

Few Ideas  
Make the  
Change



It's time for  
smart living

2020  
PRODUCT CATALOGUE

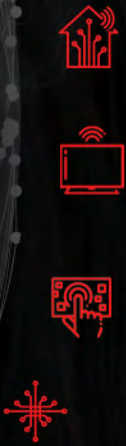




# It's time for smart living



**2020**  
PRODUCT CATALOGUE





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Automation made  
**easy**



# About Us

## TIS Group

TIS Automation Group is composed of many companies, branches, integrators, and dealers worldwide; more than 6000 employees work in the TIS family.



### Texas Intelligent System

Our offices in the US source and implement the best technology of US suppliers and contract with pioneers to bring our clients the best results. The US market also provides great ideas for our R&D team, helping us invent and improve upon products to meet the demands of our clients. The vast experience and knowledge of our shareholders and engineers are brought to bear on everything we do, contributing to our stellar performance and exposure in the marketplace.

### Guangzhou TIS Automation Technology, China

In addition to a strong R&D team, production, quality control, and assurance are the heart and brain of any system. Manufacturing plays an important role in enhancing TIS technology, enabling us to develop the highest quality home automation products.

### TIS Control Limited, China SAR, Honk Kong

After 10 years of automation experience, TIS's founder started to turn his vision into reality. This is when TIS was born. His vision was to design smart solutions that were affordable and accessible to all and that could suit all kinds of clients' demands in different residential, commercial, and industrial projects. TIS Control was established in Hong Kong with a professional R&D department responsible for creating a new era of smart home products that can be installed in every home. Believing that "every small idea can be valuable," TIS CEO, Turath Mazloum, defined the group's vision as "Small Ideas Can Make Great Changes." According to Mazloum, "This is just the beginning. We want to make our products more affordable for our customers all over the globe. In addition to TIS's luxury products, we also aim to support small projects with our DIY standard and wireless series. Energy efficiency is also core to our design."

### TIS Automaton FZE, Middle East

TIS Automation FZE, TIS's representative in the Middle East, started with professional support teams and training centers in the UAE in order to target the demanding markets of developing economies in Arab and Middle Eastern countries.

TIS Automation cooperates with electrical companies with experience in the field of residential and commercial building automation, facilitating a shortcut between the clients' needs and the TIS digital experts' knowledge in order to speed up the development process.



# Why do Small Ideas Make Great Changes?

TIS technology's development is integrated with ideas, style, and excitement. It is this philosophy that defines who we are; we pay attention to your needs and take responsibility for considering the world's changing lifestyles.

If it's a residential automation solution you are looking for, TIS offers exactly what you need to complete your modern home project.

Imagine being able to control everything around you: maintain your room temperature at a comfortable level, adjust lighting to suit the mood of the moment, and ensure safety and security in your home or office while you enjoy your surroundings.

Or, perhaps you want to create an efficient work environment by producing a positive workspace for yourself and your co-workers using TIS technology. TIS offers effective solutions required for a productive work environment. Get benefits beyond a price tag.

The cornerstone of our design is modular products that evolve around your requirements. TIS introduces cutting-edge style with technology that outperforms similar solutions in the market.



TITAN  
TITANIA

IO  
SERIES

TERRE  
SERIES

LUNA  
SERIES

MARS  
SERIES

VENERA  
SERIES







The TIS interface panels help users program lighting channels and create moods and scenes as desired. The TIS smart system allows easy user installation since all the products are built to DIY standards.

And that's not all; you can couple these smart solutions with TIS panel additions to expand their functions.





 **TITAN**  
**TITANIA**

TIMELESS  
**ELEGANCE**  
INSPIRING  
**BEAUTY**





# TITAN TITANIA



**TITAN**



**TITANIA**

Whether you work in the automation industry or are just an end user, you might like TIS's new series of wall switches. These panels feature touch faceplates with temperature, weather station, and energy consumption indexes for the ultimate light, climate, shade, mood, security, and music control. The Titania panels are available in the US standard size, while the Titan panels are offered in the UK standard size.





These flush-mount panels add style and sophistication to your home's aesthetics. Beautiful curves and slim icons have made this interface incredibly elegant, natural, and easy to operate.





They come in a range of premium colors and materials, including plastic, metal, and glass, and personalized finishes can be requested. Give your wall a high prestige look with our smart switches.



Titania & Titan interfaces are guaranteed to add a touch of class and control to any space. Have your building fully under control with these flush-mount panels, which are also manageable via smartphones. Simply flip your fingers across the display, and control your house with Titania & Titan switches.







### TITANIA & TITAN TFT:

A 3" touch screen, with customizable LEDs for icons, designed for limitless control over lights, climates, moods, scenarios, curtains, and more.



### TITANIA & TITAN 4G

4-gang touch panel to control lights, moods, curtains, and more. You can also add a personal touch to the interface's texts and/or icons.



### TITANIA & TITAN 3G

3-gang touch panel to control lights, moods, curtains, and more. The interface's texts and/or icons can be personalized according to the user's preferences.



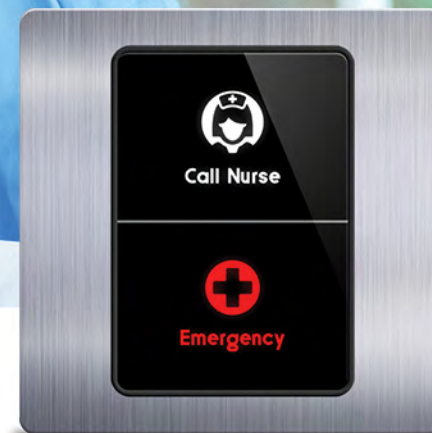
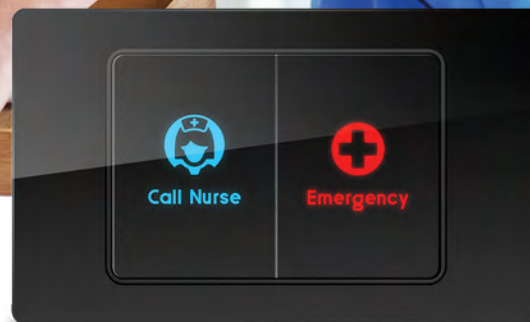
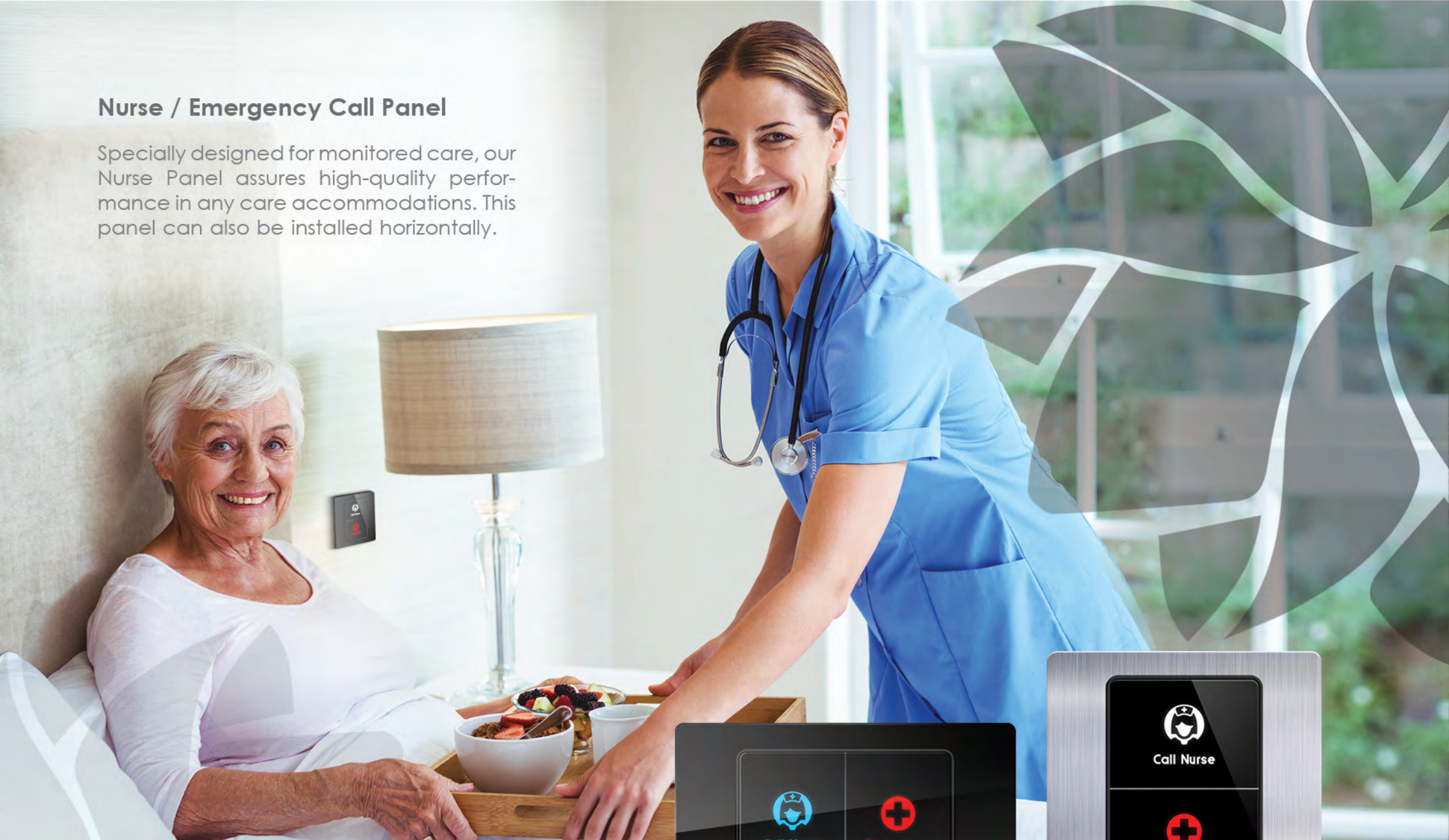
\*The Titania 4G switch fits the Italian standard electrical box if mounted horizontally.





## Nurse / Emergency Call Panel

Specially designed for monitored care, our Nurse Panel assures high-quality performance in any care accommodations. This panel can also be installed horizontally.





## Hotel Call Panel: MUR, DND Panel

The Titania/Titan Hotel Panels can be utilized to improve the hospitality sector. These are designed with MUR and DND hotel service features for a more convenient hotel experience. The texts and/or icons in these two panels can be personalized according to the preferences of individual users.







**IO**  
— SERIES —

THE UTMOST  
**TECHNOLOGY**  
— via —  
*Traditional*  
DESIGN







**IO**  
— SERIES —

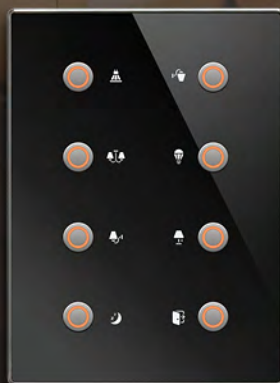
The IO switch is designed in a variety of different panels to suit all areas of your hotel, home, and building; whether you are a smart home tech newbie or just want to explore the best smart home solutions, the IO panel is what you are looking for.

This wall-mount switch comes in a series of unique designs with different capabilities.



## IO Thermostat with 4 Gang

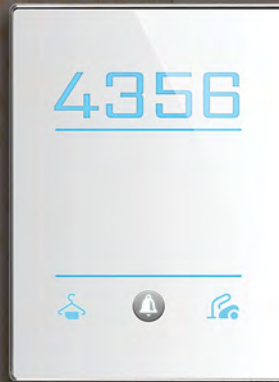
A wall thermostat with 4 push buttons and a knob for managing lights, moods, or shades. It allows users to fiddle with the brightness, colors, room temperature, and much more. The rotating button on this interface makes climate control very easy; although this switch features a traditional design, its natural and comfortable rotation feedback makes it very user friendly.



## IO 8G

Designed with 8 backlit push buttons that allow users to design a personalized label display. This panel can be mounted horizontally and/or vertically and also offers custom engraving options for a more personalized experience.





### IO Outdoor Hotel Panel

A hotel solution featuring MUR/DND indicators and room number display with a push button bell. It also has an optional RF reader and an access control function.



### IO Card switch

Card switch with 3 buttons for DND/MUR/Laundry services and an internal memory to log records is designed for energy efficient hotels.





**TERRE**  
SERIES

Fashioned  
to suit your design





# TERRE

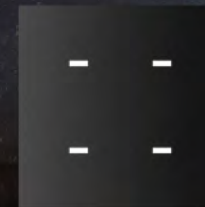
## SERIES

The Terre Series includes wall panels and sockets, which come in glass, plastic, wood, leather, stone, or metal finishes. This series includes a 4-button touch panel interface, thermostat, music, hotel service touch panels, a 1-gang switch, 2-gang switch, or a bell switch. Additionally, it comes with many sockets, including EU power, universal power, USB charger, speaker connector, telephone, TV male/female, data, LED indicator, and a blank plate socket. The Terre panel is designed to fit in standard UK and European box sizes.



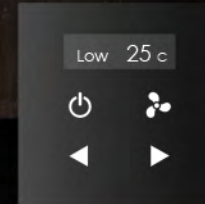


Terre panels are now available in 1, 2, 3, and 4 gangs for vertical or horizontal configurations.



### Terre 4-Gang Touch Panel

Simple 4-button touchscreen with backlight. Control lights, curtains, and moods with a single touch.



### Terre Air Conditioner Control Panel

Monitor room climate and floor heater with this smart panel. Have important messages displayed for you on the 1" OLED screen.



### Terre Music Control Panel

Display your music and control the TIS Audio Player from the user-friendly Terre Interface Panel. It will also display reminders and alerts via the 1" high-resolution OLED screen.



### Terre Hotel Services Panel

It consists of a 4-button touchscreen (indoor) and 4 inductors (outdoor) to display the service request (Do Not Disturb, Make Up Room, Laundry, Mini Bar).





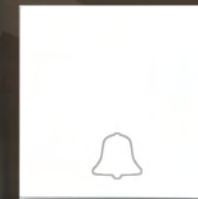
### Telephone Socket

RJ11 1 Gang  
Telephone Socket Unit



### Universal Power Socket

10A \* 250V 1 Gang  
Universal Power Socket



### Bell Switch

10A \* 250V 1-Gang  
One-way Push Single  
Pole Switch Unit



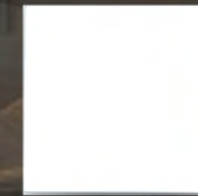
### Data Socket

RJ45 1 Gang  
Data Socket Unit



### German Power Socket

16A \* 250V 1-Gang  
German Socket



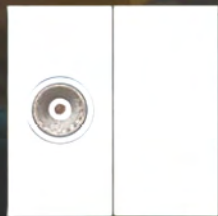
### 1-Gang Switch

10A \* 250V 1-Gang  
One-way Switch



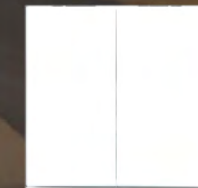
### USB Socket

USB Charging Socket



### TV Socket

Female TV Socket  
Male TV Socket



### 2-Gang Switch

Each 10A \* 250V  
One-way Switch



### Indicator Socket

LED Indicator Unit



### Speaker Stereo Socket

Left and Right Speaker  
Connection Socket



### Blank Plate

For covering any  
provision





### Glass Finishes

Available in white and black



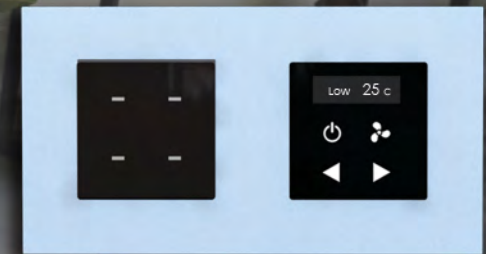
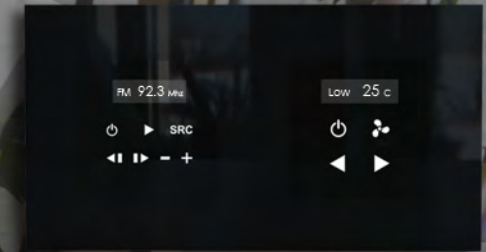
### Aluminum Finishes

Available in silver and gold

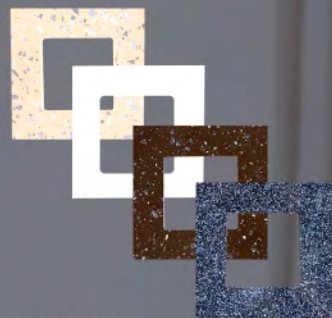
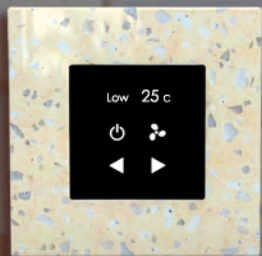


### Plastic Finishes

Available in white and black



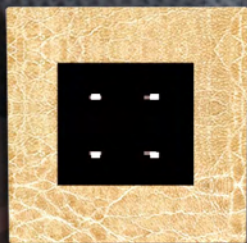




Stone: four different finishes



Wood: three different finishes



Leather: three different finishes







# TERRE

SERIES

## Terre Hotel

The Terre Series offers an ideal, simple, and elegant hotel interface. With the modular mechanism of all of Terre's sockets and switches, you can make any combination in 1, 2, 3, or 4 gangs to make this solution fit your hotel room design and provide the highest level of comfort for your guests.





# TERRE

SERIES





LUNA   
SERIES

Looking for something  
to robust your  
interior design?







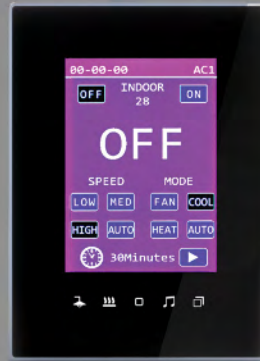
# LUNA

SERIES

The Luna Panel Series is available in 5 product ranges and comes in black or white. It offers a 9-button touchscreen interface, a bedside panel with climate control and built-in thermostat, a hotel card switch with service touch buttons, and an outdoor hotel bell panel. The Luna TFT comes with audio, climate, and a customizable multipage interface to access control features.

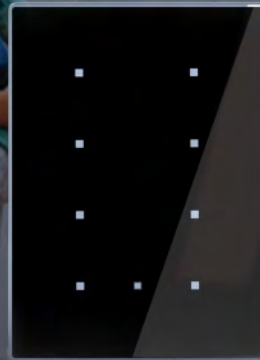
Our Luna interfaces are coupled with TIS panel additions to become configurable with the TIS Bus network. The panel additions add extra features to our already feature-laden Luna panels and make them customizable to suit all of your digital needs. This series fits into any standard Australian, UK, European, or US back boxes.





### Luna TFT LCD Panel

This panel, with a 4.3" LCD touchscreen and temperature sensor, offers a stylish and sophisticated interface for managing lighting, music, climate, motors, security, moods, and other third-party devices. It will also display reminders and alerts via the high-resolution screen.



### Luna 9G

This panel features a 4.3" touchscreen and 9 buttons for lights, motors, and moods control. This trendy solution is configurable with third party sensors, too.





LUNA  
SERIES  
Hotel





# LUNA SERIES

## Hotel

The Luna Series offers panels especially designed for hotel use, making your guests feel the high tech in their room. Enhance hotel management with TIS technology.





### Hotel Outdoor Bell with RF Reader

This solution features a touch bell button interface with 3 service indicators (DND, Make up room, and Laundry) with an RF card reader and access control function.



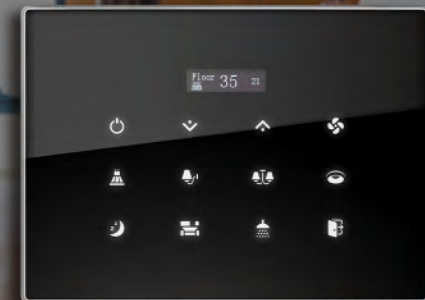
### Hotel Outdoor Bell

This touch bell button includes 3 service indicators (Do Not Disturb, Make Up Room, and Laundry) and room number display.



### Hotel Card / Services Button

This card switch for Mifare-I or Temic Card types includes 3 extra buttons for hotel services, such as Do Not Disturb, Make Up Room, and Laundry. It can also be designed to be used for lighting control.



### Luna Bedside

This panel is designed with a 4.3" touchscreen and 12 buttons, a temperature sensor, and a 1" OLED screen and offers a fashionable and user-friendly interface for managing climate, lighting, and moods.





MARS  
SERIES

Elegancy  
meets technology





# MARS<sup>2</sup>

SERIES

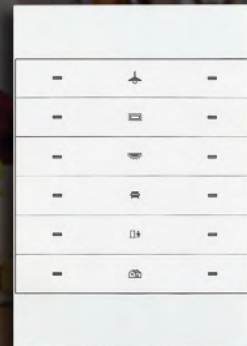
The TIS Mars Panel Series is available in 4 product ranges and 7 different colors to best suit your home's interior design. This package can be used to improve audio, climate, and lighting control. Our Mars interfaces are coupled with TIS panel additions to become configurable with the TIS Bus network. The panel additions add extra features to our already feature-laden panels and make them customizable to suit all of your digital needs. This series fits into any standard Australian, UK, European, or US back boxes.





## Mars Panel 10-Gang with Thermostat MRS-AC10G

With 10+2 buttons, a 9.1" high-resolution OLED screen, and a built-in temperature sensor, this panel facilitates the management of lights, climate, motors, moods, and scenes and also allows for reminder and alert settings.



Mars Panel 12-Gang  
MRS-12G



Mars Panel 8-Gang,  
MRS-8G



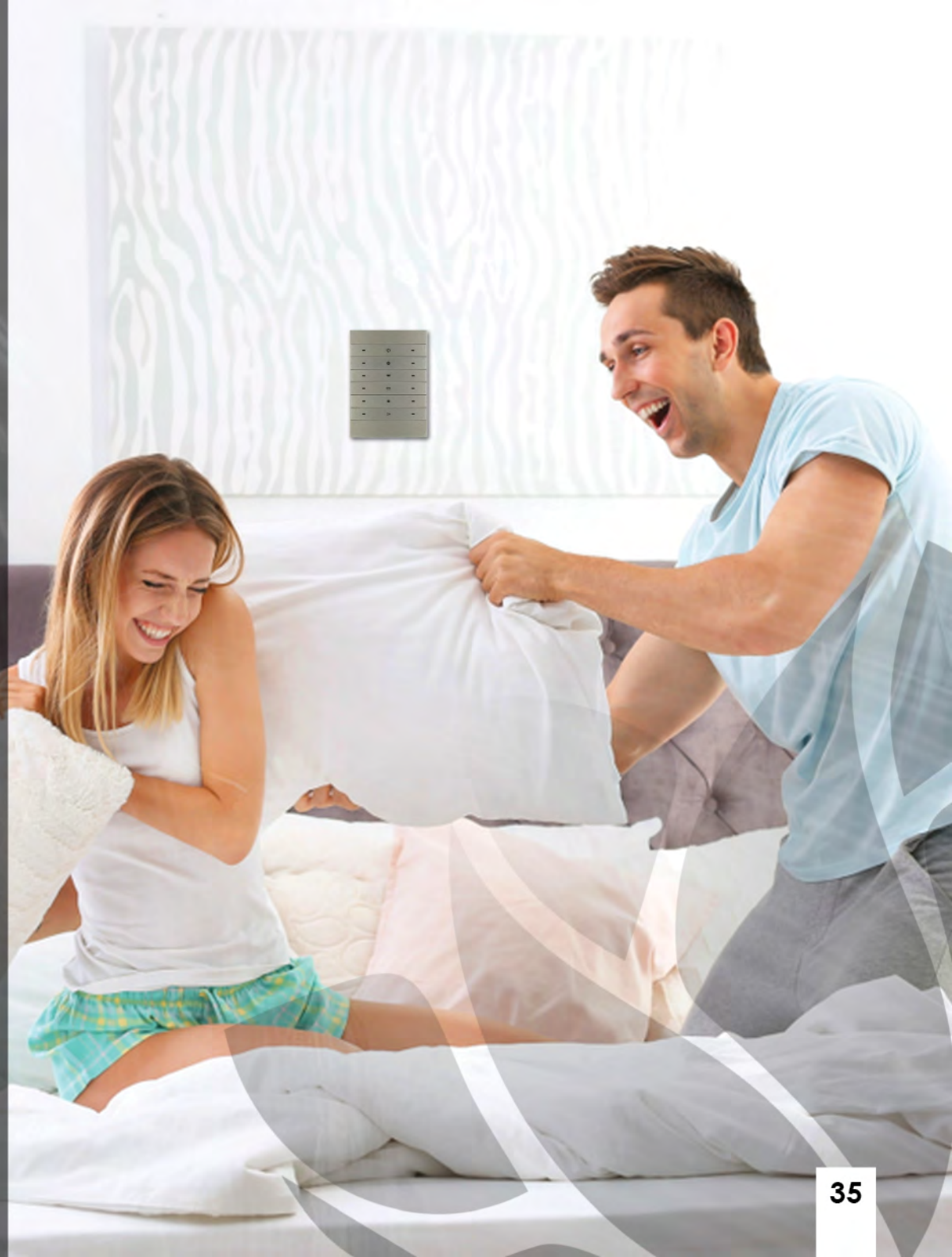
Mars Panel -4Gang  
MRS-4G

This panel has 4, 8, or 12 buttons and 2 LED colors for each button, as well as built-in IR receiving functionality, which means you can control lights, motors, and other digital devices via the TIS-MRC handheld remote control.

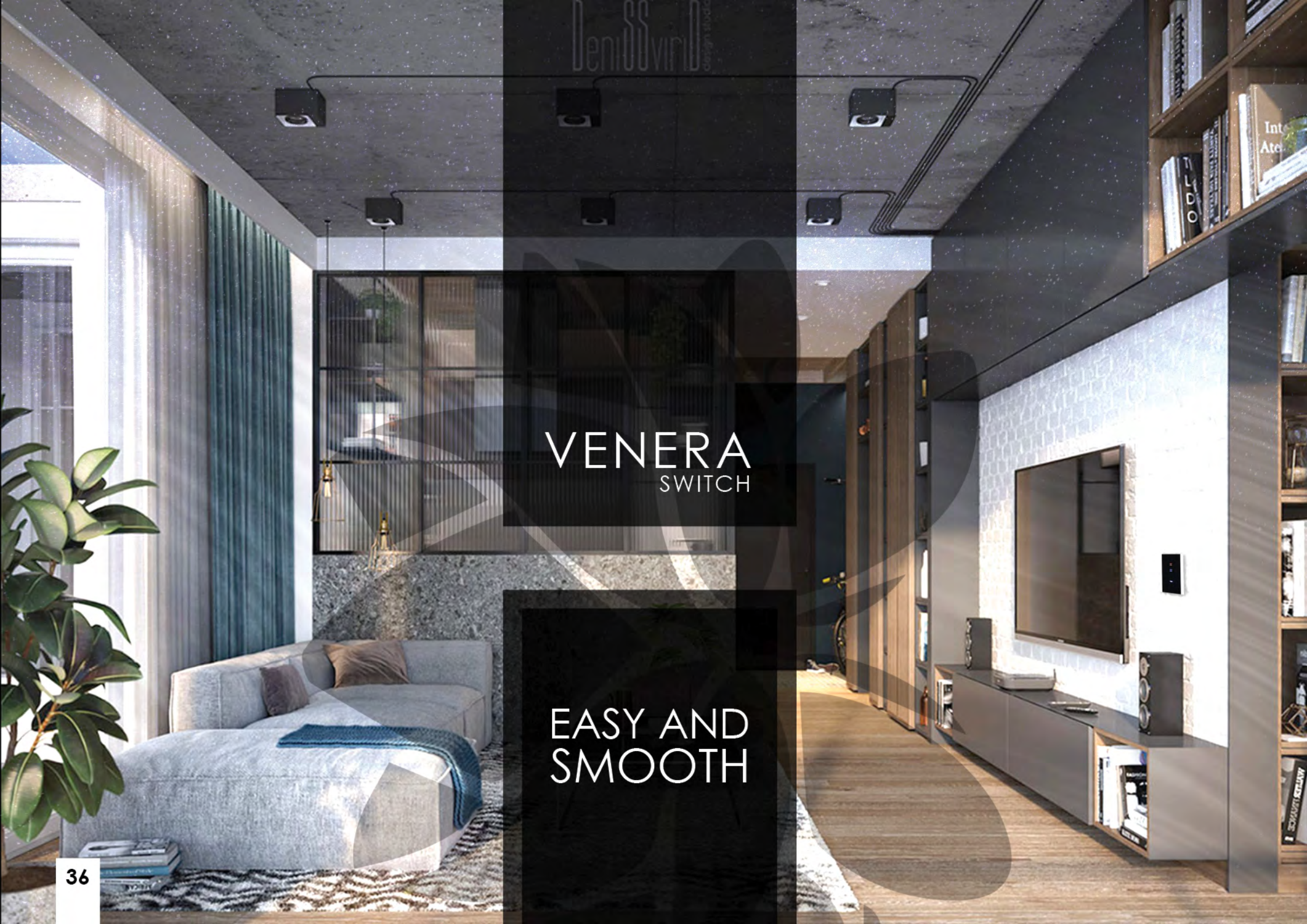




These classic switches with push buttons and latching mechanism are available in jet black, antique bronze, champagne, natural coal, titanium, and pale silver finishes. Enjoy 1-, 2-, and 3-gang Mars switches with customizable backlit colors.







VENERA  
SWITCH

EASY AND  
SMOOTH

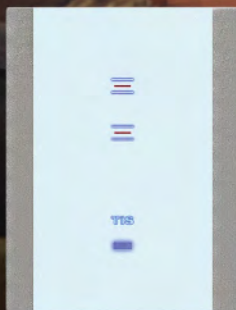
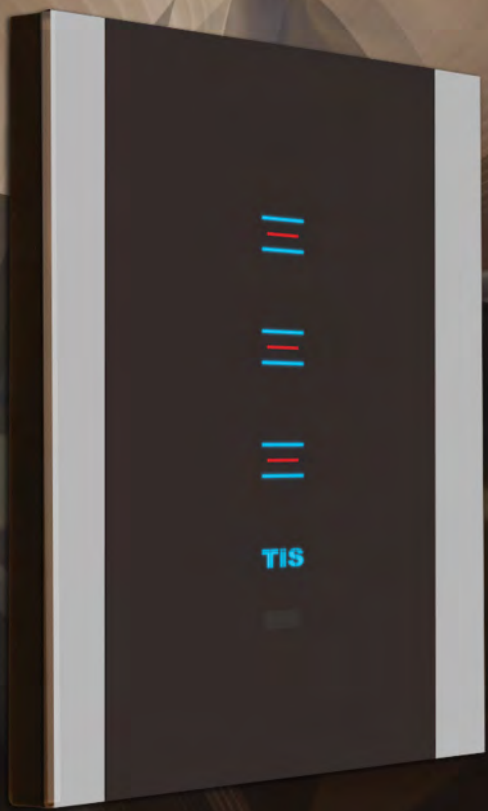




## VENERA SWITCH

If you are looking for a simple and elegantly designed panel to control your home, here's what you need. A product from our WIFI series, the Venera Switch was designed by the TIS Automation Group to help you control lights, curtain, and shutters. Venera is a wall touch switch that enables multiple management options. It only requires three steps: remove your old switch and install the new one, connect it to the Internet, then control it. Whether your residence is an apartment or a house with a big yard, once you replace the old switches, Venera is ready to go.





Venera panels are now available in 2-3 button ranges and can be utilized to turn lights ON/OFF and control scenes.





## TIS IR REMOTE CONTROL

The TIS-MRC is a handheld 34-button remote control that can be programmed to control the entire TIS system. From audio and lighting to climate control, including security and curtain control, this product has an elegant and simple design and is available in two colors (black or grey).





## iOS Application

TIS offers a free application for your iPad and iPhone to control all TIS products, helping to make your home lighting, climate, and security management simple and always under your control.

Many other developers' applications are also available with different interfaces and graphics. Feel free to contact us for more information about all of our compatible applications.



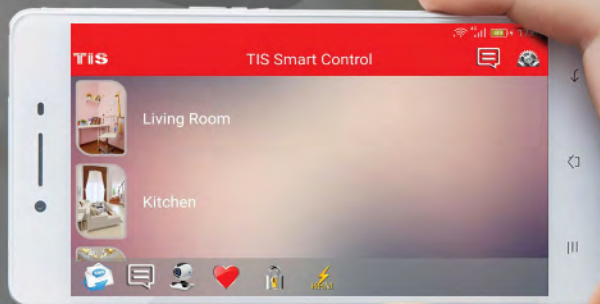




## Android Application

Our Android app suits any Android-enabled device and offers a simple DIY application to control all your home lighting, climate, security, curtains, and more.

Many other developers' applications are also available with different interfaces and graphics. Feel free to contact us for more information about all of our compatible applications.







# Intercom Door Phone System

TIS is advancing the concept of modern living by introducing a solution that goes beyond the simple functions of an intercom system and becomes a new, fully capable smart home control gadget. We are driven to enhance your life and safety with a smart home solution that combines various control features, saves energy, improves security, and supports health care.





### Outdoor Villa Door Phone Unit TIP-DPH-SV1

This single-dwelling external intercom unit with one bell button can call one or more indoor units. It comes with an ID card reader to open the door, a camera with night vision, and an audio and video recording function.



### Outdoor Tower Door Phone Unit TIP-DPH-OBL7

This external intercom unit for apartments, which includes a 7" TFT screen and many coding buttons, can call an unlimited number of units by entering and confirming the unit number. It comes with an ID card reader to open the door, a camera with night vision, and an audio and video recording function.



### Indoor 7" Touchscreen Unit TIP-DPH-INT7

This elegantly wall-mounted 7" touchscreen solution features a built-in microphone, speakers, camera, and TF card slot and is designed to control your home automation with 12 simple programmed modes. It can unlock your door, show live feeds from four IP-based cameras, call other units, and turn into your control center. It is also capable of sending and receiving important alerts.



# Saving Energy

Our main goal is energy management. We believe that designing energy efficient installations with a target of 60% reduction in energy usage per project will assist in the world's energy emissions control. Our range of smart energy management sensors adapts to your lifestyle and provides maximum energy savings without affecting your lifestyle. This eco-friendly series includes the following solutions:

- 1. Energy Servant
- 2. PIR-CM
- 3. Smart Bat
- 4. Health Sensor
- 5. Energy Meter
- 6. Weather Station





# Health Sensor

The TIS Health Sensor is a ceiling-mount solution with many digital components to ensure high air quality and comfort level. This solution detects dangerous gases, regulates and adjusts temperature and humidity according to the outside weather and provides fresh air in closed environments. The TIS Health Sensor is equipped with CO, CO<sub>2</sub>, VOC, temperature, humidity, light intensity, and motion sensor monitors, a microphone, 3 digital inputs, and 32 lines of logic and timers which all make this solution suitable for baby/nurse rooms, hospitals and other healthcare centers.





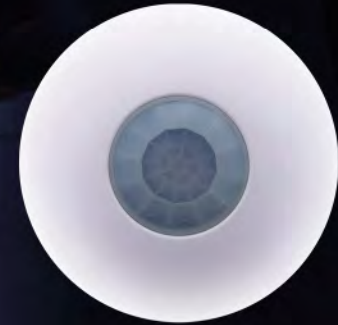
### TIS Energy Servant 10-Function

The TIS ES-10F-CM is a ceiling-mounted PIR motion detector featuring a lux level sensor as well as IR send/receive functionality. It has 32 logic lines, which allows for integration as an automatic home automation solution in an easy and affordable sensor package. Its logic capabilities enable the user to set programs and monitor room temperatures, doors, and windows. Let the TIS ES 10F sensor take control of a room's AC system and lighting to ensure the most efficient use of systems.



### TIS BUS PIR Motion Sensor

The PIR-CM is one of our economical motion detectors and is suitable for areas of motion detection priority.

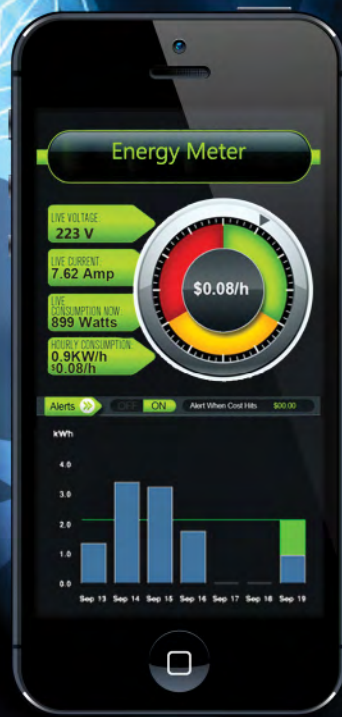
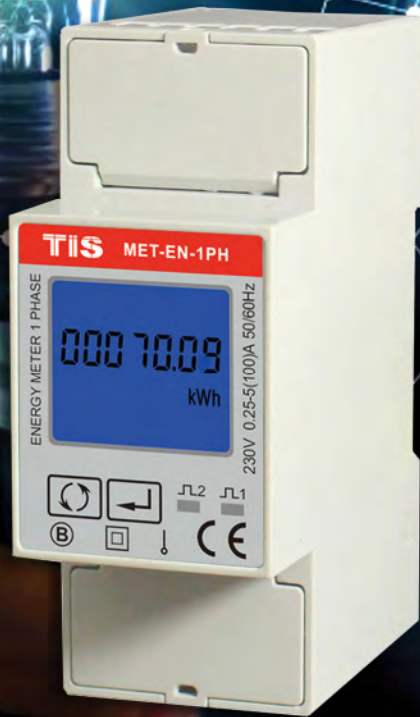


### Smart Bat, Ultrasonic Motion Detector

The TIS BAT-CM ultrasonic sensor works with occupancy detection and is great for large spaces in residential and commercial projects. This sensor is used in cooperation with the TIS dry input interface device and requires an external 124VDC power source.







# Energy Meter

TIS Energy Meter module is intended for energy measurements and can be used in residential, industrial and utility applications. This device records energy consumption and communicates this information to the supplier for monitoring and billing and to the user to have an idea of consumption so that he/she can take energy efficiency policies in consideration if needed. The TIS smart Energy Meter provides hourly, weekly and annual record of energy consumption and report at least daily.





# WEATHER STATION

The TIS Smart Weather Station features a revolutionary design with many digital components and simple installation. This device is instantly online and app-enabled to provide the utmost convenience for the user. The TIS Weather Station outperforms and outlasts traditional solutions, as its various sensors help grasp updates on the weather and receive instant alerts in emergency situations. This intelligent module gives reports on the relative intensity of rain, wind speed, UV index, brightness, temperature, and humidity. Your home's smart network certainly welcomes this geeky smart solution!





Weather Station also protects your home in cases of severe weather. If there are high speed winds, all the shutters and windows will be closed, and you will be alerted. It will also protect your health by notifying you if the temperature gets too high or too low. Additionally, it sends a message if the UV sensor recognizes that the index has reached harmful levels, so you can make sure to wear enough sunscreen. This also keeps pipes and furniture safe from sudden and gradual damage caused by temperature and light changes.





# Lighting Control

TIS standard controllers include the following solutions:

- Power Relay Modules
- Latching Relay Modules

TIS designs for light dimming include the following:

- Leading Edge Dimmers
- Trailing Edge Dimmers
- LED PWM Drivers
- DALI controllers
- DMX controllers





# RELAY MODULES

Make your  
Home Relayable



## RELAY MODULES

This module is used for switching a variety of loads and is available in 4-, 6-, 8-, and 12-channel options. With this solution, you can turn lights ON/OFF, set your home's floor heating, and arm the security system if you have picnic plans for the weekend. This device is also capable of interlocking with other devices, so there is no need for extra controllers, and you can easily manage your home's curtains and blinds.



### Power Relay Module 4 Channel 10A RLY-4CH-10A

Small module used to control 4 lighting channels or 2 sets of curtain motors.



### Valve Lighting Curtain Module 6CH 5A VLC-6CH-5A

Small, economic module used to control 6 outputs, like signal contact, door, lighting channel, 2 sets of FCU fan speeds, or 3 sets of curtain motors.



### Latching Relay Module 8 Channel 16A RLY-8CH-16A

Since it can be used to control higher current devices, the advantage of using this module is the mechanical relay, which has override access in case of network failure.



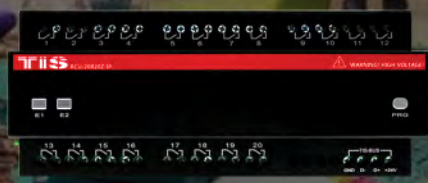
### Valve Lighting Curtain Module 12CH 10A VLC-12CH-10A

This module can be used to control 12 lighting channels, 4 sets of FCU fan speeds, or 6 sets of curtain motors.





RCU-8OUT-8IN



RCU-20R20Z-IP



RCU-24R20Z

RCU Modules are available in different models, including RCU-20R-20Z-IP, RCU-24R-20Z and RCU8in-8out. The RCU-20R-20Z-IP has 20 channel inputs and outputs; thus, it is capable of controlling almost everything in an automation project. This device is compatible with all the sensors, lights, FCU, curtains, shutters, and motors available on the market. This unit can control a large area, performing all functions while also monitoring and decreasing energy consumption. The RCU-20R-20Z-IP is the best and the most budget-efficient solution for hotels. It can upgrade your hotel; connect normal wall switches to this solution and make them smart.

This solution is also equipped with an IP port, enabling different parts of a building to be linked and controlled via one single platform. For example, in a hotel, all the guest rooms can be connected and managed using just our software. This capability considerably improves guest room management. Also, it can be linked to the Internet and is capable of performing programmed actions according to a set schedule. For instance, in mass apartment projects, each and every flat can be optimized separately. This feature helps save a lot of energy. The other two models (i.e., RCU-24R-20Z and RCU8in-8out) have different capacities regarding input and output channels (24 channel output/20 channel inputs and 8 channel output/input with one 0-10V output channel, respectively) and should be chosen based on the scale and necessities of a project.

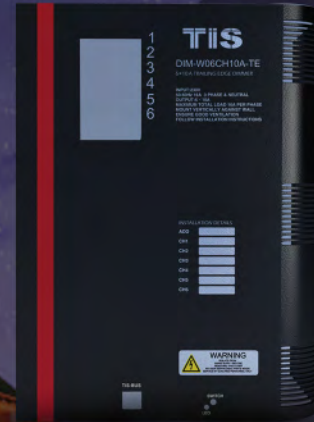




DIMMER  
MODULES

LET'S BRIGHTEN  
OUR LIVES

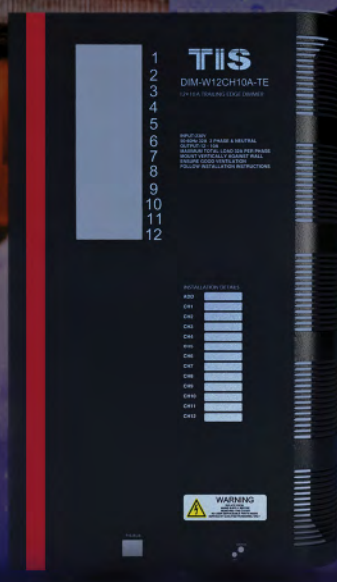




### 6 Channel 10A TE Dimmer, DIM-W06CH10A-TE

Trailing Edge Dimmers

Our commercial range of dimmers is available in 6- and 12-channel wall units with 3-phase input, MCBs, and advanced protection methods.



### 12 Channel 10A TE Dimmer, DIM-W12CH10A-TE

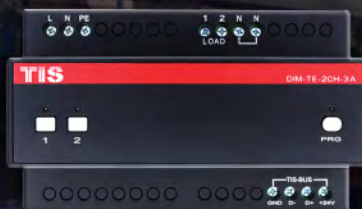
Easily create moods for that corporate event, in your ballroom, or throughout your hotel lobby—anywhere that requires high current lighting control.





### TE Dimmer 4Ch

This trailing edge dimmer is used to dim 20V LED and CFL lights.



### TE Dimmer 2Ch

This trailing edge dimmer is used to dim 220V LED and CFL lights.



### Ballast Controller RLY-6CH-0-10V

Ballast Controller with 6 Channel Relays and 0-10V Output.



### 2 Channel 6A LE Dimmer, DIM-2CH-6A



### 4 Channel 3A LE Dimmer, DIM-4CH-3A



### 6 Channel 2A LE Dimmer, DIM-6CH-2A



### LEADING EDGE DIMMER MODULE

Used for dimming halogen lights, this smart series helps with setting light shades for different dining and home theater experiences. This package of residential din-rail dimmers is available in 2, 4, and 6 channel varieties. The LE dimmers can be used to manage lights automatic increase/decrease once configured with TIS motion sensor which function is bound to space occupancy. So if someone leaves a room, its lights automatically are dimmed low.





## TIS DALI

DALI (Digital Addressable Lighting Interface) is a data protocol and transport mechanism that was developed and specified jointly by several manufacturers of lighting equipment.

The common platform of DALI enables equipment from different manufacturers to be connected together. Our DALI network consists of a TIS DALI controller and DALI LED dimming drivers.

The controller can monitor and control each light by means of a bi-directional data exchange.

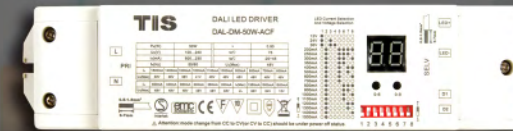
The DALI protocol permits devices to be individually addressed, and it also incorporates Group and Scene broadcast control.





## TIS DALI 64 CH Controller

This DALI-powered controller enables the monitoring of 64 devices in one DALI network. It converts our TIS Bus signal to the DALI network to dim and monitor all DALI light interfaces using the elegant TIS panel interface and application.



## DALI LED Driver 1 CH 50W

Match the DALI standard with this 1-channel driver. The address can be set manually by the easy-to-read LCD screen or automatically by the TIS system. The driver has a built-in power supply that can be set by dipswitch as 12-32V DC, and it can be set to control both constant current or constant volt LED lights. It is also compatible with the TIS DALI controller.



## DALI LED Driver 4 CH 7A

Match the DALI standard with this 4-channel driver with four different addresses that can be set manually with the buttons on the LCD or automatically using the TIS system. Each 7A works separately, or they can be combined together. Driver input requires an external power supply of 12-32V DC, and it is compatible with the TIS DALI controller.





## TIS DMX

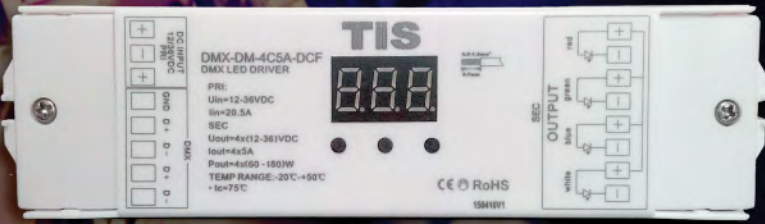
The TIS DMX controller can control all devices working under DMX512 protocol. This protocol is a standard for digital communication networks that are commonly used to control stage lighting, dimmers, and other effects. TIS has many products that also work under the DMX512 protocol, like LED drivers and many small elegant party effects.





### TIS DMX 48CH Controller

This controller can manage 48 DMX addresses from different devices; many controllers can be linked together by TIS's Bus system so that an unlimited number of DMX devices can be controlled under one protocol. Each DMX gadget is able to directly control separate and/or groups of channels to create scenes, sequences, and unforgettable show effects.



### DMX LED Driver 4CH 5A

Combine DMX512 with this 4-channel driver and enjoy the advanced intelligent technology. This solution features 4 different addresses that can be programmed manually via LCD and setting buttons. An extra power supply of 12-32V DC is required for this driver's input, and it is compatible with TIS DMX48CH or any other DMX master controller.





## PARTY EFFECT DMX AND MANUAL CONTROLLED LIGHTING

TIS's range of effect lighting is great for home or children's parties or play-rooms. Our lighting range can be mounted on a wall, but it is also available with a recessed ceiling adapter to achieve a seamless finish. It is the perfect accompaniment to the TIS range of speakers and audio controllers. Select effects by dipswitch for automatic operation, by internal microphone, or via our TIS-DMX module to add DJ party inspired effects. The range of party effects includes the following:

- Diamond
- Star
- Water Wave
- Flowers
- Moving Head
- Fire Fly Laser
- Grill Laser
- Light Beam





### Home Party Light HPD-LED-Stars

Fulfill your wish by visiting the stars from the comfort of your own home. Turn the lights down, switch on the party lights, and let your imagination take you on a ride through space.



### Home Party Light HPD-LED-Water

This multicolored lighting effect will make your guests think they are walking on water or climbing a volcano.



### Home Party Light HPD-ED-Diamond

Provides a multicolored RGB wide-angle diamond effect via the rotating crystal glass head.



### Home Party Moving Head Light HPD-LED-Square

Available in red, green, blue, or white, the compact moving head on these party lights brings the stage to your home.



### Home Party Laser HPD-LSR-Fire Fly

Provides a professional-quality red and green laser show in your living room or at your party.



### Home Party Light HPD-LED-Flower

Perfect for bringing the shape of nature indoors in a stunning lighting display, these multicolored lights guarantee that your guests will be impressed.





## MUSIC IS LIFE

TIS offers a complete and ultrafunctional series of home audio systems that guarantee an unparalleled listening experience. Our easy-to-install series of smart audio solutions are now available for you to enjoy.





## AUDIO MATRIX

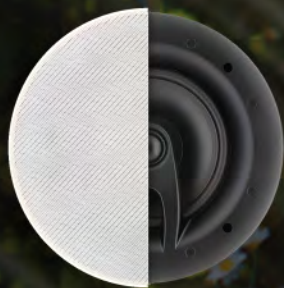
Din rail mounted small audio player with a built-in stereo amplifier of 2×20 watts, FM radio, SD card mp3 reader, USB mp3 reader, 2x auxiliary inputs, and a variable auxiliary output.



# Speakers

## 6.5" FRAMELESS CEILING SPEAKER

This ceiling-mounted speaker features a sleek design with a frameless grill, simple installation, and clear sound quality. 100 Watts, 8 ohms, 6.5" polypropylene with a rubber 1" Ferro fluid cooled silk dome. The grill cover is designed to be almost level with the ceiling, giving the finish a nice seamless look. It is also available with a square grill.



## OUTDOOR WALL-MOUNTED SPEAKER

The perfect choice for outdoors, the TIS wall speaker is weatherproof and wall-mounted; 100 Watts, 8 ohms, 4" polypropylene; available in black or white.







## ROCK SPEAKERS

TIS Rock Speakers are perfect for patios, pools, porches, decks, and backyards. Relax in a lawn chair or tend your garden while enjoying your favorite tunes in the fresh air.

Carefully designed to resemble natural rock, our Out-Back Rock Speakers blend into your lawn or garden surroundings. Each speaker's durable waterproof enclosure is environmentally tested and optimized for superior outdoor audio performance.







## CURTAIN CONTROL

Motorize your drapery and do whatever you want with the most convenience. No more pulling heavy curtains or operating cables and strings that get tangled up.

Enhance your lifestyle by making your curtains so easy to use that with the touch of a single button you can eliminate the sun's harmful rays from your room or give yourself instant privacy.

Looking for suitable curtains? Motorized curtains add distinction to any living space.

- You are free to choose any fabric and still experience the convenience and luxury of TIS automation.





## Roller, Blinds, and Shades Control

Motorize all types of interior window coverings, including roller or roman/woven shades, horizontal blinds, sheer, and draperies, with TIS motors.

TIS motors are also ideal for large, high, or hard-to-reach windows coverings.

Conveniently close or open all your blinds or shades at the same time, or perfectly position and align them to any percentage you choose with a touch of a button from your tablet, panel, or remote. No more tangled cables.





Our wide range of TIS standard modules include the following products:

- Panel Addition
- HVAC Module
- IR Emitter with Current Sensor
- 4 Digital Inputs
- TCP/IP Gateway with RS232 and 485 Interfacing
- Time Clock and Automation Module
- Security Module Power Supply
- Cable Manager
- KNX Converter
- Temperature Sensor Module





### HVAC VAV CLIMATE CONTROLLER MODULE

This module is designed to control both HVAC and VAV dampers. For HVAC output, there are 6 outputs, which are cool, heat, aux and low, medium, and high fan control). There is one 0-10V output for VAV control, as well as a connection for an external temperature probe.



### COMMUNICATION IP MODULE IP-COM-PORT

Used for communicating with the TIS system as well as connecting to a wireless gateway, which allows for integration with smart phone applications to control your living and work space. Using an IP-based communication system, no dongles or adapters are required. All you need is LAN or WAN if using a wireless router. Third-party integration via the RS232 and RS485 connection points allows your TIS system to become a total control solution for your environment.



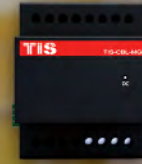
### TIME CLOCK AND AUTOMATION MODULE

Turn on your outdoor lights after sunset, open your curtains every morning in winter, automate your home depending on your lifestyle. The Automation Timer Logic Module with a built-in clock and 240 lines of logic programming comes with AND, OR, Xor, sunset, sunrise, and Azan triggering functions, device input output monitoring, flags and many other automation tools.



### TIS SECURITY MODULE

Enhance your safety and security by adding one module to your system. Arm all of your sensors with a single touch. This module can be divided to 8 security areas, supports 4 arming modes, and features a built-in clock for auto arming and disarming according to your lifestyle.



### TIS CABLE MANAGER

Din rail cable manager with 7 bus terminal inputs, used to arrange cables for neat and clean installation inside the distribution box.



### TIS POWER SUPPLY

Din rail power supply with robust heat sink, stable output voltage, output surge protection, and input tolerance proof.





## KNX TIS CONVERTER

TIS Smart Home Co, LTD and TIS Control Limited have developed the KNX TIS Module to make the integration between TIS and KNX easy. This module converts the KNX protocol to the TIS smart home protocol and vice versa.

All TIS smart home products, such as the Luna panel, lighting switches, and dimmers, can control the KNX actuator for lighting, dimming, and air conditioning. Also, a KNX panel can control TIS relays, dimmers, IR emitters, and HVAC modules for air conditioning control.

The TIS application for smart phones can also fully control KNX devices with the help of this module.





## TIS 4-Zone Digital Inputs

TIS-4Z-IN is a 4-zone dry input monitoring module that is used to detect any changes of external interface switches or relays. Uses of the 4Z range from security to energy management and some BMS integration monitoring. The third-party signals are converted to the TIS Bus protocol.



## IR Emitter with temperature Sensor

The TIS IR Emitter with in-built temperature sensor is our functional module to control home climate and AC system. Energy optimization, remote control over IR devices, and temperature/humidity regulation is among what the TIS (BUS) IR Emitter brings about. Equipped with an internal temperature sensor, this solution is suitable for big spaces with high sensitivity for climate management. Medical institutes and residential projects are good examples for application of this intelligent module.



## TIS 4 temperature sensor

The TIS 4T sensor is a newly designed solution by our digital experts that functions to advance climate control at home. This sensor helps preventing the risk of overheating/freezing small spaces since its temperature probes work based on an average index of temperature in different spots. This solution is app-enabled and remote control is one of its functional features for spa fans.

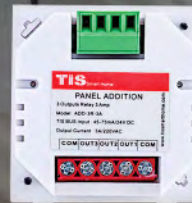


## Panel Addition

This series includes small modules coupled with Luna, Mars, and Terre panels to expand their performance.

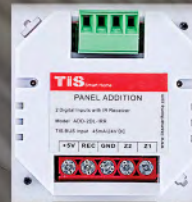
### Panel Addition 3-Relay 3-Amps

ADD-3R-3A is used to connect and control 3 lights or 1xFCU with 3 fan speeds—low, medium, and high—as well as the cool, heat, and fan function.



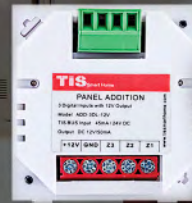
### Panel Addition 2 Digital Inputs With Infrared Receiver

ADD-2DL-IRR is a dry input interface similar to the 3DL and has external infrared receiver capabilities for automation control functions.



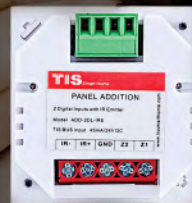
### Panel Addition 3 Digital Inputs With 12VDC Output

ADD-3DL-12V is a dry input interface that is used to monitor third-party devices, ranging from a mechanical rocker switch to relay, as well as PIR or smoke detector interfacing.



### Panel Addition 2 Digital Inputs With IR Emitter

ADD-2DL-IRE is used to control IR devices. The most common use is split AC control. It can learn up to 64 IR codes and requires an emitter probe, which is placed over the IR receiver of the unit being controlled.



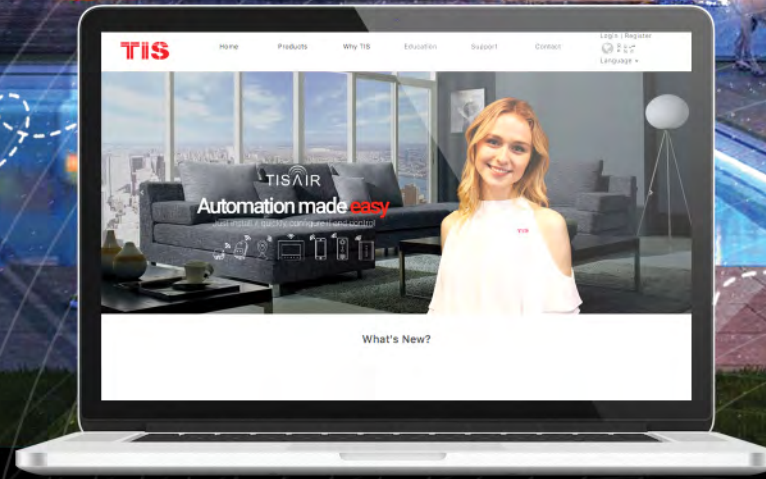






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**TIS**

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