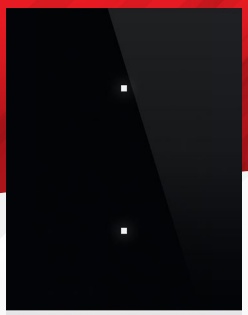
INSTALLATION MANUAL

TIS VENERA SERIES

2/3 Gang Touch Switch

Model: VEN-3S-3R-HC, VEN-2S-2R-HC

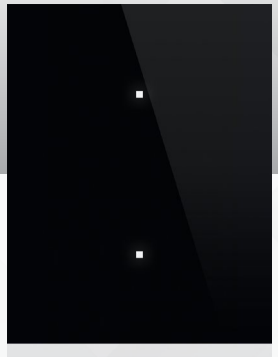
TIS CONTROL EVERYTHING

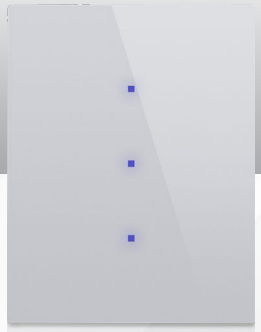


PRODUCT INFORMATION

This product is a wall switch with touch buttons designed for lights and scene control. It offers customizable backlit color and covers for an easy combination with interior schemes.

PRODUCT SPECIFICATIONS			
	Power Supply	Input voltage Output power Protection Current consumption	110-230 VAC 50/60 Hz 3W / 12V Internal protection fuse 10-30 mA / 12 V DC
	Output	Number of channels Nominal voltage Nominal current per channel	2 / 3 (refer to model number) 110 / 230 V AC 50/60 Hz 8 A / 230 VAC
	Output switching current	Max switching current Output service life Output switching times	10A/230 VAC resistive 6A/230 VAC florescent 8A/230 VAC 277VAC / 30VDC
	Output service life	Mechanical endurance	> 10,000,000 OPS
	Output switching times	Operating time Releasing time Max. operating frequency	8mS (at nomi. Volt) 5 mS (at nomi. Volt) 25 cycle/min
TISAIR	**TIS AIR**	WIFI signal Protocol standard	2.4 GHz 802.11 b/g/n
	Operation	touch buttons Infrared receiver Backlight TIS AIR Upgrading	4 touch Capacitive buttons for control … Control it by TIS remote control RGB backlight indicators TIS protocol messages and commands By WIFI Connection
	Dimensions	Length × Width × Height	85mm × 42mm × 109mm
	Housing	Materials Internal parts color IP rating	Fireproof PC/ Glass in front Black or White IP 50





CE RoHS COMPLIANT FC

Read Instructions

We recommend that you read this Instruction Manual before installation.

Mounting Location

Install in a dry, indoor area with a suitable temperature and humidity range.

Safety instructions

Electrical equipment should only be installed and fitted by electrically skilled persons.
Failure to observe the instructions may cause damage to the device and other hazards.
These instructions are an integral part of the product and must remain with the end customer.

Electrical Wires

The recommended wire size for light channels is 2.5mm, for the Line, Neutral, and Load cables. The installer should consider the total current consumption when selecting the wires.

Warranty

There is a two-year warranty provided by law. The hologram warranty seal and product serial number are available on each device.

Programming

This device can be tested and programmed manually. Advanced programming requires knowledge of the TIS Device Search software and instruction in the TIS advanced training courses.

Simple Installation

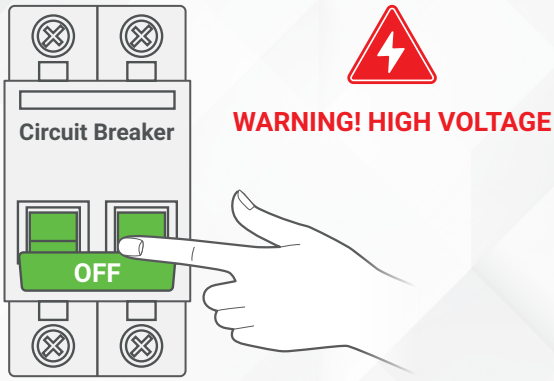
You can use 2 screws to install this panel on wall; it fits on most junction box sizes.

TIS CONTROL PTY LIMITED
SA , AUSTRALIA

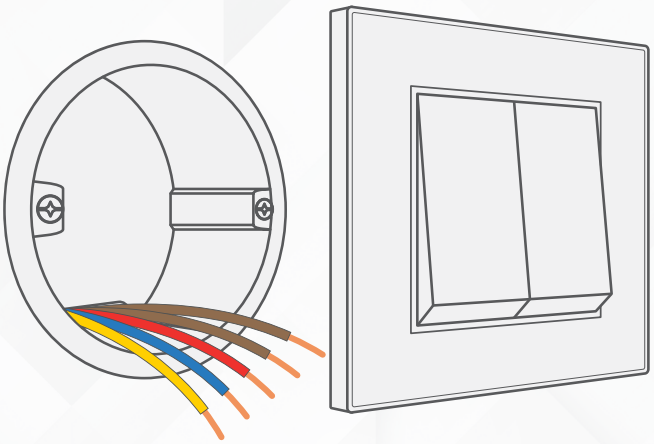
TIS CONTROL LIMITED
Wanchai, Hong Kong

INSTALLATION STEPS

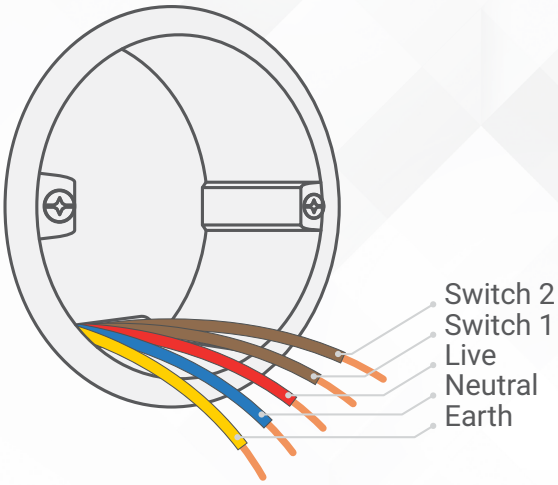
1 Turn off the power at the main circuit breaker to turn off voltage supply to the switch.



2 Remove the switch cover. Unscrew and pull the wall switch out. Take the wires out of the load and line.



3 There should be a total of 3-5 wires (3 wires if 1 gang, 4 wires if 2 gangs, 5 wires if 3 gangs). Find the neutral wire.



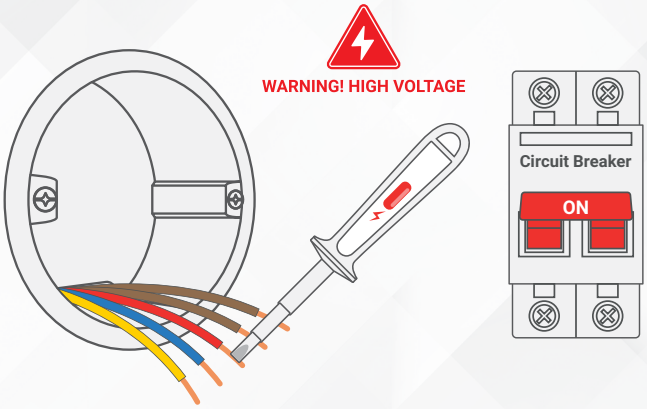
TIS CONTROL PTY LIMITED
SA , AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong

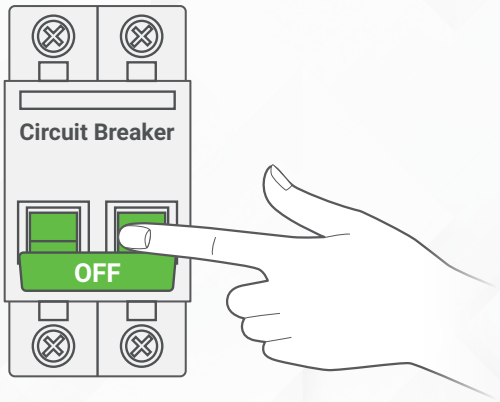
www.tiscontrol.com

INSTALLATION STEPS

4 Turn on the power at the main power breaker, and carefully identify the live wire using a voltage tester.

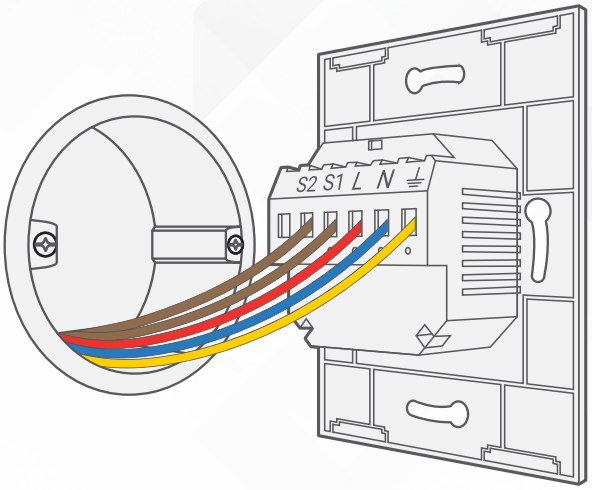


5 Turn off the power at the main power breaker again to turn off the voltage supply to the switch.



6

- Attach the neutral wire to the N terminal.
- Attach the live wire to the L terminal.
- Attach the Switch 1 wire to the S1 terminal.
- Attach the Switch 2 wire to the S2 terminal.
- Attach the Switch 3 wire to the S3 terminal.

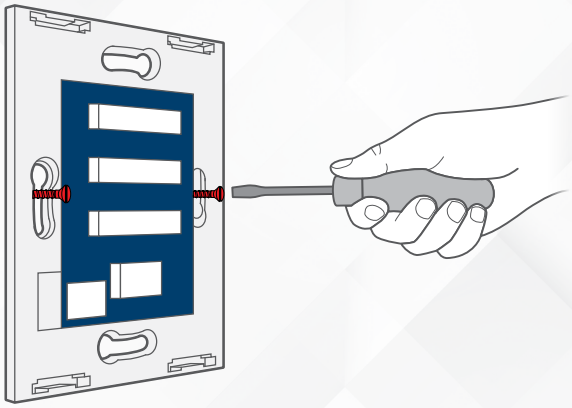


TIS CONTROL PTY LIMITED
SA , AUSTRALIA

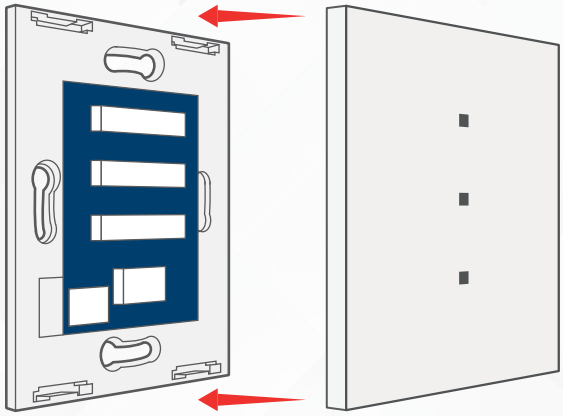
TIS CONTROL LIMITED
Wanchai, Hong Kong

INSTALLATION STEPS

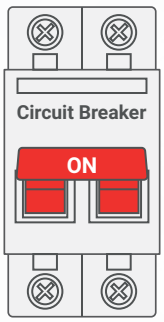
7 Insert the Venera panel and the wires in the box, and secure the panel using 2 screws.

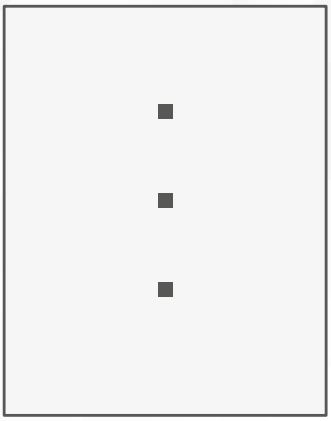


8 Install the Venera panel's top cover as shown in the picture.



9 Install the Venera power, and turn the breaker on. The panel should turn on.





TIS CONTROL PTY LIMITED
SA , AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong

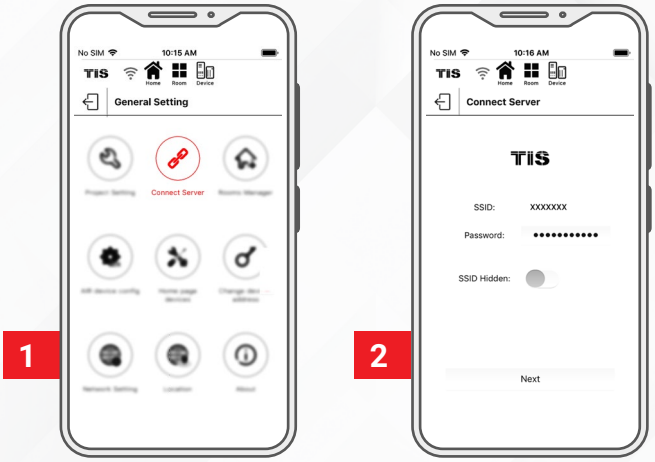
SERVER LINKING

In order for a project to be fully linked to the TIS server, server configuration must be enabled in just 1 product within that project.

If you have already done that with any other panel, just ignore these steps and proceed to configuration steps.

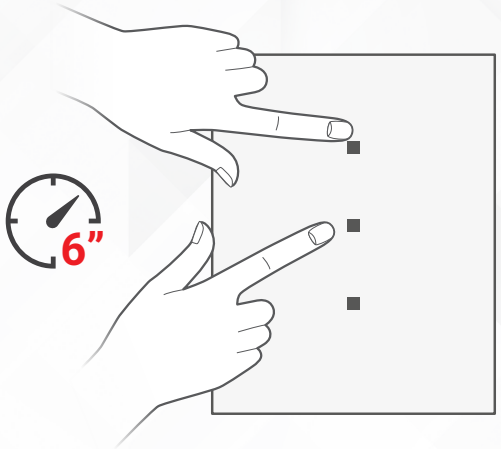
To do the server linking, complete the following steps:

1 In the TIS App, go to Settings ▶ Connect Server, and follow the steps by entering your SSID password.



2 On the Venera panel, touch and hold buttons 1 & 2 for 6 seconds. The buttons will start blinking.

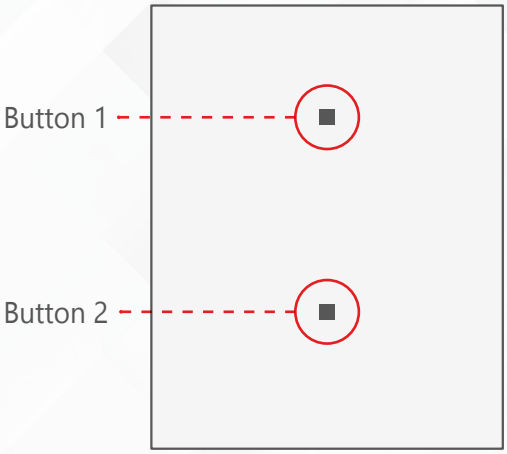
(To see the position of buttons 1 & 2 on different models please refer to page 7.)



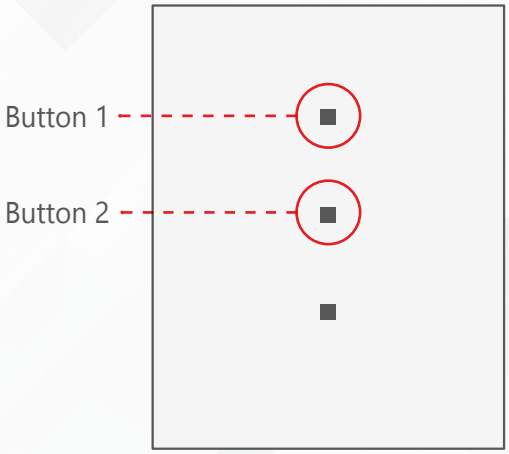
TIS CONTROL PTY LIMITED
SA , AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong

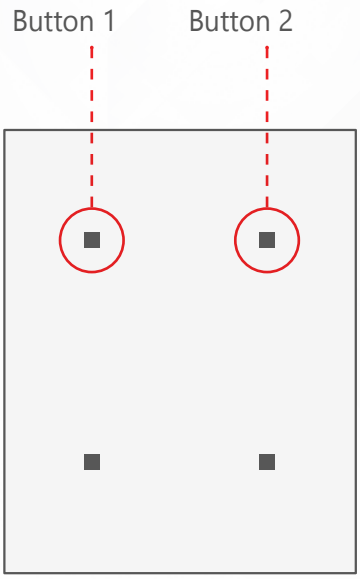
POSITION OF BUTTONS 1 & 2



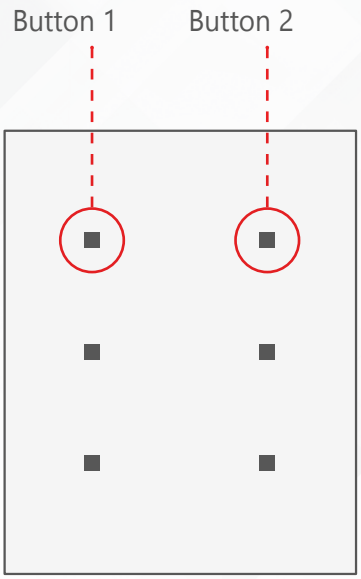
VEN-2S-2R-HC



VEN-3S-3R-HC



VEN-4S-4R-HC



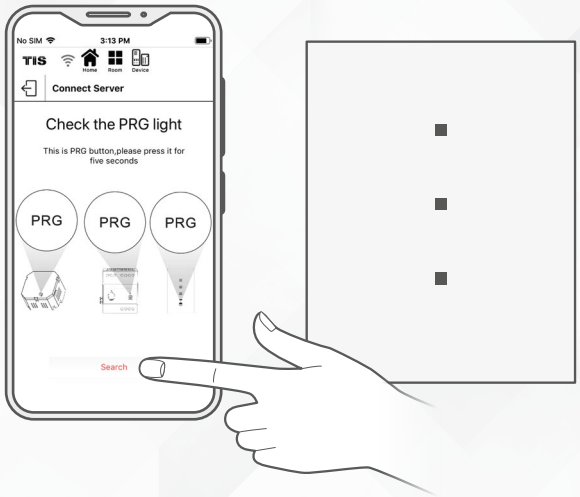
VEN-6S-HC

TIS CONTROL PTY LIMITED
SA , AUSTRALIA

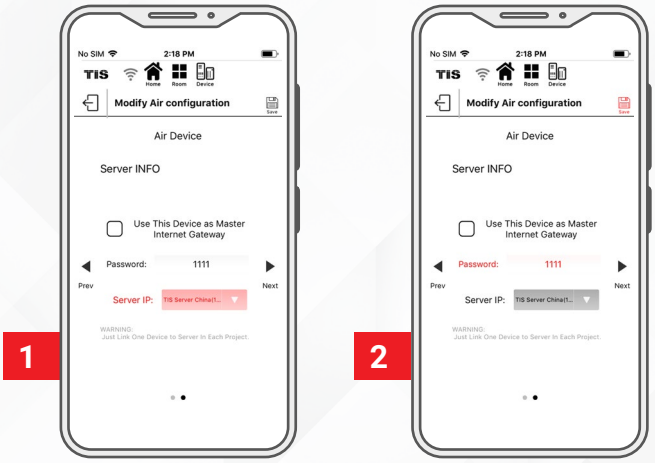
TIS CONTROL LIMITED
Wanchai, Hong Kong

SERVER LINKING

3 On the TIS app, press Search and wait for a few seconds. The panel will link to your WiFi, and the buttons start blinking.



4 Select your server option and 4-digit password. Then, press Save.

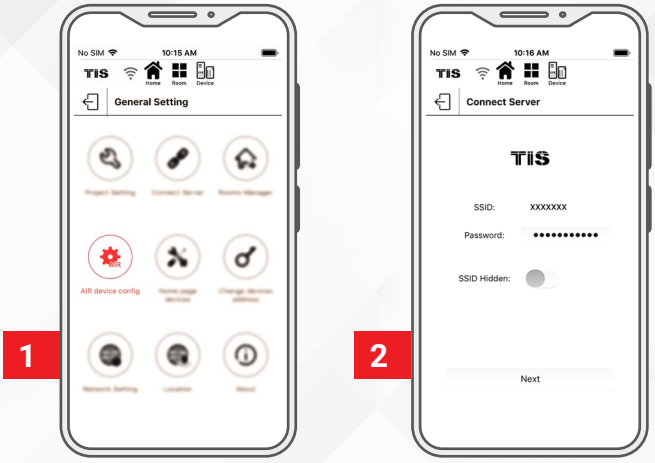


TIS CONTROL PTY LIMITED
SA , AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong

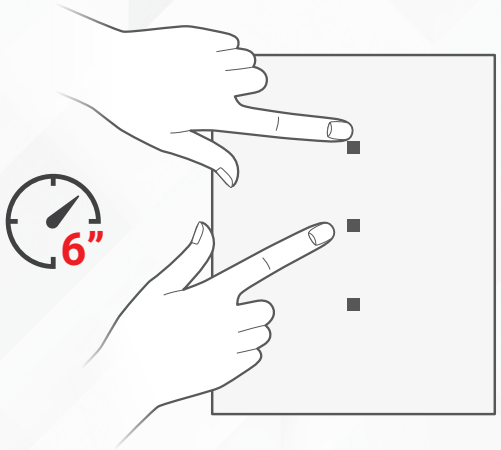
CONFIGURATION STEPS

1 In the TIS App, go to the settings and select TIS Air config and enter your SSID password.

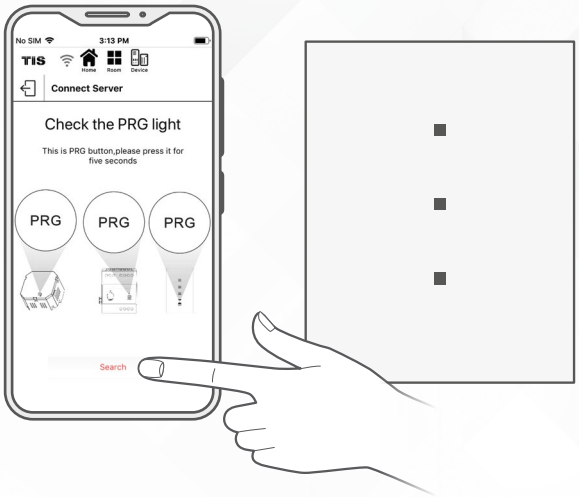


2 On the Venera panel, touch and hold the buttons 1 & 2 for 6 seconds; The buttons will start blinking.

(To see the position of buttons 1 & 2 on different models please refer to page 7.)



3 On the TIS app, press search and wait for a few seconds, the panel will link to your WiFi and the buttons will start blinking.

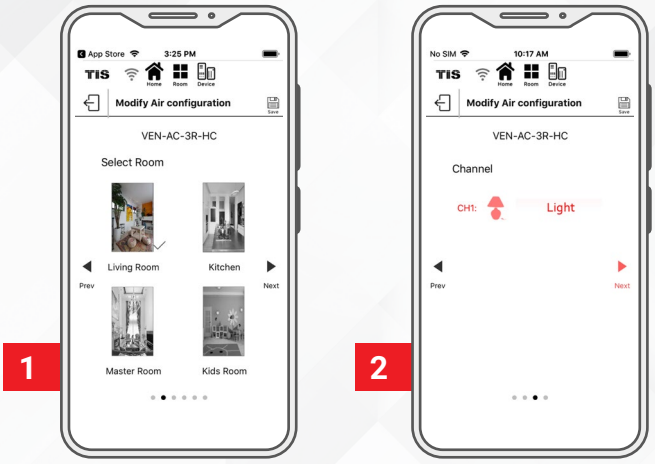


TIS CONTROL PTY LIMITED
SA , AUSTRALIA

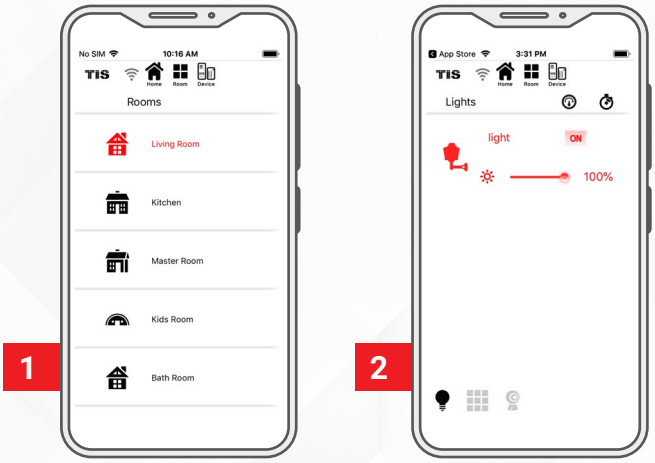
TIS CONTROL LIMITED
Wanchai, Hong Kong

CONFIGURATION STEPS

4 Select the room and then select channel names and icons.



5 Go to the configured room's page and start controlling.



TIS CONTROL PTY LIMITED
SA , AUSTRALIA

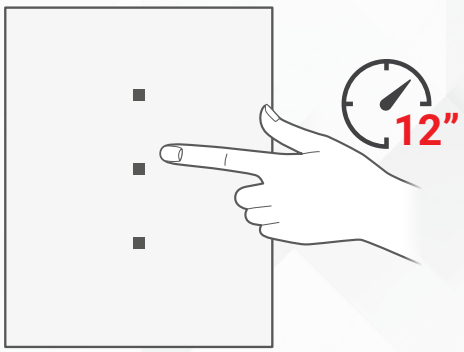
TIS CONTROL LIMITED
Wanchai, Hong Kong

PAIRING (MANUAL PROGRAMMING)

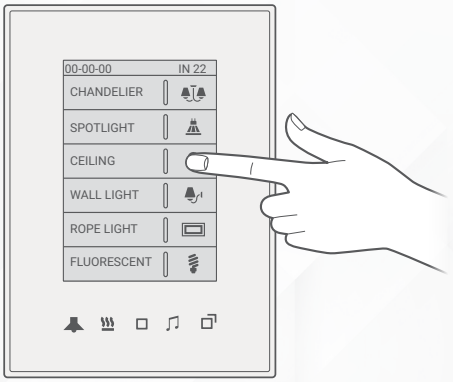
OTHER DEVICES THAT CAN CONTROL VENERA RELAYS

To pair the TIS Venera AIR Switch with any TIS wall panel buttons, do the following:

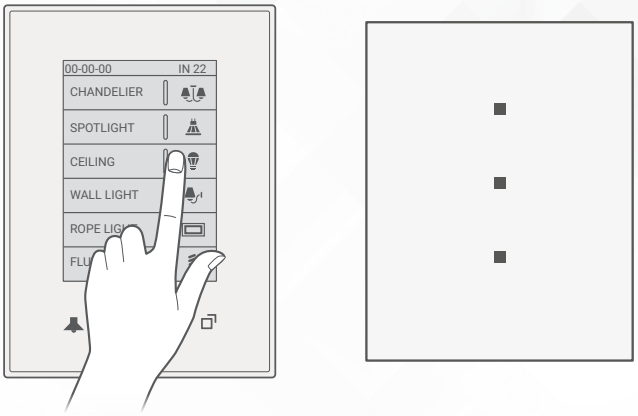
1 Touch on the button for which you want to program its relay on Venera for 12 seconds (for example, if you need to program relay 2, then touch button number 2) until you see the button LED start blinking.



2 Go to any other wall panel and short press on any lighting button.



3 Test by touching on the wall panel’s ON/OFF button. The Venera relay should respond by turning ON and OFF accordingly.



TIS CONTROL PTY LIMITED
SA , AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong

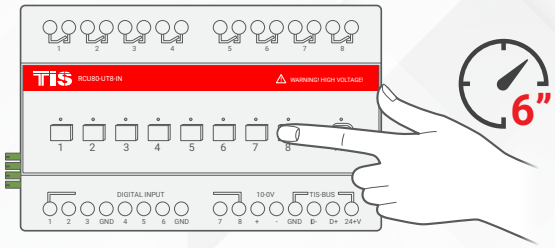
PAIRING (MANUAL PROGRAMMING)

VENERA BUTTONS TO CONTROL OTHER DEVICES

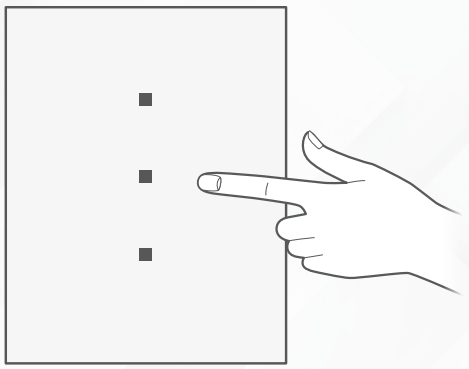
Venera buttons can be programmed to control any other relay, dimmer, or plug in the same TIS network.

You can pair any light channels with any wall panels. To do so, follow these steps:

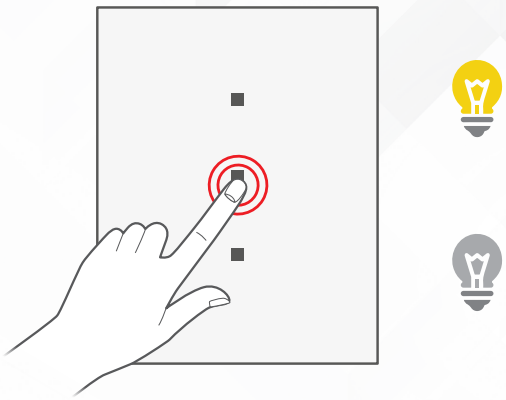
1 Press on any dimmer/relay button for 6 seconds until the LED indicator of that button starts blinking.



2 Shortly touch on any Venera switch button.



3 Test the button on the panel by short pressing it for ON/OFF and long pressing to dim.

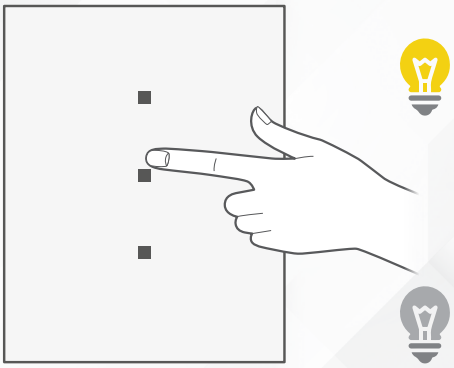


TIS CONTROL PTY LIMITED
SA , AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong

USER OPERATION

You can control the lights ON/OFF from the panel by short pressing on the buttons.



TROUBLESHOOTING

PRG button blinks purple color rapidly	**Reason:** The panel address conflicts with another device in the TIS network. You need to press and hold the PRG button for 6 seconds so that the module can get a new address.
Device's PRG LED is RED	**Reason:** The device is not connected to Wi-Fi.
Device can't link to Wi-Fi router	**Reason 1:** The device is too far from the Wi-Fi router. **Reason 2:** The SSID or password is not correct. **Reason 3:** Some setting in the WIFI router is preventing new devices from being added.
Other wall panels can't pair with the device	**Reason 1:** Other panel connections are not linked to the same Wi-Fi network. **Reason 2:** The manual programming function is disabled in the device (default is enabled).
Other wall panels can't control the device channels	**Reason 1:** Other panel connections are not linked to the same Wi-Fi network. **Reason 2:** The programming address is wrong.

TIS CONTROL PTY LIMITED
SA , AUSTRALIA

TIS CONTROL LIMITED
Wanchai, Hong Kong