera monitor, unlock, VOIP communication, and check the call records
- Security: supports 8 different regions with 3 different scenarios
- Linux OS
- Watching the outdoor video station camera
- User interface customization

7" Android Indoor Monitor



- VOIP: supports video call, camera monitor, unlock, VOIP communication, and check the call records
- Security: supports 8 different regions with 3 different scenarios
- Android 4.4.2 OS
- Watching the outdoor video station camera
- Touch Buttons for Answer, Reject, Call, Camera Monitor, and Unlock
- User interface customization

7" Linux Indoor Monitor



- VOIP: supports video call, camera monitor, unlock, VOIP communication, and check the call records
- Security: supports 8 different regions with 3 different scenarios
- Linux OS
- Watching the outdoor video station camera
- Touch Buttons for Answer, Reject, Call, Camera Monitor, and Unlock
- User interface customization

2.4" Wireless Indoor Monitor (IP Phone)



2.4" Screen Wireless Intercom Monitor Handset (IP Phone) for intercom management provides flexibility in your home by allowing you to control your door and communicate freely with your guests. The entire unit consists of a handset and a dockable charging station. The handset can be moved thanks to its rechargeable battery so residents can answer a call anytime and anywhere. Customized to meet the user's needs.

- ✓Display: 2.4 inch LCD,480x272
- ✓Power: DC12V
- ✓Camera: No
- ✓Protocol: TCP/IP, SIP
- ✓Multi-Language: Yes
- ✓User Interface Customization: Yes

SIP Management Center w/ Touch Screen

10.1- inch Capacitive Touch Screen



Android OS



1024x600 Resolution



Handset or Hands-Free Communication



PoE and DC12V Adapter



SIP 2.0 for Easy Integration

Interra SIP Management Center w/ Touch Screen is mainly used in guard stations, it enables concierge to send messages, for example, utilities, weather forecasts, etc. to apartment residents. It can also manage the access control for visitors, to gives you the combined benefit of security and convenience.

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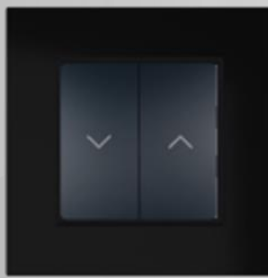
—Developer of Uniqueness—

SWITCH & SOCKET SERIES

www.interratechnology.com



Interra EU, UK and Universal Switch & Socket Series



Interra offers 3 different switch and socket series as EU, UK and Universal type. They are designed specifically for the needs of the hotels and fully compatible with Interra automation switches and provide a complete aesthetic

Functions:

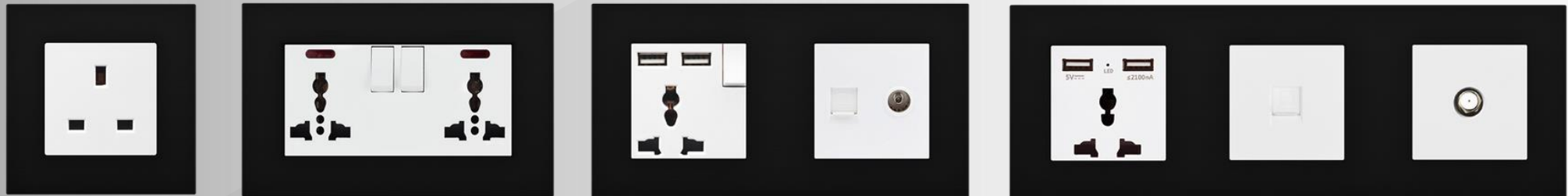
- Bronze Aluminium
- Natural Aluminium
- Black Aluminium
- Gold Aluminium
- Black Plexiglass
- White Plexiglass

Interra EU, UK and Universal Switch & Socket Series

- UK & Universal Bronze Aluminium Switch and Socket Series



- UK & Universal Black Aluminium Switch and Socket Series

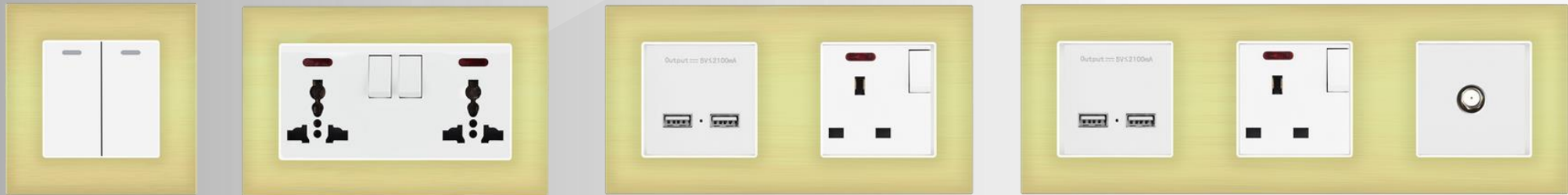


Interra EU, UK and Universal Switch & Socket Series

- UK & Universal Bronze Aluminium Switch and Socket Series



- UK & Universal Gold Aluminium Switch and Socket Series



Interra Universal Switch & Socket Series

- EU – C / F Type Bronze Aluminium Switch & Socket Series



- EU – C / F Type Black Aluminium Switch & Socket Series



Interra Universal Switch & Socket Series

- EU – C / F Type Natural Aluminium Switch & Socket Series



- EU – C / F Type Gold Aluminium Switch & Socket Series



Interra Universal Switch & Socket Series

- EU – C / F Type White Plexiglass Switch & Socket Series



- EU – C / F Type Black Plexiglass Switch & Socket Series



'INTERRA

Developer of Uniqueness

THANKS

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