TISAIR

Wireless Automation Product

www.tissmarthome.com

TIS

Automation made easy

TISAIR

Automation Made Easy

2018

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TISAIR

Automation made easy by TIS AIR system: just install , configure and enjoy ultimate control with the touch of a finger. Turn on your lights and, air conditioner and manage your connected appliances from your smart phone. Since TIS AIR works with standard WIFI 2.4 GHZ, it is easy to connect directly to your WIFI router and control it locally or remotely from anywhere. Also TIS AIR is fully compatible with TIS BUS products making your automation solution unlimited.

TIS AIR is an expandable automation system to which an unlimited number of devices can be connected wirelessly or combined with wired installation. Since programming time can be measured in hours, and there is no need for any rewiring, the TIS AIR system is your ideal automation solution.

Our TIS AIR product range is constantly expanding to be the leading wireless automation system in the world. Currently, TIS AIR covers the follwoing: touch panels, switches, dimmers,plug sockets,LED driver, power sockets, sensors,infrared controllers, video door phones, cameras, and the AIR-BUS convertor,which allows you to use any BUS devices available via WIFI, such as music players, energy meters and others.

MY HOME IS SMART H O M E

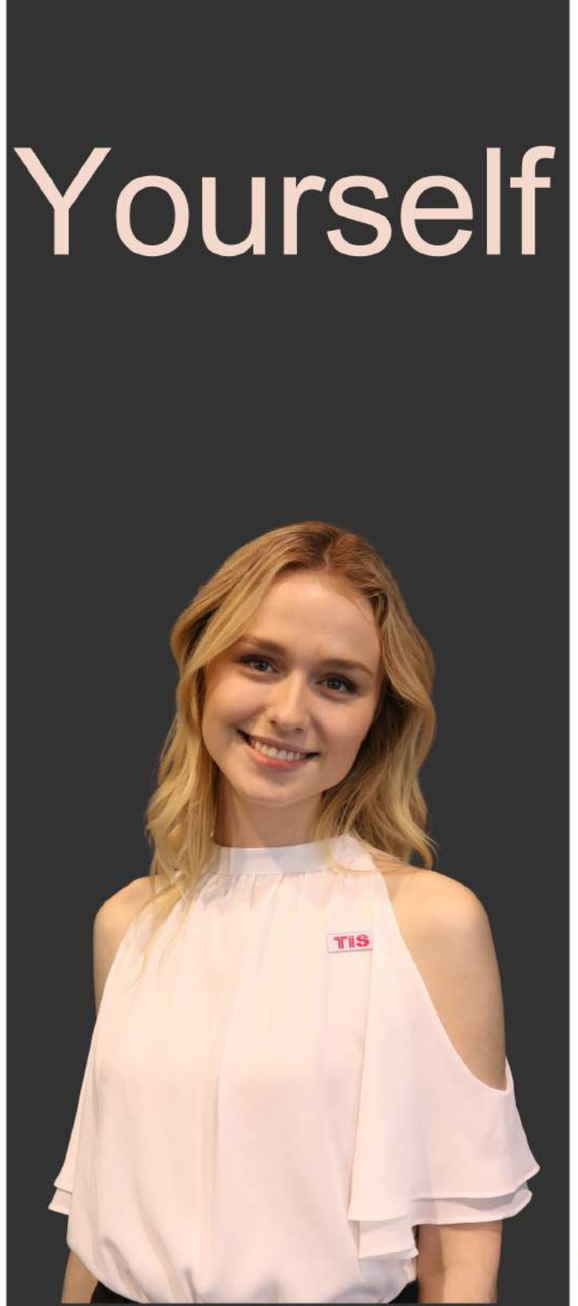
Simple to Program

TIS AIR mades home automation easy
for anyone.
Now you can take complete control over
your home or office without any prior
programming experience.
You can simply control and monitor everthing.

Do It Yourself

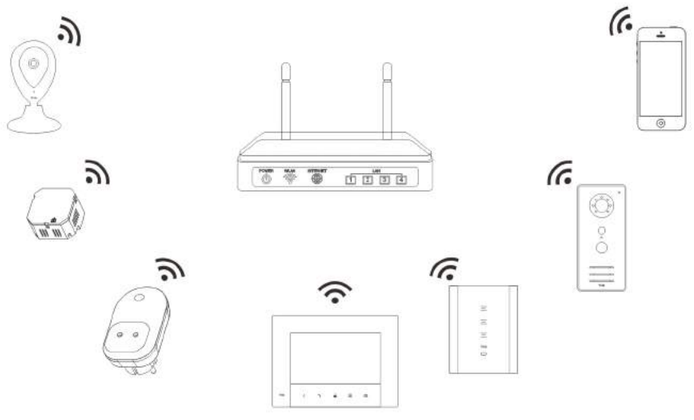
Easy to install

Installing the TIS AIR system doesn't
require any rewiring or renovation.
As an example, simply remove your
old light switch and replace it with a
TIS WIFI panel connected to your
existing wiring(L/N).Since the system
communicates via WIFI,you can easily
configure it from your smart phone,



Direct Link Extendable

There's no need for any extra gateway. TIS AIR panels and other AIR items can connect to the Internet directly, and you can control them from anywhere. All you need to do is install it and link it to the WIFI router at your home or office.



Range

To enhance the range of TIS AIR products , the WIFI antenna is positioned on the front of all devices.
The WIFI 802.11a standard can support a 115 ft (35 met) range indoors. However , keep in mind that calculating attenuation and wireless ranges indoors can be very tricky.
That's because inside your house, the WIFI signal bounces off obstacles and has to penetrate a variety of materials(like walls) that weaken the signal.

Extendable

If you have a big house, with many floors, you can use a wired WIFI extender to extend the wireless network into a far c orner of your home. Essentially, extenders carry the wireless signals through a wired connection (where there's less attenuation and interference) and then send out a strong wireless signal in the new location.

Smart Panels

VENERA

LUNA SERIES

MARS SERIES

TERRE

VENERA

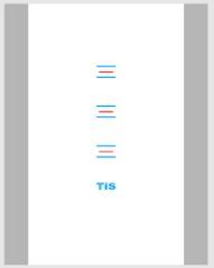
Venera Series

With its elegant and stylish glass design, our Venera Series panels allow you to control capacitive pads to switch lights ON/OFF, dim them, or control your air conditioning system. The Venera Series brings you intuitive control over a single room, or an entire building with its programmable abilities and DIY features. You can program your RGB LED indication levels,use a hand-held remote to control the lights, and, thanks to its built-in IR receiver, the Venera will connect directly to the TIS server without the need for gateway. You can control it locally or remotely from anywhere.

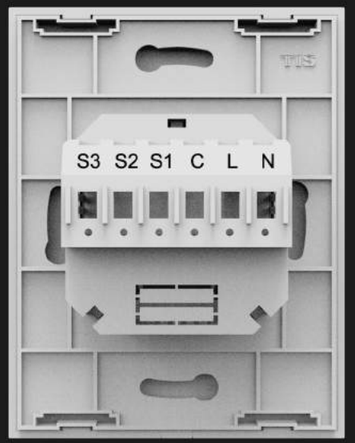
Supports all EU, UK, and US standard junction box size.
Available in black or white color (customized color and design can be done)
Dimensions:85x109x42.3mm

Venera Switch

Venera ON/OFF lighting panels are available in 2-3 button combinations that can control relay channels. You can also set it to control scenes by sending commands to other devices in the TIS system.



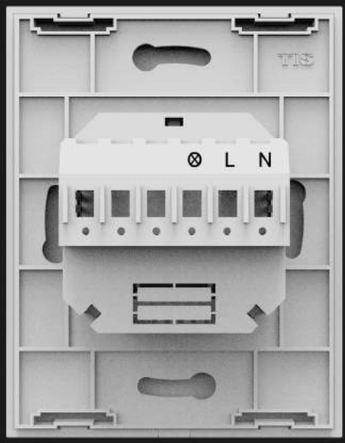
Model Number	VEN-3S-3R-HC	VEN-2S-2R-HC	VEN-xS-yR-HC	VEN-3S-3R-BUS
Working voltage	AC85-230V 50/60Hz	AC85-230V 50/60Hz	AC85-230V 50/60Hz	DC 12-32V
Output channel	3CH relay	2CH relay	yCH relay (y=1-3)	3CH relay
Input connection	Line & Neutral connection	Line & Neutral connection	Line & Neutral connection	Cat5E bus cable
Output current	8A 250VAC per CH	8A 250VAC per CH	8A 250VAC per CH	8A 250VAC per CH
Control buttons	3 button	2button	x button (x=1-3)	3 button
TIS AIR Module	Yes	Yes	Yes	NO



Venera Dimmer

VENERA Universal Dimmer
This is a 1-channel dimmer with 3 buttons that control ON/OFF, ramp up,and dim down.
Use both a line and a neutral connection to power on the Venera panel.
Capable of MOSFET dimming and switching, it can dim most load types.

Working voltage:AC85-230V50/60Hz
Output: 1channel
Output current: Channel Load ≤ 1.5A



VEN-1D-UV

Venera Thermostat

The VENERA AC thermostat is designed to allow for very simple control of your air conditioner using four standard touch buttons with an integrated 1-inch OLED display.
To adjust the temperature, simply press the up/down button to reach the desired temperature setting .

Ensuring that your desired temperature level is achieved, the panel-integrated thermal sensor is able to both display the current, temperature and maintain the room's settemperature.
With the Venera themostat you can control both your floor heater and FCU unit. Also, it can be programmed to control split AC or VRV AC.

Model Number	VEN-AC-3R-HC	VEN-AC-5R-LC	VEN-AC-4R-HC
Working voltage	AC85-230V 50/60Hz	DC 12-32V	AC85-230V 50/60Hz
Output channel	3CH relay	5CH relay	4 CH relay
Input connection	Line & Neutral connection	FCU 7 wires connection	Line & Neutral connection
Output current	8A 250VAC per CH	1A 24VDC per CH	3A 250VAC per CH
TIS AIR Module	Yes	Yes	Yes

LUNA SERIES

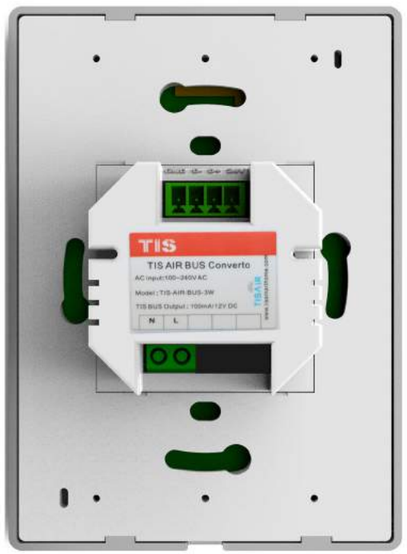
The Luna Panel Series is available in 3 product ranges—as a 9-Button touch panel interface, a Bedside panel with a climate control thermostat, or the top-of-the-line Luna TFT with audio and climate control and a ustomisable multipage interface that includes security-arming features.

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

Luna TFT LCD Panel

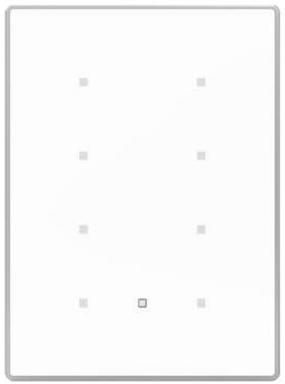
This series is available in two colors—black or white—or it can be customized to any color that suits your style. Our Luna interfaces are coupled with our AIR BUS Convertor, which can be linked to the TIS AIR.

The Luna Series is designed to fit any box (Australia, UK, Europe and US standards).



Luna bedside

This 4.3” panel features 12 buttons, a temperature sensor,and a 1” OLED screen and offers a stylish interface for managing climate, lighting, and moods in a simple way for any guest.

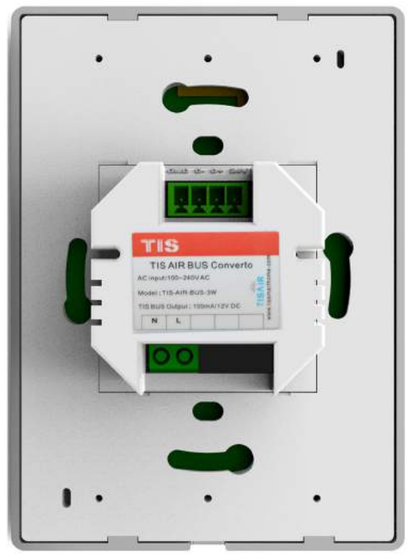


Luna 9G

This 4.3” panel features 9 buttons offers a stylish interface for managing lighting,motors, moods and other third-party devices.

This series is available in two colors—black or white—or it can be customized to any color that suits your style. Our Luna interfaces are coupled with our AIR BUS Convertor,which can be linked to the TIS AIR.

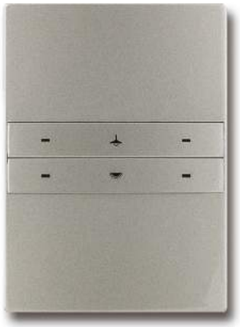
The Luna Series is designed to fit any box (Australia, UK, Europe and US standards).



MARS SERIES

The MARS Panel Series are available in 3 product ranges and 7 different colors to suit your color scheme. This includes the executive line, which offers audio, climate, and lighting control capabilities all in one panel.

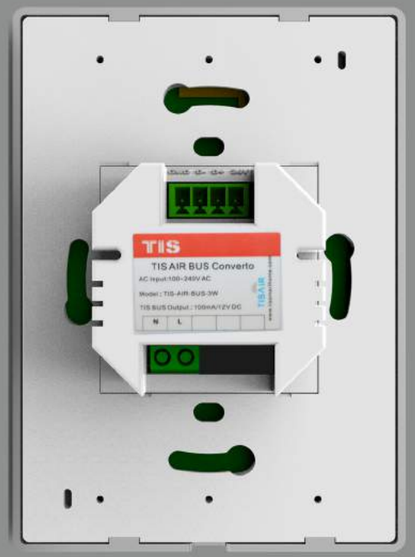
Mars 10 Gang+AC
With 10+2 buttons and a 1" OLED high-resolution screen and built-in temperature sensor, this option offers a stylish interface for managing lighting, climate, motors, moods, and music. It will also display reminders.



With multiple button options and 2 LED color options for each button,this panel features built-in IR receiving functionality, which can receive signals from the TIS-MRC handheld remote control to manage lighting, motors, moods, and more.

Available in Jet Black, Seashell White, Antique Bronze, Champagne, Natural Coal, Titanium, and Pale Silver, or the color can be customized to suit any style.
Our Mars interfaces are coupled with an AIR BUS Convertor to link to TIS AIR.

The Mars series is designed to fit any back box (Australia, UK, Europe, and US standards).



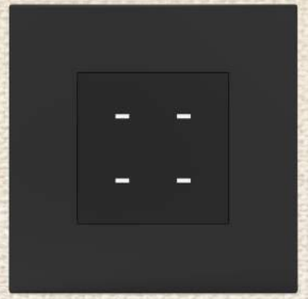
TERRE

The Terre Series includes wall panels and sockets, available with glass, plastic, wood, leather, stone, or metal finishes;available as a 4-button touch-screen panel. interface, thermostat touch panel,music touch panel,1 gang switch, 2 gang switch, bell switch, and with many sockets include, EU power socket universal power socket, USB charger,speaker connector,telephone, TV male / female, data, LED indicator and blank plate socket.

The Terre Panel is designed to fit UK and Europe box tandards.

Terre 4 Gang touch panel

A simple 4-button touchscreen with backlight to control your room lights, curtains, and moods.



Terre Air Conditioning Control Panel

Control your room temperature, fan speed, floor heater, or split air conditioning with the touch of a button. It will also display reminders and alerts via the high-resolution 1" OLED screen.

Terre Music Control Panel

Display your music tracks and control your TIS audio player from the user-friendly Terre interface panel. It will also display reminders and alerts via the high-resolution 1" OLED screen.

OBERON

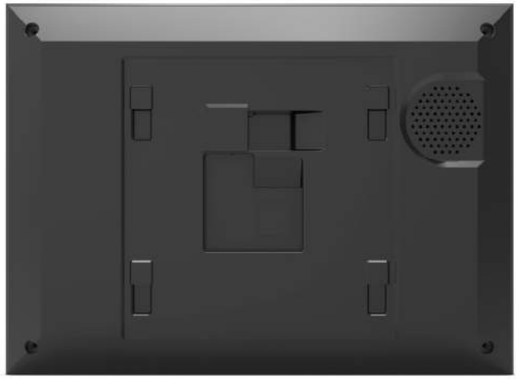
DOOR PHONE SYSTEM

Oberon is an IP-based digital video door phone system. With its server connection function, you can answer your door from anywhere, open the door, and monitor it at any time.
Oberon contains many devices, including an indoor touchscreen unit and outdoor calling centers.

Indoor 7" Touch Screen

Answer your door, monitor your cameras, call another neighbor's unit or the security guard, and control your home automation all with Oberon's elegant and user-friendly 7" touchscreen.

Model: TIS-IP-INT-IN-7TS
WIFI Standard / Rj45 terminal
7'TFT-LCD 800x480 Pixel
Capacitive touchscreen
Input Voltage: 12-24V/DC
Dimensions : 276mm x 149mm x 20mm



OBERON Building Intercom

Building Digital Outdoor Video Door Phone

Oberon digital coding building outdoor video door phone is an IP-based door phone for buildings or towers with 10 to 1000 units. It will call the Oberon indoor monitor screen in each unit, while the screen will forward the call to your smart phone application so that you can answer your door from anywhere with your mobile phone.
The outdoor unit comes with an RF card reader, digital camera, and night vision.

Model : TIS-IP-INT-OUT-TWA
Input Voltage:12V/DC / 3A
Ethernet: Rj45 terminal
Dimensions : 405mmL x 145mmW x 58.5mmH

OBERON 4-12 units Intercom

Used for smaller buildings with 4-12 units, it will call Oberon's indoor monitor screen in each unit. The screen will also forward calls to your smart phone so that you can answer your door anywhere. The outdoor unit comes with an RF card reader, digital camera, night vision, and backlight label.

Model : TIS-IP-INT-OUT-12G
Input Voltage: 12V/DC / 3A
Ethernet: Rj45 terminal
Dimensions :
300mmLx127mmWx32mmH

OBERON Outdoor 1 Unit Door Phone

Used to call 1 unit, such as an apartment or villa, this can be installed outdoors or indoors.It will call Oberon's indoor screen in each unit. The screen will also forward the call to you smart phone so that you can answer your door anywhere.

Model: TIS-IP-INT-OUT-VDP
Input Voltage: 12V/DC / 3A
Ethernet: Rj45 terminal
Dimensions :
165mmLx75mmWx31mmH

WIFI DOOR BELL

With WIFI Doorbell, you are always at home.

See who's there from anywhere; it's like you're home even when you're not.

Enhanced Technology

Working in both WIFI LAN and Internet-connection mode, you can add the TIS chime as an extension of your WIFI Doorbell, letting you know you have a visitor even when your phone is off.

SECURITY

Notifies you when someone is on your property, and lets you see and speak with anyone,helping to prevent break-ins from taking place.

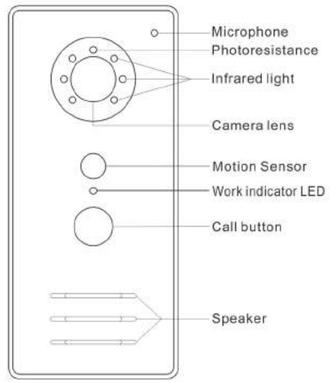
MONITORING

No need to wonder if something is going on outside your home—see for yourself.

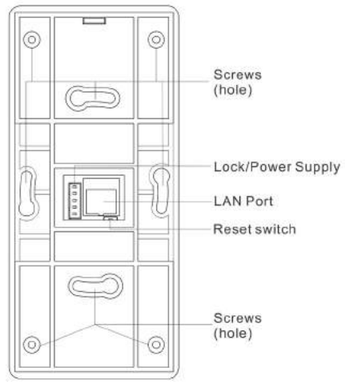
CONVENIENCE

You shouldn't have to arrange your life around waiting on your visitors.

Model: TIS-VDB-SIP7
Input Voltage: 12V/DC / 3A
Ethernet: Rj45 terminal / WIFI 2.4 Ghz
Dimensions : 165mmLx75mmWx31mmH



Front view



Rear view

IOOI

WIFI Indoor Robo Camera

Designed to secure your home with an SD-card recording function,night vision,microphone and speaker, allowing you to see, hear, and talk. You can use it as a baby monitor and as a communication device with your family.Also,you can control and monitor it with the TIS application and receive messages when the camera's motion detection is activated.

Model: ROBO-CAM-1001

AIR Controller

AS SIMPLE AS THAT

Power Socket
Relays
Dimmers
Infrared Emitter
Motion Sensor
Digital Inputs
Curtain Control
AIR BUS Gateway

AIR Power Socket

Plug your TIS-AIR Socket into any table light, fan, electric heater, or other home appliance and control it from anywhere. Available as an on/off switch socket or dimming socket. No need for a gateway or additional hardware. TIS Socket is very simple to monitor and control with your smart phone or by other panels and touchscreens.

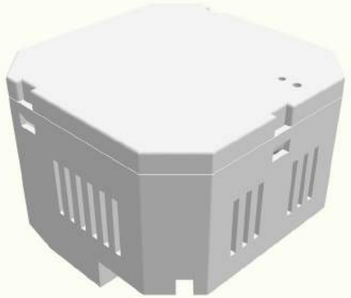
Air-Socket-S ON/OFF Socket
Air-Socket-D Dimmer Socket

Model Number	Air-Socket-S	Air-Socket-D
Working voltage	AC85-230V 50/60Hz	AC85-230V 50/60Hz
Output channel	1 CH Relay	1 CH Dimmer
Output current	16A 250VAC	CH Load ≤ 1.5A
TIS AIR Module	Yes	Yes

UK US EU

AIR Dimmer & Switch Module (ADS)

Install it anywhere and link it to WIFI

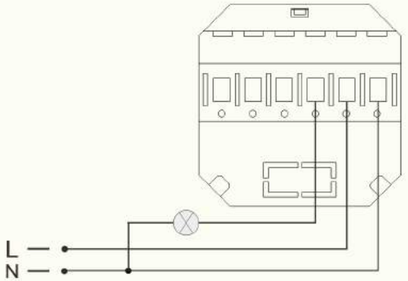


The TIS ADS range provides relay and dimmer controllers that are basic in any automation system. It is suitable for everything from controlling and dimming LED to florescent lights or changing the color of LED strip lights. It can also be used to control curtain motors, gates, or other home appliances.
With an expected service life of more than 25 years, you can rest assured that your automation system will last for a long time.

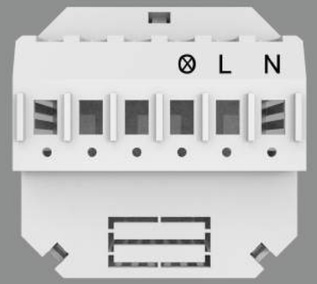
Dimensions:49x49x36mm

ADS Dimmer

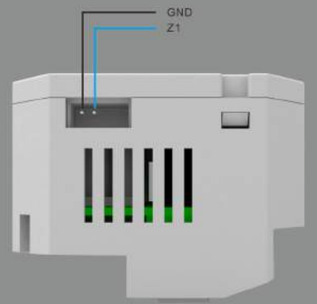
Use both a live and neutral connection to power on the ADS Module.
Capable of MOSFET dimming and switching, and can dim most types of loads.



Working voltage:AC85-230V 50/60Hz
Output:1channel
Output current:Channel Load ≤ 1.5A



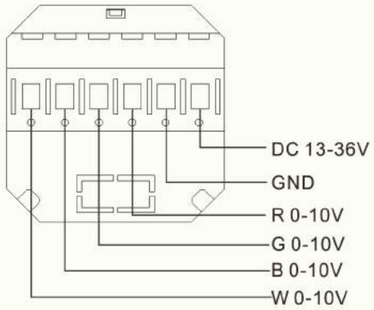
ADS-1D-1Z



Digital input is linked to traditional push button for dimming

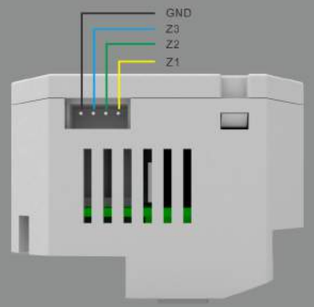
ADS LED RGBW

The ADS RELAY is used to control 0-10V LED Driver. The four-channel dimmer can dim 4 channels of 0-10V drivers connected to different LEDs or florescent lights, or it can control the color of a single red, green, blue, or white color strip.



Input voltage : DC 13-32V
0-10VDC output for each channel : 0-30mA

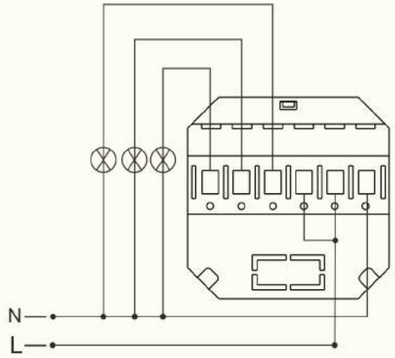
ADS-4CH-0-10V



Digital input is linked to a traditional push button for dimming.

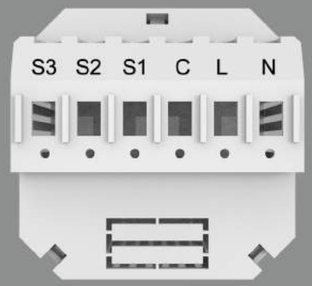
ADS RELAY

Used to control lights ON/OFF, FCU, curtain motors,and to turn other appliances ON/OFF

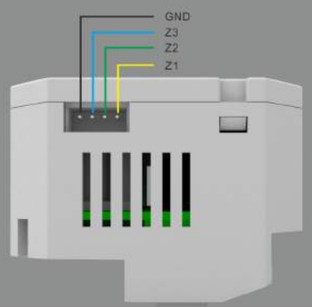


ADS-3R-3Z lights connection diagram

Model Number	ADS-3R-3Z	ADS-2R-2Z	ADS-3R-BUS
Working voltage	AC85-230V 50/60Hz	AC85-230V 50/60Hz	AC85-230V 50/60Hz
Output channel	3CH relay	2CH relay	3CH relay
Input connection	Line & Neutral connection	Line & Neutral connection	Line & Neutral connection
Output current	8A 250VAC per CH	8A 250VAC per CH	8A 250VAC per CH
Digital dry inputs	3	2	N/A
TIS AIR Module	Yes	Yes	N/A
TIS BUS Port	N/A	N/A	Yes



ADS-3R-3Z

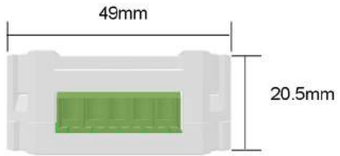


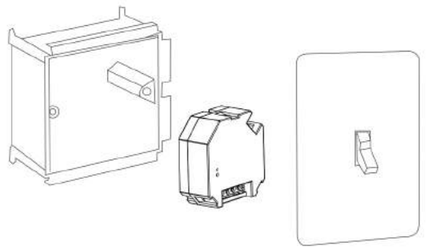
Digital input linked to a traditional push button for control.

AIR Coupler Module

Air Couplers are small size modules installed mainly behind traditional switches to convert them into smart switches, allowing for the control of any TIS AIR device.

ACM-2R-2Z



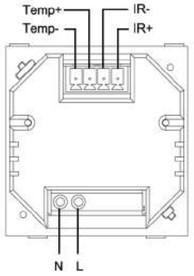


Model Number	ACM-2R-2Z	ACM-1R-1Z	ACM-1D-1Z
Working voltage	AC85-230V 50/60Hz	AC85-230V 50/60Hz	AC85-230V 50/60Hz
Output channel	2CH relay	1CH relay	1 Universal Dimmer
Input connection	Line & Neutral connection	Line & Neutral connection	Line & Neutral connection
Output current	5A 250VAC per CH	5A 250VAC per CH	1A per CH
Digital dry inputs	2	1	1
TIS AIR Module	Yes	Yes	Yes

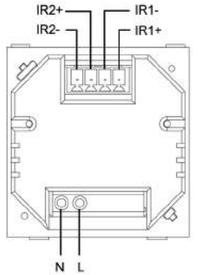
Dimensions:49x49x20.5mm

AIR Infrared Emitter

Control your split air conditioner or television and other appliances from TIS wall panels or your mobile device.
The TIS infrared emitter is designed to control all infrared devices and appliances to bring you a centralized management solution for your home theater devices.

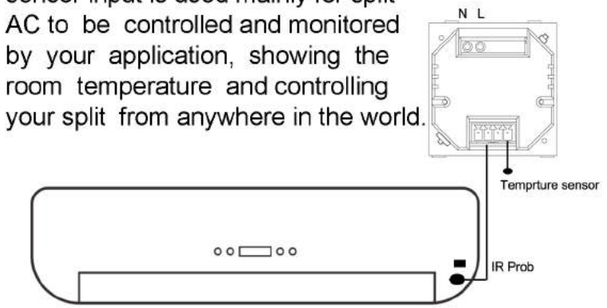


AIR-1IRE-T

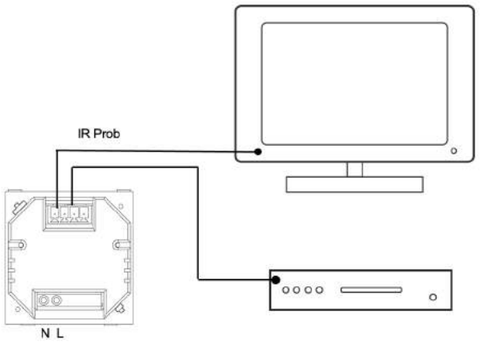


AIR-2IRE

The AIR-1IRE-T with one infrared emitter port and one temperature sensor input is used mainly for split AC to be controlled and monitored by your application, showing the room temperature and controlling your split from anywhere in the world.

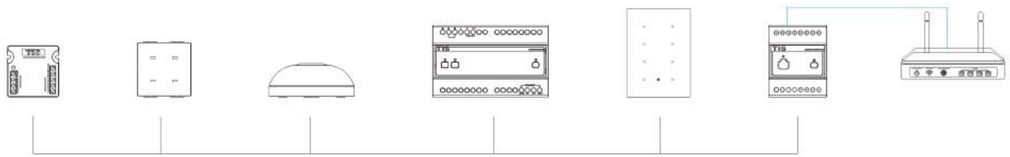


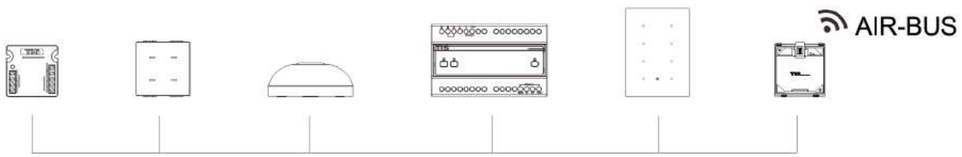
The AIR-2IRE with 2 separate infrared ports is used for home theaters and to control 2 devices with the same brand separately with the ability of 2 ports of infrared sending by one device.



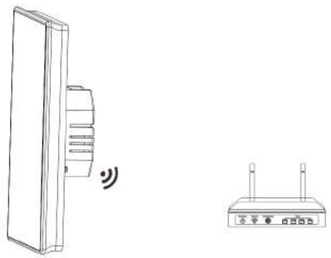
TIS AIR BUS

Designed to bridge the gap between wired and wireless Bus installations, the mini converter enables fast and efficient upgrades to be completed almost instantly.
With automatic address setting, all you need to do is connect the converter to your selected wired module and configure it by using your Android or iOS device.
Air Bus is a module designed to link between wired TIS-BUS systems and wireless TIS-AIR installations.



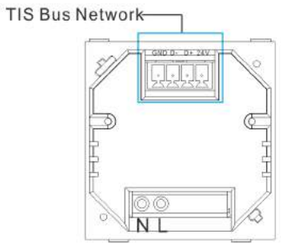


It can be installed as Din Rail and link TIS-BUS devices to WIFI, or it can be installed as a panel addition behind the Luna, Mars, or Terre Series to convert them to WIFI AIR Panels.



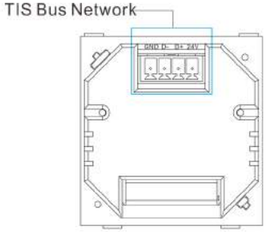
TIS AIR BUS comes with or without Power supply:

TIS-AIR BUS-3W (with power supply) works with AC 85-230V



AIR-BUS-3W

TIS-AIR-BUS (without power supply) works with Bus DC 24V ;



AIR-BUS

Sensors

The AIR-ES-IR is a ceiling mounted PIR motion detector with 180-degree infrared emitters and one lighting relay switch channel. It also has 32 logic lines,which allow for and support integration.
Its logic capabilities allows you to maximize energy savings by controlling the climate and ensuring the most efficient use of your systems when required.

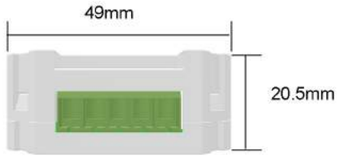
AIR Energy Servant Sensor

The AIR-PIR-CM is a motion detector with one lighting relay switch, which is suitable for areas that only require motion detection.

TIS AIR PIR Motion Sensor

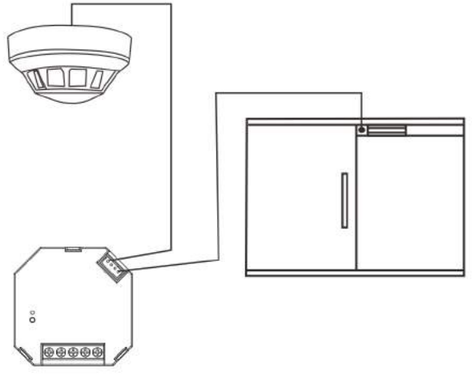
AIR 3 Channel Digital Inputs

ACM-3Z-IN AIR three-channel digital inputs is a WIFI module that enables you to convert a traditional switch into a smart switch capable of controlling any TIS Air device. Also, it can be connected to other sensors and used for door and window security,N/C N/O PIR detectors, TIS Water Leakage detectors, and any dry contact signal linked to it.



Dimensions:49x49x20.5mm

ACM-3Z



Roller, Blinds and Shades Control

Motorize all types of interior window coverings, such as rollers or Roman/ woven shades, horizontal blinds, sheers, and draperies, with TIS motors.

TIS motors are also ideal for large, high, or hard-to-reach window 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 up cables.

Curtain control

Motorize your drapery so that you never again have to pull heavy or hard-to-reach draperies. No more cables to operate or strings that get tangled up.
Enhance your lifestyle by making your curtains so easy to use that by the touch of a single button you can eliminate the sun's harmful or gain instant privacy.

Considering a curtain for your home? Motorized curtains add distinction to any living space.

You can use any fabric and design of your choice and still experience the convenience and luxury of TIS automation.

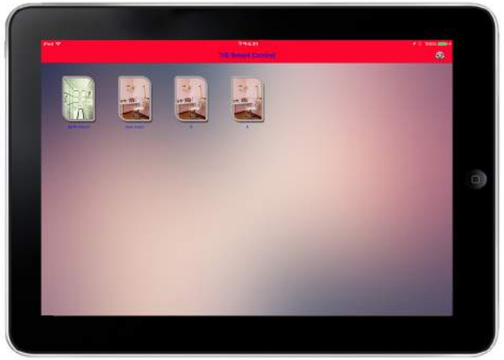
TIS

APPLICATIONS & SOFTWARES

I CAN
CONTROL
MY HOME
FROM
MY
I WATCH

iOS application

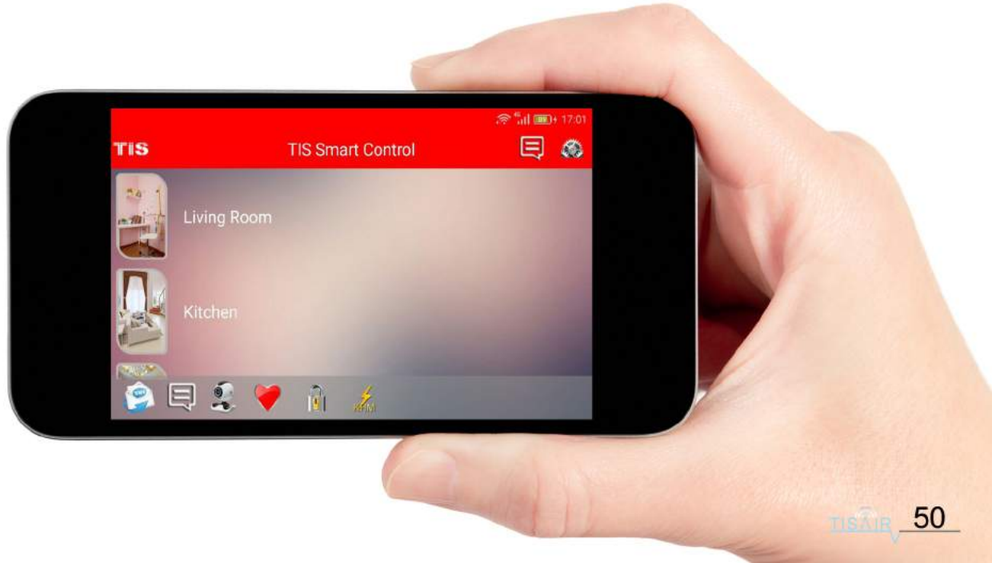
TIS offers a free application for your iPad, iPhone, and iWatch to controlall TIS products,making yourhome lighting, climate, and security management simple to control from anywhere.



Android Aplication

Our Android app suits any Android-enabled device and provides a simple DIY application to control all your home lighting, climate, security, curtain, and other needs.

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



Where you can buy

USA
Texas Intelligent System LLC

Hong Kong Head office
TIS Control Limited

China
Guangzhou TIS Automation Technology

Morocco
TIS Smarthome Maroc SRL

Vietnam
TIS Viet Nam Smart Equipment JSC

Turkey
TIS Muhendislik Teknoloji

United Arab Emirates
Smart Living Electronics Trading L.L.C

Maldives
Morelink Pvt LTD

Mexico
CB LED ILUMINACION

Russia
Diatonik LTD

Pakistan
Tera Generation Solutions Pvt Ltd

India (North Region)
Mayfair Enterprises

Inida (Gujarat State)
Swastik Home Automation

Inida (South Region)
SeQure Sustainable Solutions

Indonesia
PT. Aces Digital Multitrada

Myanmar
Diginet International Co.,LTD

For more information please contact us by info@tissmarthome.com
or visit us at www.tissmarthome.com & www.tiscontrol.com

Authorized Dealer