TIS
CONTROL EVERYTHING

Leading the
Automation
Revolution

Leading the
**Automation
Revolution**

CONTENTS

ABOUT US

At TIS Control, we are passionate about the role of smart technology in shaping the modern world. We believe that our solutions can make lives more efficient, safe, and sustainable not just for today, but for future generations as well.

Our commitment to excellence drives us to design solutions that offer convenience without sacrificing style or accessibility.With TIS, you can enjoy the benefits of smart living, both now and in the future.

CRAFTED FOR UTILITY

Upgrade any space with TIS technology and experience the power of intelligence. Our smart devices seamlessly communicate with you and other components, providing real-time services that make life easier.

Through IoT-powered technology, we create a fully coordinated ecosystem of solutions that work automatically and efficiently in any designated space. TIS is a constantly evolving body of interconnected systems and smart products that ensures you have the most advanced technology at your fingertips.

ABOUT US

Your location doesn't matter
when you're in control

TIS CONTROL EVERYTHING

2012

TIS Control Ltd. has been at the forefront of designing and supplying smart technology solutions since founded in 2012. Our range of products includes smart lighting, climate control, and security systems, designed to cater to the unique needs of any environment.

With a commitment to providing the most efficient, practical, and user-friendly solutions, we have built a strong reputation as a trusted and reliable company.

Our focus on flexibility and functionality ensures that our automation systems are tailored to the needs of each individual user.

TIS FOUNDED

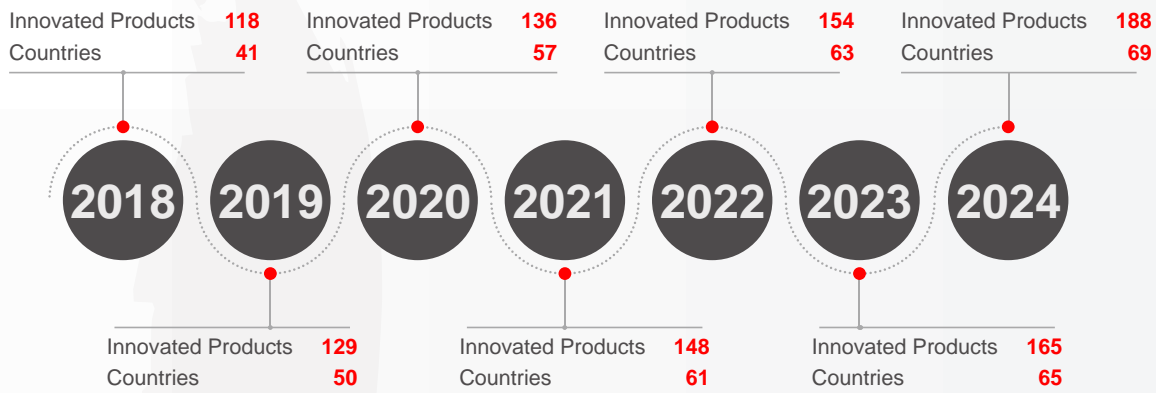|	2012	2013	2014	2015	2016	2017
Innovated Products	6	33	64	77	93	106
Countries	2	7	12	17	24	33

TIS CONTROL EVERYTHING

WHY TIS?

At TIS Control, we understand that automating a building can be a daunting task. That's why we offer a comprehensive range of multi-functional products that allow you to automate any building under one brand.

We prioritize integration compatibility and ensure that our solutions are designed to work seamlessly with gateways and linking modules, as well as universal protocols. Our professional team is committed to providing personalized and eco-friendly solutions that meet your specific needs, while delivering accurate performance.

With TIS Control, you can create a connected and diverse system of smart products that best suit your preferences and goals. Our range of over 150 home and building automation products provides reliable and user-friendly solutions to cover all your smart technology needs.

With easy installation and maximum functionality, our products offer seamless integration to create a complete and personalized automation system for your property.

	Innovated Products	Countries
2018	118	41
2019	129	50
2020	136	57
2021	148	61
2022	154	63
2023	165	65
2024	188	69

TIS CONTROL EVERYTHING

TIS TECHNOLOGY

TIS Smart technology operates through three protocols, each with its own unique features and possibilities including being open for 3rd party integration, and can be easily controlled through the TIS app.

TIS BUS

TIS Bus networking enables wired products to run programmed or automatic commands. As this platform requires a cable specific infrastructure, it is recommended to consider a Bus automation system in the early stages of building construction.

TIS AIR

TIS Air networking is a platform for wireless devices and solutions to communicate and operate. The cable-free Air series of products requires a Wi-Fi connection and offers several advantages, including remote control, low energy consumption, and flexible fitting locations and stages.

TIS BEE

TIS-Bee networking consists of ZigBee-powered devices that operate on low-consumption batteries within the TIS automation system. This series is perfect for interior renovations and complements the smart control dashboard.

TIS CONTROL EVERYTHING

WHAT WE DO

- Control Panels
- Lighting
- Thermostat
- Security
- Sensors
- Controllers
- Accessories
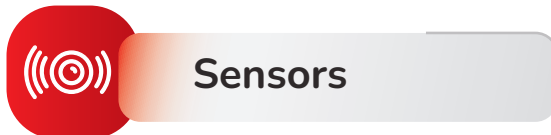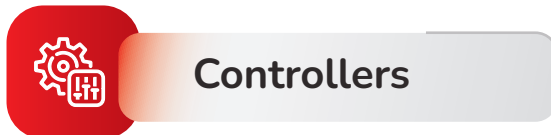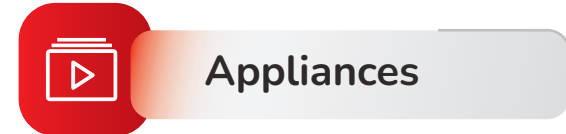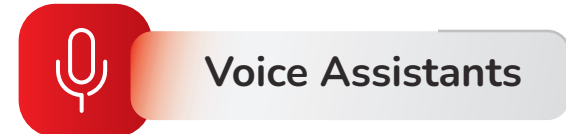
- Appliances
- Voice Assistants
- Application
- Motorization
- Metering
- Hotel GRMs
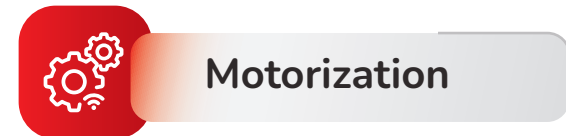
TIS CONTROL EVERYTHING

TIS IN A NUTSHELL

Count on our solutions for streamline integration, simple design, and seamless connectivity.
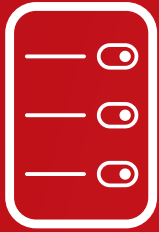
CONTROL PANELS

Complete control through a single point of management

All functions within a building can be managed locally and instantly through elegant touch screens.

These touch screens are available in various dimensions and offer a personalized interface with simple icons designed to make every operation fast and intuitive.

The same interface can also be found in the control app through smartphones or tablets, providing a homogeneous and ergonomic user experience throughout the system.

TIS CONTROL EVERYTHING

CONTROL LIMITLESSLY

With TIS and its local and cloud connectivity, everything can be controlled from anywhere using a touch wall switch, virtual voice assistant, or smartphone app.

Our solutions offer the advantage of having built-in intelligence that ensures system reliability, even when there is no connection to the cloud.

SATURN SERIES

The Saturn series offers a wide range of features, including the ability to personalize the main screen of the interface to make frequently used scenarios more accessible. With a step-by-step wizard, users can create different scenarios that fit their lifestyle needs.

TIS CONTROL
EVERYTHING

SATURN

AN ADVENTUROUS HOME CONTROL

The Saturn series also includes various personalization options to meet diverse housing needs and can control all home components through a single control dashboard. This makes it both convenient and enjoyable to set and monitor your property.
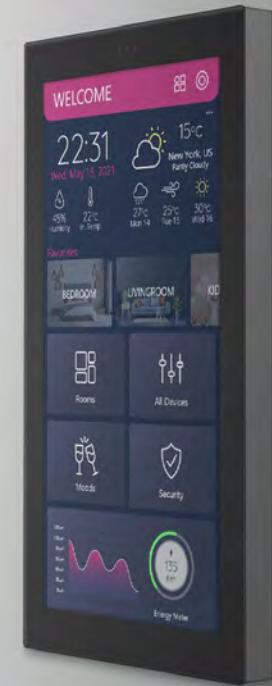
SATURN 101

Saturn 101 is the perfect smart display for home and building automation, featuring a 10-inch high-resolution screen that enhances any décor. With quick PoE installation and seamless WiFi, TIS-BUS, and Bluetooth integration, it offers full control of your environment. Enjoy its 3D map, built-in speaker, intercom functionality, and easy management of all smart systems in one interface, simplifying your experience and boosting comfort.

SATURN

TIS CONTROL EVERYTHING

SATURN REMOTE

The TIS Saturn Remote Control puts smart home management at your fingertips. With a 3" touchscreen and customizable Saturn series interface, it offers effortless control over lighting, climate, security, multimedia, and more. Sturdy physical buttons and an ergonomic design provide comfort and reliability, while the premium build ensures durability and impact resistance. Ideal for enhancing your smart home experience with seamless, personalized control.

CONTROL MULTIMEDIA SYSTEM

ADJUST LIGHTS

ADJUST TEMPRATURE

ACTIVE MOODS

TiS CONTROL EVERYTHING
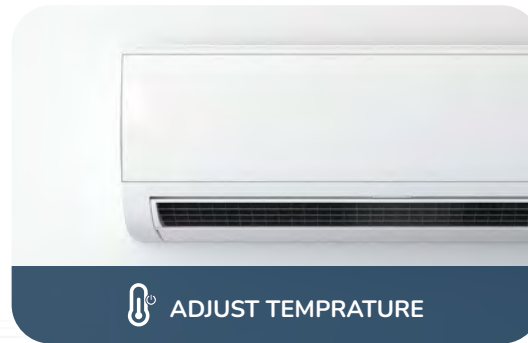
TITAN & TITANIA SERIES

Elegant functionality

This is Titania/Titan: characterized by essential formal rigor yet enlivened by a dynamic design. This series is perfect for adding value to any room or space, thanks to its captivating shapes and materials.

⊛ COLOURS

TITANIA

TITAN
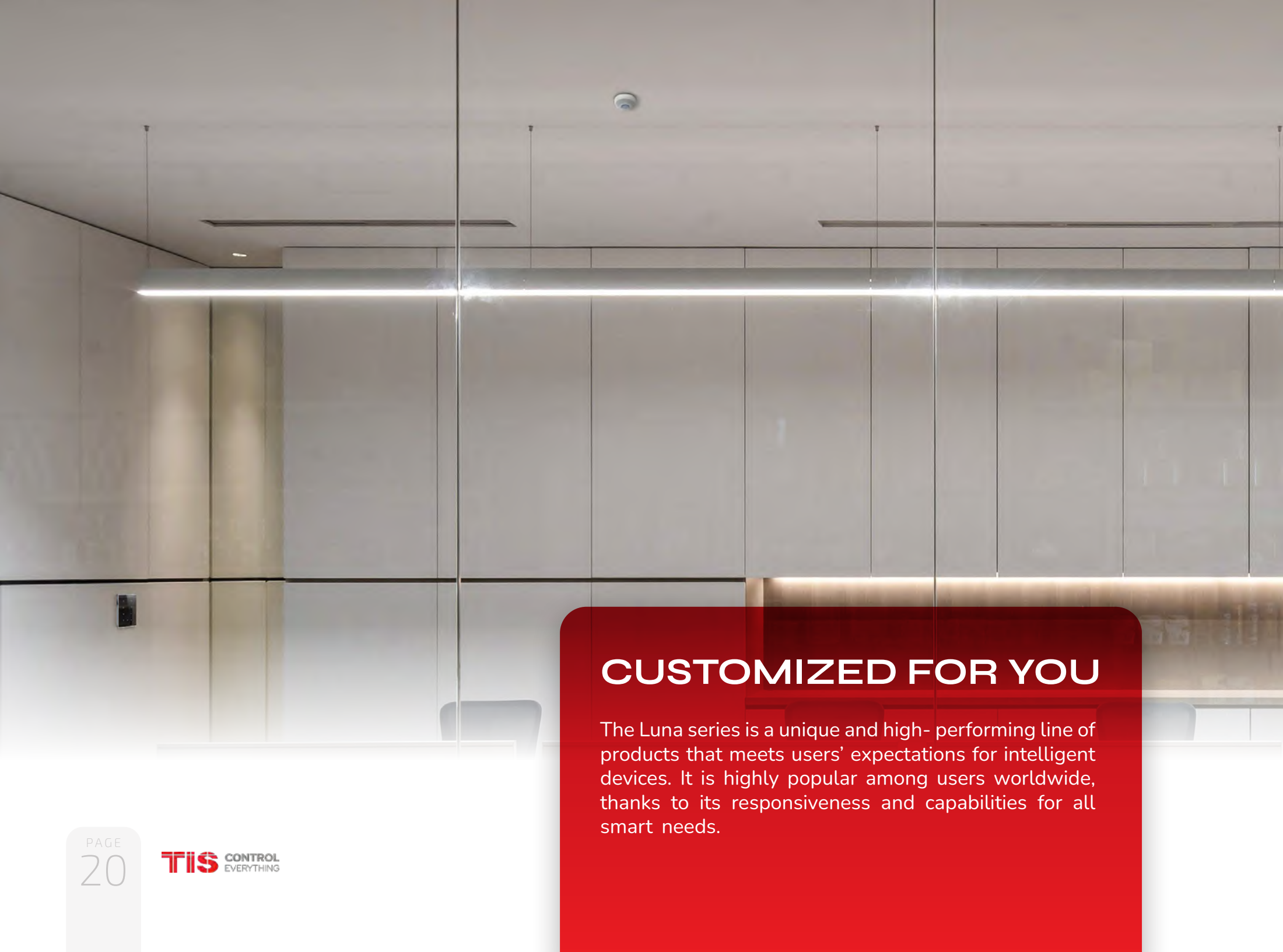
CUSTOMIZED FOR YOU

The Luna series is a unique and high- performing line of products that meets users' expectations for intelligent devices. It is highly popular among users worldwide, thanks to its responsiveness and capabilities for all smart needs.

TIS CONTROL EVERYTHING

VARIETY & PRACTICALITY;
LUNA'S SIGNATURE

Luna offers a diverse range of smart wall switches suitable for homes, offices, and hospitality facilities, making it a versatile choice for anyone. The Luna series works seamlessly with other components to create a flawless automation system.

VENERA SERIES

Add a Touch of elegance to your home décor

Venera is a series of intelligent wall-mount switches that allow you to control everything around you! Whether you're upgrading a single room or your entire home, Venera switches offer the ideal solution for modernizing your home's status, look and feel.

V SERIES
VENERA

TIS CONTROL EVERYTHING

Venera gives your home environment an inspiring new look

Our sleek and stylish switches are designed to add a touch of elegance and sophistication to your living space.

TIS CONTROL EVERYTHING

IO HOTEL INTERFACES

Don't settle for mediocrity – Upgrade your hotel!

Introducing the IO Hotel Series - the ultimate solution for upgrading your hotel's management and providing guests with an unforgettable experience!

TIS CONTROL EVERYTHING

IO
SERIES
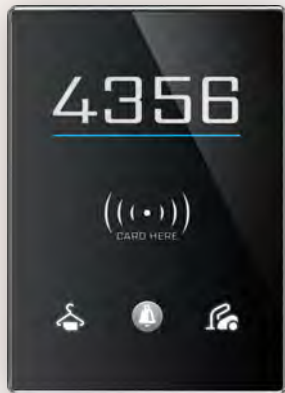
This comprehensive series includes a range of products for room control, access control, guest-staff interaction, and hotel management, adding significant value to any hotel.

With the IO Hotel Series, hotels can enjoy seamless and efficient management, while guests are treated to an unparalleled level of comfort and convenience, ensuring a memorable stay.

TERRE
SERIES

TIS CONTROL EVERYTHING
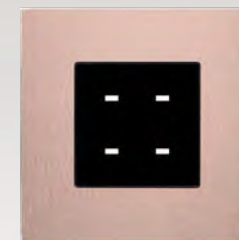
TERRE SERIES

Value & refinement

Introducing Terre: a series where technology meets beauty in perfect harmony. Its flawless design is not only aesthetically stunning, but also yields a new form of energy.
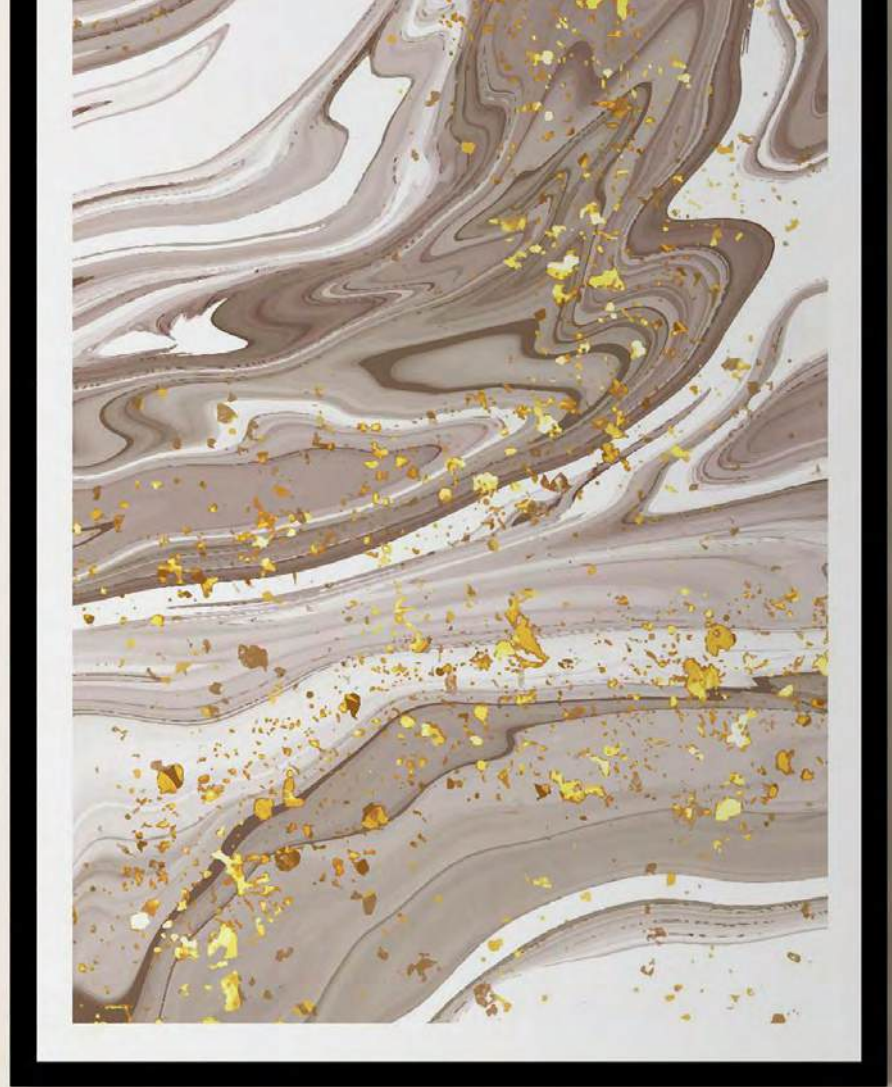
The ease of simplifying

Introducing SOL, a beautifully designed series that blends classic technology with IoT. With a variety of products featuring touch LCDs, push buttons, and multi- purpose sockets compatible with schedules and over-app control, SOL is the perfect fusion of form and function.

TIS **CONTROL**
EVERYTHING

Aesthetics without compromise

The trendy textures and finish options available throughout the series make it easy to find something that complements your interior design. Imagine waking up to the soothing light of a stylish wall switch right next to your bed – it doesn't get much better than that.

TIS CONTROL EVERYTHING

MERCURY

COLOURS

MERCURY

Appreciate Excellence & Beauty

Mercury sets a new standard with its range of cardholder, RF reader, AC, and light switches. This series offers customization, smart control over climate and lighting, and compatibility with all European and UK back boxes.

TIS CONTROL EVERYTHING

Stylish interiors without compromise

The key features of the series include the various finishes and editable backlit colours, making the Mercury switches capable of delivering functionality and convenience through elegant wall-mounting in any residential, industrial, or hospitality facility.

CLICK

TIS CONTROL
EVERYTHING
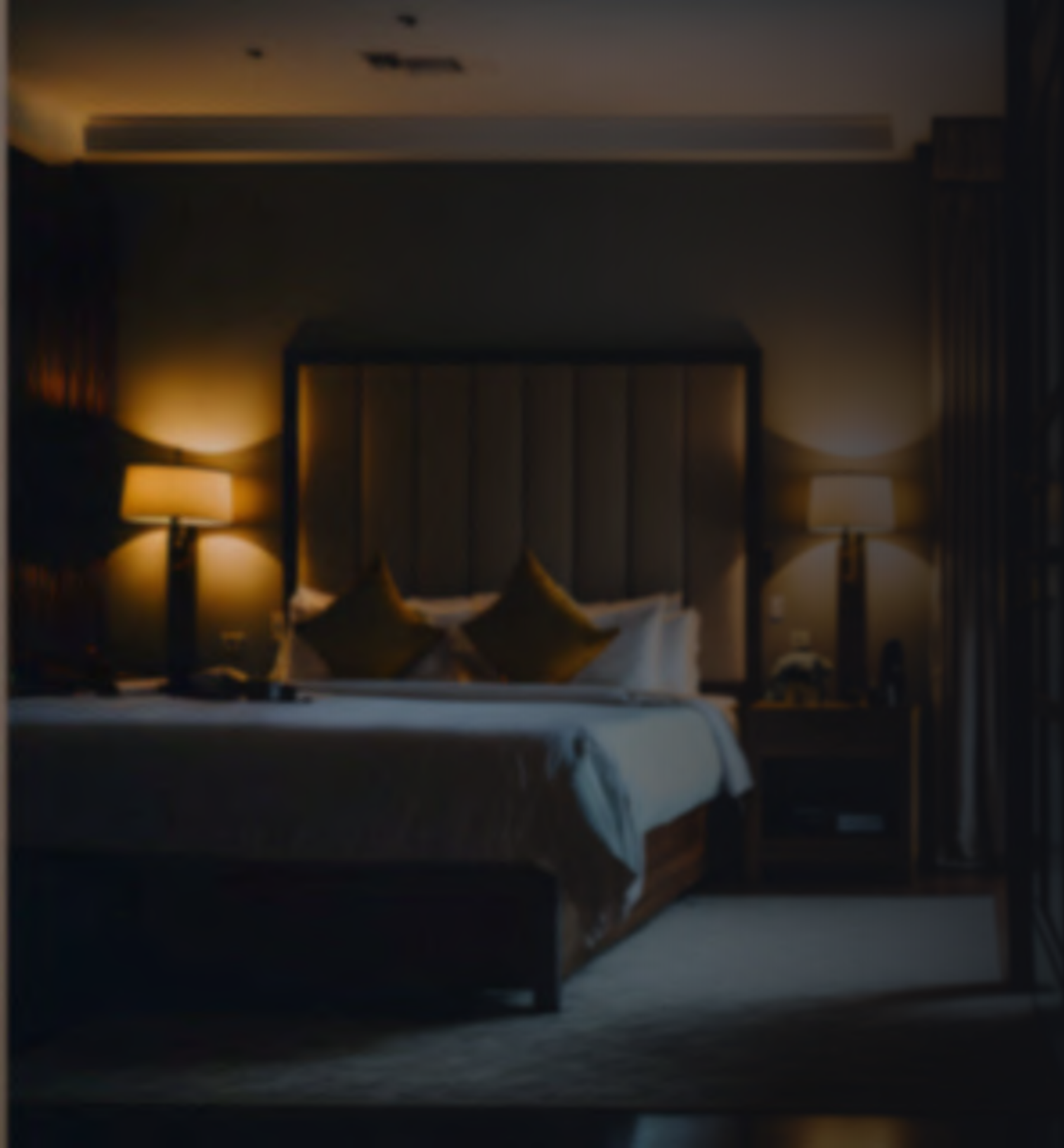
CLICK SERIES

The Click Series combines modern home automation with classic button control, offering a range of smart accessories like thermostats, switches, plugs, and USB chargers. Available in sleek silver, gold, and black finishes, the modular frames allow customizable setups for homes or hotels. With easy control over multiple devices, smart features like PIR sensors, and service indicators, Click enhances comfort and efficiency, making it the ideal choice for personalized automation and seamless convenience.

SIRIUS

TIS CONTROL EVERYTHING
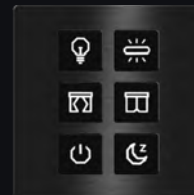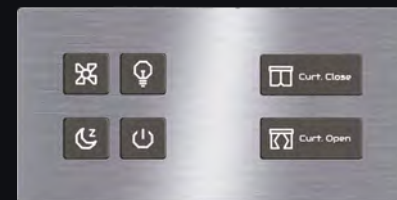
SIRIUS SERIES

The Sirius Series offers sleek 4 gang and 8 gang push button switches for seamless home control. Available in black and white finishes, these switches let you manage lighting, curtains, and more from one centralized panel. Featuring backlit icons for easy navigation, Sirius simplifies your routines while adding elegance to your space. With flexible options to suit any home, it provides effortless control, enhanced efficiency, and a modern aesthetic.

EUROPA

TiS CONTROL EVERYTHING

EUROPA SERIES

The Europa Series brings advanced home automation with sleek, minimal designs and cutting-edge BUS technology. Offering a range of push-button controls, it allows effortless management of lights, shades, curtains and more. Available in black, grey, and white aluminum finishes, Europa enhances both functionality and elegance in your home. With seamless integration and energy efficiency, the Europa Series simplifies daily routines, creating a smart, stylish, and sustainable living environment.

DION SERIES

When Technology Meets Style

The Dion series is a range of switches operated by ZigBee 3.0 technology, capable of controlling lights, curtains, and scenes. With a stylish design and push-button controls, it offers an easy and cost-effiective solution for home automation.

TIS CONTROL
EVERYTHING

SMART SOLUTIONS FOR ANY SPACE

The series is also highly convenient to install, featuring adhesive tape on the back of the switches for easy mounting on any surface. With long-lasting functionality and timeless style, Dion switches will continue to light up your space for years to come.

TIS CONTROL EVERYTHING

H168

E908

E901

TIS CONTROL
EVERYTHING

HOTEL SMART LOCKS

TIS Hotel Smart Locks provide secure and efficient room access with RFID card technology, designed specifically for high-traffic hotel environments. Hotel management can instantly issue, reprogram, or deactivate cards, streamlining access control. Built for durability and integration with hotel systems, these locks ensure smooth operations. In special conditions, like battery failure, emergency power supply and mechanical key access maintain uninterrupted room entry and guest security.

K710

E200
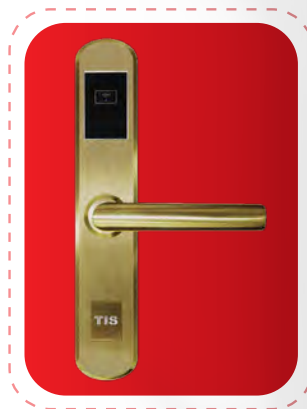
TIS SMART LOCKS

Enhance your home security with TIS Smart Locks. Offering multiple unlock methods including RFID, PIN codes, and fingerprint detection, these locks integrate seamlessly with the TIS Smart Home system for remote control and monitoring.

E901

E901

TIS CONTROL EVERYTHING

Features like auto-locking, access logs, and scheduled temporary passwords provide added convenience.In special conditions, an emergency power port ensures access if batteries fail, while a mechanical key provides a reliable backup.

E901

E901

MOTORISED

Efficiently increase security and privacy

To achieve this level of convenience and control, motorized devices that can manage AC, TV, curtains, windows, and gates using remote or switch buttons are necessary.

TIS CONTROL EVERYTHING

These products are perfect for those who prefer straightforward settings or classical methods of interacting with their environment.

With TIS, Nothing Is Ordinary

In a TIS-enabled smart home, even seemingly simple actions become smart and convenient, as motorized devices are seamlessly integrated with your control hub.

MOTORISED

MULTIMEDIA

A Freshness that Doesn't Fade Away

Our AV solutions provide a seamless multiroom audio streaming experience with high-quality sound and video, supporting multiple sources and formats. We offer a wide range of control options to ensure you feel cool and in control.

TIS multimedia solutions offer easy activation of streaming options with just a touch of your finger. Creating musical scenes and scenarios is a breeze, allowing you to effortlessly customize your home audio with just one touch.

CEILING SPEAKER

TIS AUDIO MATRIX

WIFI AUDIO PLAYER

IR CONTROLLER

4 ZONE AMPLIFIER
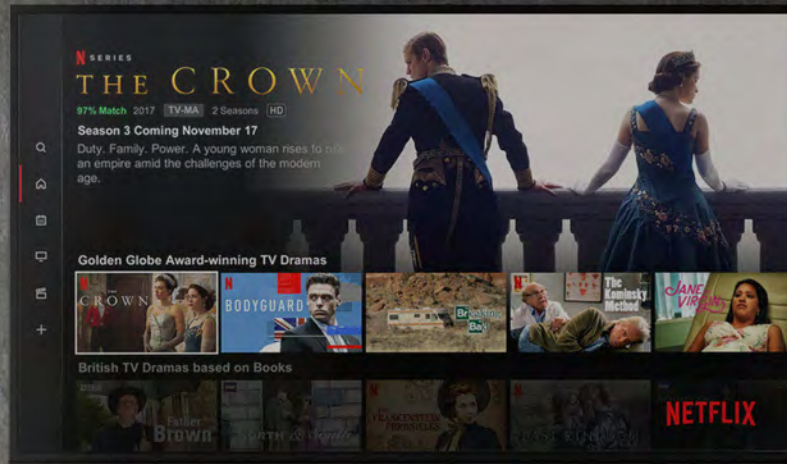
DALI
CONTROLLER

- - - - - - - - - - - - -

DMX
CONTROLLER

- - - - - - - - - - - - -

6CH DIMMER

LIGHTING CONTROL

Evoke cherished memories.

If you're looking for a way to create a relaxing ambiance in your home, TIS lighting products are perfect for you. With our wireless lighting devices, you can easily adjust the light intensity, colour, and even control the roller shutter to your desired position.

LIGHTING

TIS CONTROL
EVERYTHING

A NEW ERA
OF SMART LIGHTING

We offer a range of protocols to choose from, ensuring that you get the best lighting experience possible. So, whether you're listening to your favourite song or simply looking to unwind, TIS lighting products can help you create the perfect atmosphere.

RGBW LED CONTROLLER

- - - - - - - - - - - - -

SMALL DIMMER

- - - - - - - - - - - - -

RGBW BULB

LIGHTING

CLIMATE CONTROL

TIS Climate Solutions offer an intelligent and energy-efficient way to regulate the indoor climate of your home.

Whether it's a hot summer day or a chilly winter evening, the centralized control hub allows you to set the temperature for every corner of your home while optimizing energy usage and maintaining optimal values.

This not only ensures that you have fresh air circulating throughout your home, but it also helps to save money on your energy bills. Experience the ultimate in smart home climate control technology with TIS Climate Solutions.

HVAC MODULE
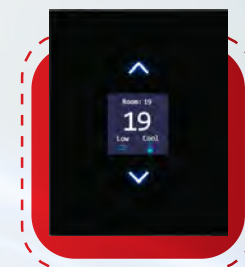
VENERA THERMOSTAT

4T MODULE

IO THERMOSTAT

VRF MODULE

TRV RADIATOR CONTROLLER

CONTROL EVERYTHING

With the implemented functions of these solutions, you can expect to achieve energy savings between 30% and 60%.

THERMOSTAT

TIS CONTROL EVERYTHING

SECURITY

Imagine receiving a video call from the babysitter while you're out running errands, only to realize she's forgotten her key for the gate.

With TIS App, you can easily talk to her, let her in, and turn on external lights for added convenience and safety.

Our intelligent video door entry system, based on cutting-edge IP technology, offers a clear view of your doors and gates right from your smartphone, giving you complete control over your home security.

TIS CONTROL EVERYTHING

SECURITY MODULE

TISBUS 10F SENSOR

TISBEE MOTION SENSOR

DOOR / WINDOW MODULE

Guaranteed Security

For those seeking full monitoring capabilities for their smart home, our video surveillance system is the perfect solution. With a range of products designed to operate in any environmental condition, our system provides top-notch protection against unauthorized entry.

TIS offers the best intrusion detection system with a variety of smart products to keep you and your home secure 24/7.

SECURITY

((◉)) SENSORS

Our smart sensors, developed by a team of professional experts, seamlessly integrate with any building's security and architectural style.

Available in a wide variety of materials, colours, and shapes, our sensors not only blend in aesthetically with their surroundings, but also work in harmony with electronic thermostats to provide optimal comfort and effciency.

They turn any space into a haven of well-being, where you can easily achieve your preferred environmental conditions.

Our sensors also integrate with other smart solutions to create the most enjoyable scenarios that meet your demands.

ZIGBEE MOTION SENSOR

10F SENSOR

ZIGBEE GAS SENSOR

HEALTH SENSOR

SECURITY MODULE

DOOR / WINDOW SENSOR

SENSORS

TIS CONTROL EVERYTHING

With an iconographic object-oriented language, designed through detailed research on interaction design and tested with end-users, our products are incredibly user-friendly. Anyone can set up and monitor our sensors in no time at all.

Additionally, our sensors offer app-control capabilities, allowing you to easily navigate through their control options online and manage your building from anywhere in the world.

SENSORS

CONTROLLERS

Revamp your home with the cutting-edge technology of smart home automation!

Our intelligent controllers act as the brain of your home system, enabling effortless integration and control of every aspect of your home.

Picture yourself waking up every morning to the sweet sound of your favourite tunes, as the curtains automatically open, and the scent of freshly brewed coffee wafts through the air.

With smart home automation, all of this and more is within your reach!

AUTOMATION TIMER

4 ZONE DRY INPUTS

IR EMITTER

SHUTTER MODULE

ZIGBEE SWITCH CONTROLLER

WIFI ACM CONTROLLER

TIS CONTROL EVERYTHING

ACCESSORIES

Elevate your home with the latest TIS smart accessories that bring a touch of modern elegance and automation to your living space.

Our range of affordable and user-friendly products are designed to make smart homes accessible to everyone.

These innovative accessories are not only stylish but also energy-efficient, seamlessly integrating with other components of your TIS hub for a truly connected experience.

With remote controllability, you can effortlessly manage and monitor your home from anywhere, anytime.

DION SWITCH REMOTE

ZIGBEE KEYFOB

ZIGBEE SMART PLUG

TIS CONTROL EVERYTHING

WEATHER STATION

Introducing the TIS Weather Station - the ultimate solution to staying informed about weather conditions!

This cutting-edge smart sensor is equipped with state-of-the- art technology, accurately detecting a range of data, from temperature and humidity to rain levels, UV intensity, and wind speed and direction.

With this valuable information, you can plan your day accordingly and keep your home safe and healthy.

Experience the convenience and benefits of the TIS Weather Station and stay ahead of the weather!

TIS CONTROL EVERYTHING

ENERGY METER

Get ready to revolutionize the way you track your energy usage with the TIS Energy Meter!

This cutting-edge smart sensor is packed with advanced technology that accurately measures and displays crucial electrical parameters, providing you with valuable insights into your energy consumption.

With daily, weekly, monthly, and yearly energy consumption reports, the Energy Meter not only helps you monitor your energy usage but also saves you money by identifying areas where you can cut back.

Take control of your energy consumption and start saving today with the TIS Energy Meter

ENERGY METER

📱 APPLICATION

A 24/7 window to your smart home

Experience the full convenience and security of the TIS system with our intuitive TIS app.

The app allows you to remotely monitor and manage your TIS system's settings and status, providing real-time assistance for maintenance and updates.

With advanced cybersecurity standards, you can rest assured that only authorized individuals can access your TIS automation system, keeping your home safe and secure.

Enjoy the peace of mind that comes with the convenience of the TIS app.

Download on the **App Store**

GET IT ON **Google Play**

TIS CONTROL EVERYTHING

APPLICATION

By using the TIS app, you have the power to activate the video camera display in the alarmed zone, allowing you to assess the situation quickly and easily.

If a neighbour's child accidentally triggers the alarm by kicking a ball into your yard, you can use the live video feed to verify the situation and disable the alarm, enabling them to safely retrieve their ball.

TIS provides you with the ability to monitor your home and surroundings with ease, giving you peace of mind and enhanced security.

TIS ALLIANCES

A Reliable Smart System Comes With Great Advantages

At TIS, we specialize in integrating our TIS BUS and TIS AIR systems with other leading brands, such as Zigbee, Modbus, and KNX.

This enables us to offer our clients a comprehensive and seamless smart home experience.

Our expertise in integrating these systems allows us to provide maximum comfort, energy efficiency, and security to our users.

By partnering with recognized manufacturers, we're able to enhance the value of our solutions and deliver the best possible smart living experience.

TIS CONTROL EVERYTHING

AWARDS

Our smart solutions combine aesthetics and technology seamlessly.

While TIS products are designed to enhance living and working spaces and cater to specific aesthetic preferences, we also integrate with other leading brands to offer a wide range of options.

Our dedication to creating beautiful and functional smart solutions has earned us several prestigious awards in the home automation industry.

PRODUCT PORTFOLIO

CONTROL PANELS
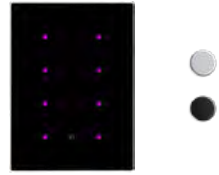
Luna TFT 4.3" Touch Panel

LCD	Size	3.5"
	Resolution	320x480
	Contrast	500
	Viewing Direction	160 Degree
TOUCH	Active Area	4.3" Capacitive
INPUT	Temp Sensor	Resistive Temp. Sensor
	IR Receiver	TIS Infrared Code Receiver
	Using Panel Addition	2-3 Digital Input
OUTPUT	Using Panel Addition 3R	3 Relay Output 3A / 5A
	Using Panel Addition 3DL-12V	12VDC 50mA Output
	Using Panel Addition 2DL-IRE	IR Emitter
MOUNTING	Junction Box	US, EU, UK Standard

Luna 9-Gang Touch Panel

TOUCH	Active Area	4.3" Capacitive
FUNCTIONS	Single Press	ON/OFF/Scene
	Long Press	Dim or Ramp the Lights
	Double Click	Extra Scene
	IR Receiver	Music, Scene, Lights Control
INPUT	IR Receiver	IR Receiver
	Using Panel Addition	Using Panel Addition
OUTPUT	Using Panel Addition 3R	3 Relay Output 3A / 5A
	Using Panel Addition 3DL-12V	12VDC 50mA Output
	Using Panel Addition 2DL-IRE	IR Emitter
MOUNTING	Junction Box	US, EU, UK Standard

Luna Outdoor Bell Touch Panel with RF Readability

TOUCH	Active Area	1 Bell Button
	Touch Type	Capacitive
FUNCTIONS	Bell Press	Touch Button
	RFID	Access Control
INPUT	RF Card Reader	MIFARE RF Type
OUTPUT	Low Current Relay	1 Relay Output 2A / 12V
MOUNTING	Junction Box	US, EU, IT, UK standard

Luna Bedside Touch Panel

TOUCH	Active Area	4.3"
	Touch Type	Capacitive
FUNCTIONS	Display	0.9" OLED
	Single Press	ON / OFF / Scene / AC control
	Long Press	Dim or Ramp the Lights
	Double Click	Extra Scene
INPUT	Temp Sensor	Resistive Temp. Sensor
	IR Receiver	TIS Infrared Code Receiver
	Using Panel Addition	2-3 Digital Input
OUTPUT	Using Panel Addition 3R	3 Relay Output 3A / 5A
	Using Panel Addition 3DL-12V	12VDC 50mA Output
	Using Panel Addition 2DL-IRE	IR Emitter
MOUNTING	Junction Box	US, EU, IT, UK Standard

Luna Card Holder Panel

OPERATION	Card Switch	Card RF Reader
	TIS BUS	TIS Protocol Messages and Commands
	Upgrading	By Rs485 Upgrading Kit
FUNCTIONS	CARD Switch	To Indicate Occupancy and Activate Lights
INPUT	RF Card Reader	MIFARE RF Type
MOUNTING	Junction Box	US, EU, IT, UK Standard

Luna Touch Panel with Room Number Display

TOUCH	Active Area	1 Bell Button
	Touch Type	Capacitive
FUNCTIONS	Bell Press	Touch Button
INPUT		4 Digital Inputs
OUTPUT	Low Current Relay	1 Relay Output 2A / 12V
MOUNTING	Junction Box	US, EU, IT, UK Standard

TIS CONTROL EVERYTHING

IO Thermostatic Switch with 4 Buttons

OPERATION	Display	2.3-inch OLED Screen
	Rotating Knob	1 Rotating and Pushing Knob
	push Buttons	4 Push Buttons with White / Orange LED
	TIS BUS	TIS Protocol Messages and Commands
FUNCTIONS	Rotating / Press (knob)	Change Temperature / AC ON-OFF
	Single Press (push button)	ON/OFF/Scene
	Long Press (push button)	Dim or Ramp the Lights
	Double Click (push button)	Extra Scene
INPUT	Temp / Humidity Sensor	0-100C / 0-99% RH
	Using Panel Addition	2-3 Digital Inputs
OUTPUT	Using Panel Addition 3R	3 Relay Output 3A / 5A
	Using Panel Addition 3DL-12V	12VDC 50mA Output
	Using Panel Addition 2DL-IRE	IR Emitter
MOUNTING	Junction Box	US, EU, UK Standard

IO Wall Switch with 8 Buttons

OPERATION	Push Buttons	8 Push Buttons with White / Orange LED
	Backlight	White Backlit Indicators
	TIS BUS	TIS Protocol Messages and Commands
FUNCTIONS	Single Press	ON/OFF/Scene
	Long Press	Dim or Ramp the Lights
	Double Click	Extra Scene
INPUT	Using Panel Addition	2-3 Digital Input
OUTPUT	Using Panel Addition 3R	3 Relay Output 3A / 5A
	Using Panel Addition 3DL-12V	12VDC 50mA Output
	Using Panel Addition 2DL-IRE	IR Emitter
MOUNTING	Junction Box	US, EU, UK Standard

IO Hotel Bell Panel

OPERATION	Push Buttons	1 Push Button with Red / White Indicator
	Backlight	2 RGB indicators / Room No. in White LEDs
	TIS BUS	TIS Protocol Messages and Commands
	Upgrading	By Rs485 Upgrading Kit
FUNCTIONS	Bell Press	Push Button
INPUT	Dry Inputs	4 Digital Inputs
OUTPUT	Low Current Relay	1 Relay Output 2A / 12V
MOUNTING	Junction Box	US, EU, UK Standard

IO Hotel Panel with Card Holder

OPERATION	Push Buttons	3 Push Button with Orange / White LEDs
	Card Switch	RF Card Reader
	TIS BUS	TIS Protocol Messages and Commands
	Upgrading	By Rs485 Upgrading Kit
FUNCTIONS	CARD Switch	To Indicate Occupancy and Activate Lights
	3 Push Buttons	For DND, MUR ad Laundry Request
INPUT	RF Card Reader	MIFARE RF Type
OUTPUT	Relay	1 Relay 1A / 220V
MOUNTING	Junction Box	US, EU, IT, UK Standard

IO Hotel Bell with RF Access Control

OPERATION	Push Buttons	1 Push Button with Red / White Indicator
	Backlight	2 RGB Indicators / Room No. in White LEDs
	TIS BUS	TIS Protocol Messages and Commands
	Upgrading	By Rs485 Upgrading Kit
FUNCTIONS	Bell Press	Push Button
INPUT	Dry Inputs	4 Digital Inputs
	RF Card Reader	MIFARE RF Type
OUTPUT	Low Current Relay	1 Relay Output 2A / 12V
MOUNTING	Junction Box	US, EU, UK Standard

Venera AC

DISPLAY		2" OLED Screen
OUTPUT	Number of Channels	2-4 Relays for Cool, Heat and Fan Speed Control
	Nominal Voltage	110– 230VAC 50/60 Hz
	Nominal Current per Channel	8A / 230VAC
OUTPUT SWITCHING CURRENT	Max. Continues Current	8A / 230VAC
	Max. Switching Voltage	277VAC / 30VDC
INPUT	Temp. Sensor	Resistive Temp. Sensor
OUTPUT SERVICE LIFE	Mechanical Endurance	> 10,000,000 OPS
MOUNTING	Junction Box	US, EU, IT, UK Standard

TIS BUS

Venera 6 Gang Touch Switch

OPERATION	Touch Buttons	6 Gangs
	Backlit	RGB LED Indicators
	TIS BUS	TIS Protocol Messages and Commands
	Upgrading	By Rs485 Upgrading Kit
INPUT	Input Voltage	110-230VAC 50/60 Hz
MOUNTING	Junction Box	US, EU, IT, UK Standard
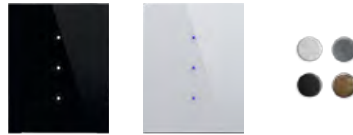
Venera 2/3 Gang Touch Switch

OPERATION	Touch Buttons	2/3 Gangs
	Backlit	RGB LED Indicators
	TIS BUS	TIS Protocol Messages and Commands
	Upgrading	By Rs485 Upgrading Kit
INPUT	Input Voltage	110-230VAC 50/60 Hz
OUTPUT	Number of Channels	2/3
	Nominal Voltage	110VAC / 230VAC 50/60 Hz
	Nominal Current per Channel	8A / 230VAC
MOUNTING	Junction Box	US, EU, IT, UK Standard

Venera 4 Gang Touch Switch

OPERATION	Touch Buttons	4 Touch Gangs
	Backlight	RGB Backlit Indicators
	TIS BUS	TIS Protocol Messages & Commands
	Upgrading	By Rs485 Upgrading Kit
REACTION TIME		Approx. 30ms
OUTPUT	Number of Channels	4
	Nominal Voltage	110VAC / 230VAC 50/60 Hz
	Nominal Current per Channel	2A / 230VAC
MOUNTING	Junction Box	US, EU, IT, UK Standard

Titan - Titania 2.4" Touch Switch

TOUCH	Active Area	2.5"
	Touch Type	Capacitive
LCD	Size	2.4"
	Resolution	240x320
	Contrast	600
	Viewing Direction	120 Degree
INPUT	Temp Sensor	Resistive Temp. Sensor
	Dry Inputs	2 Digital Inputs
OUTPUT	Model with Relay - 3R	3 Relay Outputs 5A
MOUNTING	Titian	UK Junction Box
	Titania	US Junction Box

Titan - Titania 2 / 3 Gang Touch Switch

TOUCH	Active Area	2-3 buttons
	Touch Type	Capacitive
FUNCTIONS	Single Press	ON/OFF/Scene
	Long Press	Adjust Lights Brightness
	Double Click	Extra Scene
INPUT	Temp Sensor	Resistive temp. sensor
	Dry Inputs	2 Digital Inputs
OUTPUT	Relay Switch	2-3 Relay Outputs 5A
MOUNTING	Titian	UK Junction Box
	Titania	US Junction Box

Titan - Titania 4 Gang Touch Switch

TOUCH	Active Area	4 Buttons
	Touch Type	Capacitive
FUNCTIONS	Single Press	ON/OFF/Scene
	Long Press	Adjust Lights Brightness
	Double Click	Extra Scene
INPUT	Temp. Sensor	Resistive Temp. Sensor
	Dry Inputs	2 Digital Inputs
OUTPUT	Relay Switch	4 Relay Outputs 2A
MOUNTING	Titian	UK Junction Box
	Titania	US Junction Box

TIS CONTROL EVERYTHING

Saturn 40 Smart Wall Panel

LCD	LCD	TFT
	Size	4"
	Resolution	480×480
TOUCH	Type	Capacitive
	TP Type	G+F 5 Points
INPUT	Power	L & N Input
	24VDC	24VDC
OUTPUT	Relay	2 Relays Output (L1 & L2) <200W Each
MOUNTING	Junction Box	UK Standard

Saturn 101 Wall Touch Panel

LCD	Screen	10.1 inch IPS touch screen
	Resolution	1280 × 800
	Contrast	900:1
	Brightness	500nit
TOUCH	Type	Capacitive
INPUT	SD	Support SD card (Max 32G)
	Mini USB	Mini USB OTG (USB Type C when with RK3399)
	USB Host x 2	Standard, with POE
	DC	DC input
	Headset	3.5mm stereo headphone output
NETWORK	WiFi	802.11b/g/n
	Ethernet	Support
	Bluetooth	Bluetooth 4.0

Saturn 57 Smart Wall Panel

LCD	LCD	TFT
	Size	5.7"
	Resolution	1280x640
TOUCH	Type	Capacitive
	TP Type	G+F 5 Points
	Multitouch	5 Points
INPUT	Power	24VDC / 0.5A
	PoE	YES, 802.3 af Compatible
MOUNTING	Junction Box	US, EU, UK Standard

Saturn remote

SCREEN	Display size	3.1 inch
	Touch screen	Capacitive
	Display resolution	480×800px
PHYSICAL BUTTONS	Directional pad	4-way d-pad and OK button
	Mood buttons	3 customizable buttons
	Shortcut buttons	12 customizable buttons
	Back-lighting	Yes, dimmable White LED backlight
GENERAL	Operating system	Android 8.1.0
BODY	Dimensions(mm)	229.3×54.8×12.15mm (remote control) 90×22mm (charging base)

Saturn 133 Wall Touch Panel

LCD	Screen	13.3"
	Resolution	1920x1080
	Contrast	1000:1
	Brightness	300cdm2
TOUCH	Type	Capacitive
	TP Type	G+F 5 Points
	Multitouch	5 Points
INPUT	RJ-45 x 1	Standard
	DC	Input 12VDC / 2A
WIFI		802.11 b/g/n

TIS CONTROL EVERYTHING

CONTROL PANELS

Terre 4G Touch Switch

TOUCH	Active Area	1.5"
	Touch Type	Capacitive
INPUT	Temp Sensor	Resistive Temp. Sensor
OPERATION	Touch Buttons	4 Control Buttons
	Backlit	LED Indicators
	TIS BUS	TIS Protocol Messages and Commands
	Upgrading	By Rs485 Upgrading Kit
MOUNTING	Junction Box	EU, UK Standard

Terre Audio Control Panel

LCD	LCD	OLED
	Size	0.9"
TOUCH	Active Area	1.5"
	Touch Type	Capacitive
OPERATION	Touch Buttons	8 Control Buttons
	Backlit	LED Indicators
	TIS BUS	TIS Protocol Messages and Commands
	Upgrading	By Rs485 Upgrading Kit
MOUNTING	Junction Box	EU, UK Standard

Terre Wall Touch Thermostat

LCD	LCD	OLED
	Size	0.9"
TOUCH	Active Area	1.5"
	Touch Type	Capacitive
INPUT	Temp sensor	Resistive Temp. Sensor
OPERATION	Touch Buttons	4 Control Buttons
	Backlit	LED Indicators
	TIS BUS	TIS Protocol Messages and Commands
	Upgrading	By Rs485 Upgrading Kit
MOUNTING	Junction Box	EU, UK Standard

Sirius 4G

Housing	Materials	PC anti fire
	IP rating	IP 30
Functions	1 Press	ON/OFF/Scene
	Long Press	Dim or ramp the lights
	Double click	Extra Scene
OPERATION	1-4 Buttons	For controlling lights, scene, etc…
	Indicator LED	4 White and Orange LED
	TIS bus	TIS Protocol messages and commands
MOUNTING	Wall mount	by 2 screws on the back box (UK, Europe, US)

Sirius 8G

Housing	Materials	PC anti fire
	IP rating	IP 30
Functions	1 Press	ON/OFF/Scene
	Long Press	Dim or ramp the lights
	Double click	Extra Scene
OPERATION	1-8 Buttons	For controlling lights, scene, etc…
	Indicator LED	8 White and Orange LED
	TIS bus	TIS Protocol messages and commands
MOUNTING	Wall mount	by 2 screws on the back box (UK, Europe, US)

Eruope 4G-6G

Housing	Materials	PC anti fire
	IP rating	IP 30
Functions	1 Press	ON/OFF/Scene
	Long Press	Dim or ramp the lights
	Double click	Extra Scene
OPERATION	1-6 Buttons	For controlling lights, scene, etc…
	Indicator LED	1-6 White and Orange LED
	TIS bus	TIS Protocol messages and commands
MOUNTING	Wall mount	by 2 screws on the back box (UK, Europe, US)

Mercury Thermostat with 4 Scene Buttons

LCD	LCD	TFT
	Size	2"
	Resolution	480x480
TOUCH	Type	Capacitive For Thermostat Operation
OPERATION	Push Buttons	4 Push Buttons with White / Orange LEDs
	Backlit	2 Backlit Indicators
	TIS BUS	TIS Protocol Messages and Commands
INPUT	Using Panel Addition	Resistive Temp. Sensor
		3 Digital Input
	Using Panel Addition 3R	3 Relay Output 3A / 5A
MOUNTING	Junction Box	EU, UK Standard

Mercury 8G

OPERATION	Push Buttons	8 Push Buttons with White / Orange LED
	Backlight	White Backlit Indicators
	TIS BUS	TIS Protocol Messages and Commands
FUNCTIONS	Single Press	ON/OFF/Scene
	Long Press	Dim or Ramp the Lights
	Double Click	Extra Scene
INPUT	Using Panel Addition	2-3 Digital Input
OUTPUT	Using Panel Addition 3R	3 Relay Output 3A / 5A
MOUNTING	Junction Box	EU, UK Standard

Mercury Card Holder

OPERATION	Card Switch	Card RF Reader
	TIS BUS	TIS Protocol Messages and Commands
	Upgrading	By Rs485 Upgrading Kit
FUNCTIONS	CARD Switch	To Indicate Occupancy and Activate Lights
INPUT	RF Card Reader	MIFARE RF Type
MOUNTING	Junction Box	EU, UK Standard

Mercury Hotel Panel with RF

FUNCTIONS	Hotel Service Indicators	2 Backlit
	RFID	Access Control
INPUT	RF Card Reader	MIFARE RF Type
	Using Panel Addition	3 Digital Inputs
OUTPUT	Using Panel Addition	1 Relay Output 2A / 12V
MOUNTING	Junction Box	EU, UK Standard

Mercury Hotel Panel

FUNCTIONS	Hotel Service Indicators	2 Backlit
	Room Number	White Backlit
INPUT	Using Panel Addition	3 Digital Inputs
OUTPUT	Using Panel Addition	1 Relay Output 2A / 12V
MOUNTING	Junction Box	EU, UK Standard

Mercury Panel Addition

INPUT	Number of Channels	3
	Input Type	Digital Input. Open / Close
	Length of Connected Cable	< 350 Meter
FUNCTIONS	Digital Input Open	20 Commands
	Digital Input Close	20 Commands
	Revers Control	1 Command
MOUNTING	Behind the Panel	Attach to the Back of Mercury Panels

TIS CONTROL EVERYTHING

CONTROL PANELS

Sol LCD

LCD	Size	2"
	Resolution	240*320 Pixels
	Brightness	1500 cd/m²
	Viewing Angle	~ 65°
TOUCH	Type	Capacitive
	Active Area	2.4"
INPUT	Temp. Sensor	Resistive Temp. Sensor
OUTPUT		3 Relay Outputs 5A
MOUNTING	Junction Box	EU, UK Standard

Sol 3 Gang Touch Switch

TOUCH	Type	Capacitive
	Active Area	3 Buttons
FUNCTIONS	Single Press	ON/OFF/Scene
	Long Press	Adjust Lights Brightness
	Double Click	Extra Scene
OUTPUT	Relay Switch	3 Relay Outputs 5A
MOUNTING	Junction Box	EU, UK Standard

Mars AC 10 Gang

DISPLAY	OLED	0.9"
OPERATION	Push Buttons	12 Push Buttons with White / Orange LED
	Backlight	White Backlit Indicators
	TIS BUS	TIS Protocol Messages and Commands
FUNCTIONS	Single Press	ON/OFF/Scene
	Long Press	Dim or Ramp the Lights
	Double Click	Extra Scene
INPUT	Using Panel Addition	2-3 Digital Input
OUTPUT	Using Panel Addition 3R	3 Relay Outputs 3A / 5A
	Using Panel Addition 3DL-12V	12V DC 50mA Output
	Using Panel Addition 2DL-IRE	IR Emitter
MOUNTING	Junction Box	EU, UK, US Standard

Mars 4-8 Gangs

OPERATION	Push Buttons	4/8 Push Buttons with White / Orange LED
	Backlight	White Backlit Indicators
	TIS BUS	TIS Protocol Messages and Commands
FUNCTIONS	Single Press	ON/OFF/Scene
	Long Press	Dim or Ramp the Lights
	Double Click	Extra Scene
INPUT	Using Panel Addition	2-3 Digital Input
OUTPUT	Using Panel Addition 3R	3 Relay Outputs 3A / 5A
	Using Panel Addition 3DL-12V	12VDC 50mA Output
	Using Panel Addition 2DL-IRE	IR Emitter
MOUNTING	Junction Box	EU, UK, US Standard

Click Switch

OPERATION	Push Buttons	1/2/3/4/6 Push Buttons with White / Orange LED
	TIS BUS	TIS Protocol Messages and Commands
FUNCTIONS	Single Press	ON/OFF/Scene
	Long Press	Dim or Ramp the Lights
	Double Click	Extra Scene
MOUNTING	Junction Box	UK standard

Click Thermostat

LCD	Size	2"
OPERATION	Push Buttons	4 Push Buttons
	TIS BUS	TIS Protocol Messages and Commands
INPUT	Temp. Sensor	Resistive temp. Sensor
MOUNTING	Junction Box	UK Standard

TIS CONTROL EVERYTHING

Panel Addition 2 Digital Inputs with Infrared Emitter

INPUT	Number of Channels	2
	Input Type	Digital Input. Open / Close
	Length of Connected Cable	< 350 meter
OUTPUT	IR Emitter Peak Wave Length	940 nm
	Radiated Emission Power (Φe)	2,4 mW
	Length of Connected Cable	< 5 meters
MOUNTING	Behind the Panel	Attach to the Back of TIS Panels Including Luna, IO, Mars, Terre-A Fits Into All Standard Back Boxes

Panel Addition 2 Digital Inputs with Infrared Receiver

INPUT	Number of Channels	2
	Input Type	Digital Input. Open / Close
	Length of DI Connected Cable	< 350 Meters
	IR Receiver Connected Cable	Length < 5 Meters
FUNCTIONS	Digital Input Open	20 Commands
	Digital Input Close	20 Commands
	Revers Control	1 Command
MOUNTING	Behind the Panel	Attach to the Back of TIS Panels Including Luna, IO, Mars, Terre-A Fits Into All Standard Back Boxes

Panel Addition 3 Digital Inputs with 12V Power Supply

INPUT	Number of Channels	3
	Input Type	Digital Input. Open / Close
	Length of Connected Cable	< 350 Meter
OUTPUT	Low Voltage	12VDC 100mA
FUNCTIONS	Digital Input Open	20 Commands
	Digital Input Close	20 Commands
	Revers Control	1 Command
MOUNTING	Behind the Panel	Attach to the Back of TIS Panels Including Luna, IO, Mars, Terre-A Fits Into All Standard Back Boxes

Panel Addition Three-Channel Coupler

FUNCTIONS	3 Separate Channels	For Incandescent Lamps (200 Watts)
	Simple FCU Function	Cool, Heat, Fan Outputs
	Fan Speed Control	Low, Medium, High Outputs
	Motor and Lighting	Ch1 & Ch2 as Open / Close Interlocked, Ch3 to Work Independently
OUTPUT	Number of Channels	3
	Nominal Voltage	0–230VAC 50/60 Hz
	Low Current	5A / 28VDC
	Lighting Incandescent Lamp	4A / 230VAC
	Motors / Air conditioning	3A / 230VAC
	LED and CFL Lamp	1A / 230VAC
MOUNTING	Behind the Panel	Attach to the Back of TIS Panels Including Luna, IO, Mars, Terre-A Fits Into All Standard Back Boxes

ADS RELAY SWITCH Controller Module with Three Relays

OUTPUT SWITCHING CURRENT	Max Switching Current	10A / 230VAC Resistive 6A / 230VAC florescent
	Max Continues Current	8A / 230VAC
	Max. Switching Voltage	277VAC / 30VDC
OUTPUT	Number of Relays	3
	Nominal Voltage	0-230VAC 50/60 Hz
	Nominal Current per Channel	8A / 230VAC
MOUNTING	Free Locate	Can be Installed Anywhere
OUTPUT SERVICE LIFE	Mechanical Endurance	> 10,000,000 OPS

Power Relay 6 Channels 5 Amps

OUTPUT	Number of Channels	6
	Nominal Voltage	0 – 230VAC 50/60 Hz
	Nominal Current per Channel	
	Low Current	5A
	Lighting Incandescent Lamp	4A
	Motors / Air Condition	3A
	LED and CFL Lamp	1A
FUNCTION	Lighting Control ON/OFF	6 Separately Controllable Channels
	Motor Setting	Can Set 3 Groups of Curtains (Open/Close)
	Fan Speed Control	Can Set 2 Groups of Fans (Low, Med, High)
OUTPUT SERVICE LIFE	Mechanical Service Life	> 5,000,000 Times
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

RELAYS · DIMMERS

Relay Module with 4 Channels

OUTPUT SWITCHING VOLTAGE	Number of Channels	4
	Nominal Voltage	0–230VAC 50/60 Hz
	Max Switching Voltage	440VAC / 125VDC
OUTPUT SWITCHING CURRENT	Nominal Current per Channel	10A
	Maximum Total Channel Load	40A
	Max Switching Current	16A Resistive, 8A Florescent
	Max Continuous Current	10A VAC
OUTPUT SERVICE LIFE	Mechanical Service Life	> 10,000,000 Times
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

Relay Module with 8 Channels

OUTPUT SWITCHING VOLTAGE	Number of Channels	8
	Nominal Voltage	0 – 230VAC 50/60 Hz
	Max Switching Voltage	440VAC
OUTPUT SWITCHING CURRENT	Nominal Current per Channel	16A
	Maximum Total Channel Load	128A
	Max Switching Current	50A Resistive, 20A Florescent
	Max Continuous Current	20A VAC
OUTPUT SERVICE LIFE	Mechanical Service Life	> 10,000,000 Times
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

Power Relay 12 Channels 10 Amps

OUTPUT	Number of Channels	12
	Nominal Voltage	0 – 230VAC 50/60 Hz
	Max Switching Voltage	440VAC / 125VDC
FUNCTION	Lighting Control ON/OFF	12 Individual Channels
	Curtain Control	Can Set 6 Groups of Curtains (Open/Close)
	Fan Speed Control	Can Set 4 Groups of Fans (Low, Med, High)
	Scenes	12 Different Scenarios
	Sequences	12 Different Sequences
OUTPUT SERVICE LIFE	Mechanical Service Life	> 5,000,000 Times
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module
REACTION TIME		Approx. 20ms

Room Controller Unit 8CH Output / 8Ch Output Input

INPUT	Number of Channels	8
	Input Type	Digital Input. Open / Close
OUTPUT SWITCHING VOLTAGE	Number of Channels	8
	Nominal Voltage	0–230VAC 50/60 Hz
	Max. Switching Voltage	440VAC / 125VDC
	Analog Output	Ch8 Include 0-10V Output for Dimming
OUTPUT SWITCHING CURRENT	Nominal Current per Channel	Ch1 20A, Ch 2-8 10 A
	Maximum Total Channels Load	90 A
	Max Switching Current	16A Resistive, 8A Florescent
	Max Continues Current	10A VAC
OUTPUT SERVICE LIFE	Mechanical Service Life	> 10,000,000 Times
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

Room Controller Unit 24CH Output / 20Ch Input

INPUT	Number of Channels	20
	Input Type	Digital Input. Open / Close
OUTPUT SWITCHING VOLTAGE	Number of Channels	24
	Nominal Voltage	0 – 230VAC 50/60 Hz
	Max. Switching Voltage	440VAC / 125VDC
OUTPUT SWITCHING CURRENT	Nominal Current per Channel	Ch.1-12:10A, Ch. 13-24: 5A
	Maximum Total Channels Load	180A / 230
	Max Switching Current	Ch. 1-12: 16A, Ch. 13-24: 6A
	Max Continues Current	Ch. 1-12: 10A, Ch. 13-24: 5A
OUTPUT SERVICE LIFE	Mechanical Service Life	> 10,000,000 Times
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

Room Controller Unit 20CH Output / 20Ch Input with Ethernet

INPUT	Number of Channels	20
	Input Type	Digital Input. Open / Close
OUTPUT SWITCHING VOLTAGE	Number of Channels	20
	Nominal Voltage	0 – 230VAC 50/60 Hz
	Max. Switching Voltage	440VAC / 125VDC
OUTPUT SWITCHING CURRENT	Nominal Current per Channel	10A
	Maximum Total Channels Load	200A
	Max Switching Current	16A Resistive, 8A Florescent
	Max Continues Current	10A VAC
OUTPUT SERVICE LIFE	Mechanical Service Life	> 10,000,000 Times
PORTS	RJ45	Ethernet UDP-TCP/IP Connection
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

TIS CONTROL EVERYTHING

2CH Leading Edge Dimmer

OUTPUT	Number of Channels	2
	Nominal Voltage	110VAC / 230VAC 50/60 Hz
	Nominal Current per Channel	6A
	Maximum Total Channel Load	10A
FUNCTIONS	Lighting Control Dimming	2 Separately Controllable Channels
	Scenes	4 Different Scenarios
	Sequences	6 Different Sequences
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

4CH Leading Edge Dimmer

OUTPUT	Number of Channels	4
	Nominal Voltage	110VAC / 230VAC 50/60 Hz
	Nominal Current per Channel	3A
	Maximum Total Channel Load	10A
FUNCTIONS	Lighting Control Dimming	4 Separately Controllable Channels
	Scenes	8 Different Scenarios
	Sequences	6 Different Sequences
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

6CH Leading Edge Dimmer

OUTPUT	Number of Channels	6
	Nominal Voltage	110VAC / 230VAC 50/60 Hz
	Nominal Current per Channel	2A
	Maximum Total Channel Load	10A
FUNCTIONS	Lighting Control Dimming	6 Separately Controllable Channels
	Scenes	12 Different Scenarios
	Sequences	6 Different Sequences
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

2CH Trailing Edge Dimmer

OUTPUT	Number of Channels	2
	Nominal Voltage	110VAC / 230VAC 50/60 Hz
	Nominal Current per Channel	3A
FUNCTIONS	Lighting Control Dimming	2 Separately Controllable Channels
	Scenes	2 Different Scenarios
	Sequences	2 Different Sequences
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

4CH Trailing Edge Dimmer

OUTPUT	Number of Channels	4
	Nominal Voltage	110VAC / 230VAC 50/60 Hz
	Nominal Current per Channel	1.5A
FUNCTIONS	Lighting Control Dimming	4 Indivdual Channels
	Scenes	4 Different Scenarios
	Sequences	4 Different Sequences
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

6 Channel Ballast Controller 0-10V

OUTPUT SWITCHING VOLTAGE	Number of Channels	6
	Nominal Voltage	0 – 230VAC 50/60 Hz
	Max. Switching Voltage	440VAC / 125VDC
	Analog Output	6 outputs 0-10V
OUTPUT SWITCHING CURRENT	Nominal Current per Channel	10A
	Maximum Total Channel Load	60A
	Max Switching Current	16A Resistive, 8A Florescent
	Max Continuous Current	10A VAC
OUTPUT SERVICE LIFE	Mechanical Service Life	> 10,000,000 Times
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

CONTROLLERS · SENSORS

Din-rail DMX Actuator

PORTS	DMX	Standard DMX Connection
FUNCTION	DMX	Numbers of Areas 24 12 Scenes 16 Sequence
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail Wall Mount	Standard 35 mm Din Rail Screw Holder on the Back of the Module

64CH DALI Controller

INPUT	DALI	Standard DALI Connection Max 64 Units
FUNCTION	DALI	64 Programmable Addresses 16 Groups 16 Scenes
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail Wall Mount	Standard 35 mm Din Rail Screw Holder on the Back of the Module

IR Emitter with Temperature Sensor

INPUT	1 Temp. Inputs	TIS Temp. Sensor
OUTPUT		IR Emitter Peak Wave Length Radiated emission power (Φe) Length of Connected Wire
REACTION TIME		Approx. 20ms
MOUNTING	Anywhere	With Two Screws

4 Analog Input Module 0-10V

INPUT	Number of Channels Input Type Length of Connected Cable	4 Analog Input. 0-10V < 350 meter
FUNCTION	Advanced Logic	Send Command if Digital Inputs Reach Value in Each Input
REACTION TIME		Approx. 20ms
MOUNTING	Anywhere	With Two Screws

4 Analog Input Module 4-10mA

INPUT	Number of Channels Input Type Length of Connected Cable	4 Analog Input. 4-20mA < 350 meter
FUNCTION	Advanced Logic	Send Command if Digital Inputs Reach Value in Each Input
REACTION TIME		Approx. 20ms
MOUNTING	Anywhere	With Two Screws

4X Temperature Sensor Inputs Module

INPUT	4× Temp. Inputs	TIS temp. Sensor or PTC1000 Sensor
FUNCTION	Temp. logic	Send Command if Temp. in Specific Range
REACTION TIME		Approx. 20ms
MOUNTING	Anywhere	With Two Screws

TIS CONTROL EVERYTHING

Dry Input with 4 Zones

INPUT	Number of Channels	4
	Input Type	Digital Input. Open / Close
	Length of Connected Cable	< 350 meter
FUNCTION	Digital Input Open	20 Commands
	Digital Input Close	20 Commands
	Revers Control	1 Command
REACTION TIME		Approx. 20ms
MOUNTING	Anywhere	With two screws
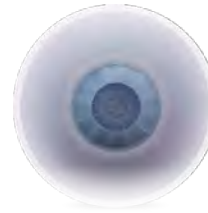
Energy Servant Sensor

INPUT	PIR Motion Sensor	Dual Element Pyro-Electric Ceramic
	Digital Input. Open / Close	2 Channels
	Length of Connected Cable to DI	< 350 meter
	Light Intensity Sensor	0 – 8000 Lux Meter
	IR Receiver	TIS Infrared Code Receiver
	Temp Sensor	Temp Resistance Sensor
OUTPUT	Infrared Transmitters	6 Probes to Cover 360 Degree
	DC Output	12VDC / 50mA
REACTION TIME		Approx. 20ms
MOUNTING	Celling Mount	2 Screws on the Base of the Sensor

Heath Sensor Celling Mount

INPUT	PIR Motion Sensor	Dual Element Pyro-Electric Ceramic
	Volatile Organic Compound	Total VOC: 0 ppb -1000 ppb
	eCO2 Sensor	Sense from 400ppm – 5000 ppm
	Temp Sensor	Resistance Temp. Sensor Range -40 to 80 C
	Humidity Sensor	Sense the Range of 0 -99.9%
	Digital Input. Open / Close	3 Channels
	Length of Connected Cable to DI	< 350 Meter
	Light Intensity Sensor	0 – 8000 Lux Meter
	Microphone Sensor	Sense Noise in Room
FUNCTION	Logic / Timers	32 Timers and Logic Conditions
	Security Function	Away, Night, Day, Fire Alarm Setting
REACTION TIME		Approx. 20ms
MOUNTING	Celling Mount	With 2 Screws on the Base of the Sensor

Ceiling-mount Motion Detector

INPUT	PIR Motion Sensor	Dual Element Pyro-Electric Ceramic
FUNCTIONS	Movement Logic	20 Commands on Movement Action
	No Movement Logic	20 Commands on No Movement Action
	Timer	No Movement Timer for Energy Efficiency
REACTION TIME		Approx. 20ms
MOUNTING	Celling Mount	With 2 Screws on the Base of the Sensor

Ceiling-mount Recessed Sensor

INPUT	PIR Motion Sensor	Dual Element Pyro-Electric Ceramic
FUNCTIONS	PIR Range	4-6m (Installation Height 2.6 - 3m)
	PIR Detection Angle	110° From the Celling Down
	Timer	No Movement Timer for Energy Efficiency
REACTION TIME		Approx. 20ms
MOUNTING	Celling Mount	Flush Mount

Occupancy Sensor

INPUT	MMV2 Radar Sensor	
FUNCTIONS	Detection Range	3-5 Meter (installation height 2.6M)
	Light Intensity	
	32 Logic/Timer	
REACTION TIME		Approx. 20ms
MOUNTING	Celling Mount	Flush Mount

CONTROLLERS · AV

Security Module

SECURITY	Levels	Vacation, Away, Night, Day, Disarm
	Arming Commands	20 for Each Level
	Alarm Commands	20 for Each Alarm Type
	Extra Alarms	Panic, Blackout, Freezing Temperature,
	Sirens and Buzzer	3 Addressable Channels. (Burglary, Fire, Buzzer)
FUNCTION	Other Functions	Auto Arm/Disarm, Entry / Exit Delay, Dial Out Time, Zone Auto Bypass, Duress Alarm
REACTION TIME		Approx. 30ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

Automation Timer Module with Logic Programmability

LOGIC	Conditions Links	AND, OR, NAND, NOR
	Programming Sections	12
	Table in Each Sections	20
	Pins of Table	4
	Conditions Type	If "Year, Month, Week, Day, Time, Channel, Curtain, Universal Switch, Security, Flag Switch"
FUNCTION	Commands	10 commands per Table
	Advanced Timer	Longitude latitude info, sunset sunrise Calculation Setting
REACTION TIME		Approx. 30ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

RS232/RS485 Gateway

INPUT	RS232	RS232 ASCII / HEX 2 Way Connection
	RS485	Modbus, RS485 ASCII / HEX 2 Way Connection
FUNCTION	3rd Party Integration	Integrate to Modbus RTU, Dynalite, Intises Box, Cool Automation, UPB PCS, Jablutron, etc...
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

AUDIO PLAYER DIN-RAIL Amplifier

INPUT	USB Slot / SD Card Slot	To Play mp3 Tracks from SD Card (Class4 Recommended)
	Auxiliary 1	Screw terminal 0.2…2 mm2
	Auxiliary 2	Screw terminal 0.2…2 mm2
	FM Radio	FM Radio IC with Antenna
OUTPUT	Stereo amplified output	2 25 Watt / 8ohms
	Auxiliary output	Variable Stereo RCA Plug Output
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Din Rail Standard

Matrix Switcher 4x4 AV Streamer

INPUT	Input Video Signal	0.5-1.0 volts p-p
	Input DDC Signal	5 volts p-p (TTL)
	Ports	RS-232
FUNCTION	HDCP Compliant	HDCP2.2 and HDCP1.4
	Output Video	HDMI2.0 and HDMI 1.4
OPERATION	Bandwidth	18Gbit/s
	Video Format Supported	4K@60Hz,YUV4:4:4 4k@30Hz/1080P/1080i/720P/576P/ 480P/576i/480i

4 Zone Network Amplifier

INPUT	Ethernet	Single 10/100M RJ45
	USB Host	4× Play USB music
	Auxiliary In	4× Analog 3.5mm connector
OUTPUT	Amplified Output	4× 50 Watts / 8ohms
	Auxiliary Output	4× Analog 3.5mm Connector
MOUNTING	Table Top	On Table or rack mount

HVAC Controller Smart Heating & Ventilation System

OUTPUT	Number of Channels	6
	Nominal Voltage	0 – 230VAC 50/60 Hz
	VAV Outputs	0-10V / 50mA
OUTPUT SERVICE LIFE	Mechanical Service Life	> 5,000,000 Times
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

32 Indoor unit VRF Controller

PORTS	Ethernet	For Web Configuration, Testing and Online Upgrade
	TIS-BUS	Connection TIS System
	RS485 A1 B1	Modbus RTU Connection
	RS485 A2 B2	ASCII Protocol for 3rd Party Integration
	Micro USB	Special Upgrade
FUNCTION	VRF Control for many brands	AC Integration with the Major AC manufactures Such as Daikin, LG, SUMSUNG, TUSHIBA, MITSUBISHI, York Panasonic, Gree, Hitachi, Carrier, Hisense, Haier, Midea, York, Bosch, Oaks, Chigo, Tianjia, Trane, McQuey etc.
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

Duct Split AC Gateway

POWER SUPPLY		Air Conditioner Internal unit supplies Power
INSTALLATION METHOD		Wall Mount or Table Top
OUTPUT POWER		7~15VDC, 0.7W(MAX)
FUNCTION	Control Digital AC	AC integration with Daikin, Hitachi, Hisense, York, TOSHIBA, Panasonic, Gree, Haier, Media , MITSUBISHI and Carrier.

IP Gateway with RS232/RS485 Ports

INPUT	RS232	RS232 ASCII / HEX 2 Way Connection
	RS485	Modbus, RS485 ASCII / HEX 2 Way Connection
	RJ45	Ethernet UDP - TCP/IP Connection
FUNCTION	3rd Party Integration	Integrate to Modbus RTU, Dynalite, Intises Box, Cool Automation, UPB PCS, Jablutron, etc...
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

Ceiling Fan Controller

INPUT	Number of Channels	4
	Nominal Voltage	110VAC – 230VAC 50/60 Hz
	Nominal Current per Channel	3A
FUNCTION	4x fan	3 Speed controlling
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	35mm Din Rail
	Wall Mount	Screw holder on the back of the module

Thermostatic Radiator Valve & TIS-BUS Gateway

RF SIGNAL	RF Signal	863 MHZ
CONNECTION TERMINAL	Data / BUS	Connectors Link
FUNCTION		Support 16X TRVs
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	35mm Din Rail

METERS

KNX Standard Communicator

INPUT	KNX	KNX Network 2 Wires Connection
	TIS	TIS-BUS (RS485) 4 Wires Connection
FUNCTION	TIS->KNX	Control Lights ON/OFF, Dimmer and Shutter
	KNX->TIS	Control Lights ON/OFF, Dimmer, Shutter, Infrared and Air Condition
REACTION TIME		Approx. 40ms
MOUNTING	Din Rail	Standard 35 mm Din Rail

Smart Water Meter

PROTECTION	Bus Pin ESD Protection	Exceeds 10kV
	Protection Against Faults	Open Circuit, Short Circuit and Idle BUS
COMMUNICATION	Communication With Host Computer	RS-485, M-BUS, Fieldbus
	Communication Transmission Rate	2400 BPS
	Communication Transmission Max. Distance	1200m
DIMENSTIONS	Length × Width × Height	165mm × 90mm × 120mm (DN 15mm)
		195mm × 90mm × 120mm (DN 20mm)
		225mm × 90mm × 120mm (DN 25mm)

Weather Station

TEMP. MEASURING	Range	-30˚C - 60˚C
	Accuracy	+/- 1°C
HUMIDITY MEASURING	Range	10%~99%
	Accuracy	+/- 5%
RAIN VOLUME DISPLAY	Range	0 – 9999mm
	Accuracy	+/- 10%
WIND SPEED	Range	0-50m/s (0~100mph)
	Accuracy	+/- 1m/s (Wind Speed< 5m/s)
BRIGHTNESS	Range	0-400000 Lux
	Accuracy	+/- 15%
MOUNTING	Outdoors	Special Tool for Roof Installation

Modular Single-Phase Power Meter

INPUT	Voltage AC (Un)	176-276VAC / 80-140VAC (optional)
	Base Current (Ib)	10A
	Max. Current (Imax)	100A
	Min. Current (Imin)	0.5 A
	Power Consumption	<2W / 10VA
	Frequency	50/60Hz(±10%)
DISPLAY	LCD	LCD with Blue Backlit
	Max. Reading	99999.99kWh
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail

Modular Three-Phase Power Meter

VOLTAGE AND CURRENT	Phase to neutral voltages	100 to 289V a.c. (not for 3p3w supplies)
	Voltages between phases	173 to 500V a.c. (3p supplies only)
	Percentage total voltage harmonic distortion	(THD%) for each phase to N (not for 3p3w supplies)
	Percentage voltage	THD% between phases (three phase supplies only)
	Current	THD% for each phase
DISPLAY	LCD	LCD with Backlit
	Max. Reading	0 to 9999999.9 kWh
ENVIRONMENT	Relative humidity	0 to 95%, noncondensing
MOUNTING	Din Rail	Standard 35 mm Din Rail

Six Valve Controller

OUTPUT	Number of Channels	6
	Nominal Voltage	24 VAC 50/60 Hz
INPUT	6× Temp. Inputs	TIS Temp. Sensor
OUTPUT SERVICE LIFE	Mechanical Service Life	>5,000,000 Times
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

TIS CONTROL EVERYTHING

Horizontal Curtain Motor

INPUT	Input Voltage	100-220VAC 50/60 HZ
	Operating Voltage	24VDC
	Current Rating	0.8-1A
	Rated Power	24W
FUNCTION		Open / Close / Stop
REACTION TIME		Approx. 40ms
MOUNTING		By Hook on the Rail Head

Roller Motor

INPUT	Input Voltage	230VAC 50 HZ
	Current Rating	<0.5A
	Rated Power	120W
FUNCTIONS	Memory	Programmable Open / Close / Stop Positions
REACTION TIME		Approx. 20ms
MOUNTING		Inside the Roller Tube
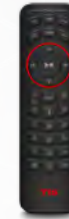
Smart Handheld Controller

REMOTE TYPE		Infrared Emitter
FUNCTION	Single Press	ON/OFF
	Long Press	Dim or Ramp the Lights Using Buttons 1-12
	Long Press 3 Seconds	Arm button for Activating the Alarm
BATTERY	AAA Battery	2x Batteries
MOUNTING		By Hook on the Rail Head

24-V DC Power Supply Module

INPUT	Input Voltage	110VAC / 240 VAC 50/60 Hz
OUTPUT	Output Power	60W / 24VDC
REACTION TIME		Approx. 20ms
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

Din-Rail Space-Saving Cable Manager

CONNECTION TERMINAL	Data / BUS	6 Female Connectors
MOUNTING	Din Rail	Standard 35 mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module

IR Learner

INPUT	USB	Type B
REACTION TIME		Approx. 20ms
FUNCTION		Learn IR

SMART LOCK

A210 Model 🏠

UNLOCK METHOD	RFID Card, PIN code, fingerprint, mechanical key
POWER SUPPLY	Battery Powered, External power port · Battery Powered (about 1 year)
MATERIAL	Stainless steel, Aluminum alloy, ABS, tempered glass · Internal Material: Stainless steel · Shell Materials: Aluminum alloy, ABS, tempered glass

A233 Model 🏠 🛏

UNLOCK METHOD	RFID Card, PIN code, fingerprint, mechanical key
POWER SUPPLY	Battery Powered, External power port · Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy, ABS, tempered glass · Internal Material: Stainless steel · Shell Materials: Aluminum alloy, ABS, tempered glass

A270 Model 🏠 🛏

UNLOCK METHOD	RFID Card, PIN code, fingerprint, mechanical key
POWER SUPPLY	Battery Powered, External power port · Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy, ABS, tempered glass · Internal Material: Stainless steel · Shell Materials: Aluminum alloy, ABS, tempered glass

E908 Model 🏠 🛏

UNLOCK METHOD	RFID Card, PIN code, fingerprint, mechanical key
POWER SUPPLY	Battery Powered, External power port · Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy, tempered glass · Internal Material: Stainless steel · Shell Materials: Aluminum alloy, tempered glass

H168 Model 🏠 🛏

UNLOCK METHOD	RFID Card, PIN code, fingerprint, mechanical key
POWER SUPPLY	Battery Powered, External power port · Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy, tempered glass · Internal Material: Stainless steel · Shell Materials: Aluminum alloy, tempered glass

A270 Model 🏠 🛏

UNLOCK METHOD	RFID Card, mechanical key
POWER SUPPLY	Battery Powered, External power port · Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy, tempered glass · Internal Material: Stainless steel · Shell Materials: Aluminum alloy, tempered glass

TIS CONTROL EVERYTHING

E300 Model 🛏

UNLOCK METHOD	RFID Card, mechanical key
POWER SUPPLY	Battery Powered, External power port / Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy, ABS / Internal Material: Stainless steel / Shell Materials: Aluminum alloy, ABS

E901 Model 🛏

UNLOCK METHOD	RFID Card, mechanical key
POWER SUPPLY	Battery Powered, External power port / Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy, tempered glass / Internal Material: Stainless steel / Shell Materials: Aluminum alloy, tempered glass

S181 Model 🛏

UNLOCK METHOD	RFID Card, mechanical key
POWER SUPPLY	Battery Powered, External power port / Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy / Internal Material: Stainless steel / Shell Materials: Aluminum alloy

E200 Model 🛏

UNLOCK METHOD	RFID Card, mechanical key
POWER SUPPLY	Battery Powered, External power port / Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy, tempered glass / Internal Material: Stainless steel / Shell Materials: Aluminum alloy, tempered glass

K710 Model 🛏

UNLOCK METHOD	RFID Card, fingerprint, mechanical key
POWER SUPPLY	Battery Powered, External power port / Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy, tempered glass / Internal Material: Stainless steel / Shell Materials: Aluminum alloy, tempered glass

S181 Model 🛏

UNLOCK METHOD	RFID Card, mechanical key
POWER SUPPLY	Battery Powered, External power port / Battery Powered (about 10 months)
MATERIAL	Stainless steel, Aluminum alloy / Internal Material: Stainless steel / Shell Materials: Aluminum alloy

SMART PANELS

Venera Thermostat, 3 Relays High Voltage

OUTPUT	Number of Channels	3 Relays for Cool, Heat and Fan Control or 3 Fan Speed
	Nominal Voltage	110–230VAC 50/60 Hz
	Nominal Current per Channel	8A / 230VAC
OUTPUT SWITCHING CURRENT	Max. Continues Current	8A / 230VAC
	Max. Switching Voltage	277VAC / 30VDC
OUTPUT SERVICE LIFE	Mechanical Endurance	> 10,000,000 OPS
MOUNTING	Wall Mount	To US, EU, UK, IT Junction Boxes
REACTION TIME		approx. 30ms

Venera Thermostat, 4 Relays high Voltage

OUTPUT	Number of Channels	4 Relays for Cool or Heat with Fan Speed Control
	Nominal Voltage	110–230VAC 50/60 Hz
	Nominal Current per Channel	3A / 230VAC
OUTPUT SWITCHING CURRENT	Max. Continues Current	3A / 230 VAC
	Max. Switching Voltage	277VAC / 30VDC
OUTPUT SERVICE LIFE	Mechanical Endurance	> 10,000,000 OPS
MOUNTING	Wall Mount	US, EU, UK, IT Junction Boxes
REACTION TIME		Approx. 30ms

Venera Thermostat, 5 Relays Low Voltage

OUTPUT	Number of Channels	5 Relays for Cool, Heat and Fan Speed Control
	Nominal Voltage	24VAC
	Nominal Current per Channel	1A / 24VAC
OUTPUT SWITCHING CURRENT	Max. Continues Current	1A / 24VAC
	Max. Switching Voltage	30VAC / 30VDC
OUTPUT SERVICE LIFE	Mechanical Endurance	> 10,000,000 OPS
MOUNTING	Wall Mount	US, EU, UK, IT Junction Boxes
REACTION TIME		Approx. 30ms

Venera Series Touch Wall Switch 4 Gang

OUTPUT	Number of Channels	4
	Nominal Voltage	110VAC / 230 VAC 50/60 Hz
	Nominal Current per Channel	3A / 230VAC
OUTPUT SWITCHING CURRENT	Max Switching Current	3A / 230VAC
	Max Continues Current	2A / 230VAC
OUTPUT SERVICE LIFE	Mechanical Endurance	> 5,000,000 OPS
MOUNTING	Wall Mount	US, EU, UK, IT Junction Boxes
REACTION TIME		Approx. 30ms

Venera Series Touch Wall Switch 3-2 Gang

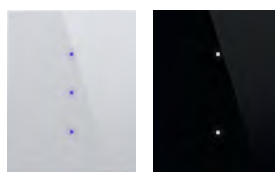|		
OUTPUT	Number of Channels	3-2
	Nominal Voltage	110VAC / 230VAC 50/60 Hz
	Nominal Current per Channel	8A / 230VAC
OUTPUT SWITCHING CURRENT	Max. Switching Current	10A / 230VAC Resistive 6A / 230VAC Florescent
	Max. Continues Current	8A / 230VAC
	Max. Switching Voltage	277VAC / 30VDC
OUTPUT SERVICE LIFE	Mechanical Endurance	> 10,000,000 OPS
MOUNTING	Wall Mount	US, EU, UK, IT Junction Boxes
REACTION TIME		Approx. 30ms

Wi-Fi Dimmer Module

OUTPUT	Number of Channels	1
	Nominal Voltage	110VAC / 230VAC 50/60 Hz
	Nominal Current per Channel	
	Lighting Incandescent Lamp	500 Watts
	LED (Dimmable)	300 Watts
	CFL (Dimmable)	300 Watts
PROTECTION		Internal Protection Fuse
REACTION TIME		Approx. 30ms
MOUNTING	Free Locate	Can be Installed Anywhere

Wi-Fi 2 Relay output and 2 Dry inputs

Input	Number of Channels	2
	Input Type	Digital Input. Open / Close
Output	Number of Relays	2
	Nominal Voltage	Free Voltage
	Nominal Current per Channel	3A / 230VAC
Output switching current	Max Switching Current	3A / 230VAC Resistive 2A / 230VAC Florescent
	Max Continues Current	3A / 230VAC
	Max Switching Voltage	230VAC / 30VDC
Reaction time		Approx. 30ms
Mounting	Free Locate	Can be Installed Anywhere
Output service life	Mechanical Endurance	> 10,000,000 OPS

Wi-Fi Controller with 3 Dry Inputs

INPUT	Input Voltage	110-230VAC 50/60 Hz
	Output Power	3W / 12VDC
OPERATION	Digital Inputs	3 Dry Inputs for Lights Control
	TIS AIR	TIS Protocol Messages & Commands
	PRG Button with LED	For Programming
	Upgrading	Over WIFI Connection
REACTION TIME		Approx. 30ms
MOUNTING	Free locate	Can be Installed Anywhere

Wi-Fi Controller with 2-3 Relay

INPUT	Number of Channels	2-3
	Input Type	Digital Input. Open / Close
OUTPUT	Number of Relays	2-3 (Refer to Model Number)
	Nominal Voltage	110VAC / 230VAC 50/60 Hz
	Nominal Current per Channel	8A / 230VAC
OUTPUT SWITCHING CURRENT	Max Switching Current	10A / 230VAC Resistive 6A / 230VAC Florescent
	Max Continues Current	8A / 230VAC
	Max Switching Voltage	277VAC / 30VDC
REACTION TIME		Approx. 30ms
MOUNTING	Free Locate	Can be Installed Anywhere
OUTPUT SERVICE LIFE	Mechanical Endurance	> 10,000,000 OPS

Wi-Fi RGBW Color Controlling Module

INPUT	Input Voltage	12-32VDC
OUTPUT	Number of channels	4
	Voltage	0-10V for Signal Dimming
TIS AIR	WIFI Signal	2.4 GHz
	Protocol Standard	802.11 b/g/n
REACTION TIME		Approx. 30ms
MOUNTING	Free Locate	Can be Installed Anywhere
OPERATION	Digital Inputs	4 Dry Inputs for Control
	TIS AIR	TIS Protocol Messages and Commands
	PRG Button with LED	For Programming
	Upgrading	Over WIFI Connection

TIS CONTROL EVERYTHING

SENSORS

TISAIR

Wi-Fi IR Emitter with Temperature Sensor

POWER SUPPLY	Input Voltage	80-240VAC 50/60 Hz
	Output Power	3W / 12V
	Protection	Internal Protection Fuse
	Current Consumption	10-30 mA / 12 VDC
OUTPUT	IR Emitter Peak Wave Length	940 nm
	Radiated Emission Power (Φe)	2,4 mW
	Length of Connected Wire	< 5 meters
REACTION TIME		Approx. 30ms
MOUNTING	Din Rail	Standard 35mm Din Rail

Wi-Fi IR Emitter with Temperature Sensor & 2 Inputs

INPUT	Voltage	5 VDC (using USB charger)
	Temperature	Temp. sensor
	Digital Inputs	2×Digital Inputs
OUTPUT	IR Emitter Peak Wave Length	940 nm
	Radiated Emission Power (Φe)	2,4 mW
	Length of Connected Wire	< 5 meters
REACTION TIME		Approx. 30ms
MOUNTING	Din Rail	Standard 35mm Din Rail
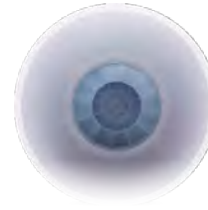
Wi-Fi Energy Servant Sensor

INPUT	PIR Motion Sensor	Dual Element Pyro-Electric Ceramic
	IR Receiver	TIS Infrared Code Receiver
	Temp Sensor	Resistance Temp. Sensor
	Light Intensity Meter	Detection Range 0-2000 Lux
OUTPUT	Infrared Transmitters	4 Probes to Cover 260 Degree
	Number of Channels	1
	Nominal Voltage	0–230VAC 50/60 Hz
	Nominal Current per Channel	8 A / 230 VAC
OUTPUT SWITCHING CURRENT	Max. Switching Current	10A / 230VAC Resistive 6A / 230VAC Florescent
	Max. Continues Current	8A / 230VAC
	Max. Switching Voltage	277VAC / 30VDC
OUTPUT SERVICE LIFE	Mechanical Endurance	> 10,000,000 OPS
MOUNTING	Celling Mount	With 2 Screws on the Base of the Sensor

Wi-Fi Motion Sensor

INPUT	PIR Motion Sensor	Dual Element Pyro-Electric Ceramic
	Light Intensity Meter	Detection Range 0-2000 Lux
OUTPUT	Number of Channels	2
	Nominal Voltage	0–230VAC 50/60 Hz
	Nominal Current per Channel	8A / 230VAC
OUTPUT SWITCHING CURRENT	Max. Switching Current	10A / 230VAC Resistive 6A / 230VAC Florescent
	Max. Continues Current	8A / 230VAC
	Max. Switching Voltage	277VAC / 30VDC
OUTPUT SERVICE LIFE	Mechanical Endurance	> 10,000,000 OPS
MOUNTING	Celling Mount	With 2 Screws on the Base of the Sensor

TIS CONTROL EVERYTHING

TIS AIR

Wi-Fi Portable Power Outlet

INPUT	Input Voltage	110-230VAC 50/60 Hz
OUTPUT	Number of Channels	1
	Nominal Voltage	110 – 230 V AC 50/60 Hz
	Nominal Current per Channel	10 A / 230 VAC
OUTPUT SWITCHING CURRENT	Max. Switching Current	16A / 230VAC Resistive 8A / 230VAC Florescent
	Max. Continues Current	10A / 230VAC
	Max. Switching Voltage	440VAC / 125VDC
OUTPUT SERVICE LIFE	Mechanical Endurance	> 10,000,000 OPS

Thermostatic Radiator Valve

RF SIGNAL	Wi-Fi Signal	863 MHZ
VOLTAGE	Operating Voltage	With 2 AA 1.5 V Batteries
FUNCTIONS	Temperature Settings	5°C ~ 35°C, in 0.5°C
	Accuracy	± 1°C
	Control	PID
MOUNTING	On Radiator Valve	M30 × 1.5 Universal Type Head to Body Connection

AIR BUS Convertor With Power Supply

POWER SUPPLY	Input Voltage	80-240VAC 50/60 Hz
	Output Power	3W / 12V
	Protection	Internal Protection Fuse
	Current Consumption	10-30 mA / 12 VDC
MOUNTING	Behind the Panel	Attachable to the Back of TIS Panels Fits in all standard Back Boxes
	Din Rail	Standard Size Din Rail Mount
CONNECTION TERMINAL	Load and Power	Screw Terminal 0,25…2mm2
	Data / Bus	Connectors Link
	Panel Link	2 Female Connectors for TIS Panel Connection

AIR BUS Convertor

CONNECTION TERMINAL	Load and Power	Screw Terminal 0,25…2mm2
	Data / Bus	Connectors Link
	Panel Link	2 Female Connectors for TIS Panel Connection
MOUNTING	Din Rail	Standard Size Din Rail Mount

Audio Streamer Wireless 2-Zone Player

INPUT	Wireless Network	IEEE802.11 b/g/n 2.4G
	Ethernet	Single 10/100M RJ45
	Bluetooth	5.0, SBC/AAC (10 Meter Distance)
	USB Host	Play USB Music
	Auxiliary In	Analog 3.5mm Connector
OUTPUT	Amplified Output	2×2×60 Watts / 8ohms
	Auxiliary Output	Analog 3.5mm Connector
MOUNTING	Table Top	On Table or rack mount

SMART SWITCHES

Dion Single-gang Smart Wall Switch

Communication Protocol		Zigbee® 3.0
Output	Number of channels	1
	Nominal voltage	110 / 230 V AC 50/60 Hz
	Nominal current per channel	8 A / 230 VAC
Output switching current	Max switching current	10A/230 VAC resistive 6A/230 VAC florescent
Output service life	Mechanical endurance	> 10,000,000 OPS
Mounting	Wall mount	To US, EU, UK junction boxes
Reaction time		approx. 30ms

Dion Two-Gang Smart Wall Switch

Communication Protocol		Zigbee® 3.0
Output	Number of channels	2
	Nominal voltage	110 / 230 V AC 50/60 Hz
	Nominal current per channel	8 A / 230 VAC
Output switching current	Max switching current	10A/230 VAC resistive 6A/230 VAC florescent
Output service life	Mechanical endurance	> 10,000,000 OPS
Mounting	Wall mount	To US, EU, UK junction boxes
Reaction time		approx. 30ms

Dion Three-Gang Smart Wall Switch

Communication Protocol		Zigbee® 3.0
Output	Number of channels	3
	Nominal voltage	110 / 230 V AC 50/60 Hz
	Nominal current per channel	8 A / 230 VAC
Output switching current	Max switching current	10A/230 VAC resistive 6A/230 VAC florescent
Output service life	Mechanical endurance	> 10,000,000 OPS
Mounting	Wall mount	To US, EU, UK junction boxes
Reaction time		approx. 30ms

Dion Curtain Switch

Communication Protocol		Zigbee® 3.0
Output	Number of channels	3
	Nominal voltage	110 / 230 V AC 50/60 Hz
	Nominal current per channel	2 A / 230 VAC
Function		Open, Close, Stop
Output service life	Mechanical endurance	> 10,000,000 OPS
Mounting	Wall mount	To US, EU, UK junction boxes
Reaction time		approx. 30ms

Dion Wall Remote

Communication Protocol	Zigbee® 3.0
Input	CR2430 3V (battery not included)
Battery life	730 days
Wattage	96W
Working temperature	-10°C ~ 45°C

Venera Series Touch Panel

Communication Protocol		Zigbee® 3.0
Output	Number of channels	2-3
	Nominal voltage	110 / 230 V AC 50/60 Hz
	Nominal current per channel	8 A / 230 VAC
Output switching current	Max switching current	10A/230 VAC resistive 6A/230 VAC florescent
Output service life	Mechanical endurance	> 10,000,000 OPS
Mounting	Wall mount	To US, EU, UK,IT junction boxes
Reaction time		approx. 30ms

TIS CONTROL EVERYTHING

Universal Dimmer Module

COMMUNICATION PROTOCOL	Zigbee® 3.0
VOLTAGE	100-240VAC
OUTPUT	1Ch > 400 W
WATERPROOF GRADE	IP20
MATERIAL	ABS Plastic

2 Gang Switch Module

COMMUNICATION PROTOCOL	Zigbee® 3.0
OPERATION TEMP.	-10ºC to +40ºC
VOLTAGE	90-250VAC
CURRENT	10A Max
IP RATING	IP20

Shutter / Curtain Controller Module

COMMUNICATION PROTOCOL	Zigbee® 3.0
VOLTAGE	230VAC
CURRENT	5A
RANGE	≤ 200m
OPERATING TEMP	-10°C to + 40°C
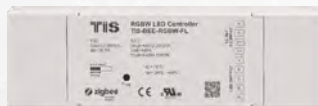
RGBW LED Controller

COMMUNICATION PROTOCOL	Zigbee® 3.0
INPUT VOLTAGE	12-36VDC
OUTPUT CURRENT/CHANNEL	4 5A Max
WATTAGE	96W
PROTECTION RATE	IP20

Smart RGBW Light Bulb

COMMUNICATION PROTOCOL	Zigbee® 3.0
LIGHT BEAM ANGLE	220 degrees
COLOUR TEMP.	1800K-6500K
VOLTAGE RANGE	220-240VAC 50/60 Hz
WATTAGE	8.5 W

Zigbee Smart Plug

COMMUNICATION PROTOCOL	Zigbee® 3.0
VOLTAGE	230VAC / 50Hz
MAXIMUM LOAD	3680W
PLUG FORMAT	EU, UK Standard
OPERATING FREQUENCY	2400-2483.5 MHz

TIS BEE

Smart Valve Controller

COMMUNICATION PROTOCOL	Zigbee® 3.0
WATER VALVE POWER VOLTAGE	12VDC-1.5A
STANDBY POWER	0.3W
VALVE PRESSURE	1.6MP
TORQUE	40kg.cm

Curtain Motor Battery Based

COMMUNICATION PROTOCOL	Zigbee® 3.0
BATTERY	Lithium-Ion
BATTERY LIFETIME	6 Month
MAX. RAIL LENGTH	6 Meter
FUNCTION	Two Side/ One Side

Zigbee <-> TIS BUS Gateway

INPUT	Zigbee	Zigbee 3.0
	RS485	TIS BUS
	RJ45	Ethernet UDP - TCP/IP Connection
OUTPUT SWITCHING CURRENT	Zigbee 3.0	Program 128 Channel
	Ethernet Rj45	UDP TIS Protocol – TCP/IP TIS Cloud
	Upgrading	By UDP Ethernet Port
	PRG button	IP Address Reset, 192.168.1.200(default)
MOUNTING	Din Rail	Standard 35mm Din Rail
	Wall Mount	Screw Holder on the Back of the Module
REACTION TIME		Approx. 20ms

Zigbee Key Fob

COMMUNICATION PROTOCOL	Zigbee® 3.0
FUNCTION	4 Buttons for Arm Away, Night, Disarm and Panic
OPERATING FREQUENCY RANGE	2400-2483.5MHz
MAXIMUM RF OUTPUT RANGE	10dBm
BATTERY TYPE	CR2032

Siren And Flasher

COMMUNICATION PROTOCOL	Zigbee® 3.0
WORKING VOLTAGE	100-240VAC
BATTERY BACKUP	3-7V
ALARM SOUND LEVEL	95dB

Smart Smoke-Detector

COMMUNICATION PROTOCOL	Zigbee® 3.0
WORKING VOLTAGE	3VDC Battery
ALARM INDICATION	Red LED
ALARM SOUND LEVEL	≥85dB/3m

TIS CONTROL EVERYTHING

Smart Door/Window Sensor

COMMUNICATION PROTOCOL	Zigbee® 3.0
LOW BATTERY INDICATOR	Yes
WORKING VOLTAGE	3V DC(CR2032 Battery)
ALARM TRIGGERING DISTANCE	23 ± 5 mm
BATTERY LIFE	<One Year

Smart Door Sensor with Bypass Button

COMMUNICATION PROTOCOL	Zigbee® 3.0
ALARM TRIGGERING DISTANCE	23 5 mm
BATTERY LIFE	3 Years
BATTERY TYPE	1×CR2

Carbon Monoxide Detector

COMMUNICATION PROTOCOL	Zigbee® 3.0
WORKING VOLTAGE	DC3V (CR123A lithium battery)
STANDBY CURRENT	≤20uA
ALARM CURRENT	≤60mA
WORKING ENVIRONMENT	-10° C +50° C

Water Leak Detector

COMMUNICATION PROTOCOL	Zigbee® 3.0
WIRELESS RANGE	100ft (40m) LOS
OPERATING FREQUENCY	2405MHz-2480MHz
POWER SUPPLY	2 × AAA, 3V Batteries
OPERATING HUMIDITY	<85%

PIR Motion Sensor Wall Mounted

COMMUNICATION PROTOCOL	Zigbee® 3.0
OPERATING FREQUENCY	2.4 Ghz
RF OUTPUT POWER	<10dBm
BATTERY TYPE	CR2032
OPERATING HUMIDITY	<85%
DETECTION ANGLE	110°
DETECTION RANGE	5m
OPTIMUM HEIGHT	2.5m

Smart Gas Sensor

COMMUNICATION PROTOCOL	Zigbee® 3.0
TRANSMIT POWER	≤10dBm
WORKING VOLTAGE	DC12V (Adapter)
GAS TYPE DETECTION	Natural Gas (CH4)
ALARM CURRENT	≤150mA (DC12V)

TIS DISTRIBUTORS

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