INSTALLATION MANUAL
VENERA TOUCH PANEL
SINGLE CHANNEL DIMMER PANEL
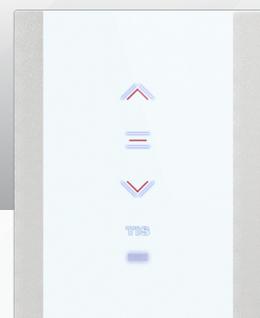Model: VEN-1D-UV

TIS
CONTROL EVERYTHING

PRODUCT INFORMATION

This wall panel has three elegantly designed touch buttons to ramp up and dim down lighting. You can customize the dimming percentage based on your personal aesthetic desires.

PRODUCT SPECIFICATIONS

Power Supply	Input Voltage		110-230 VAC 50/60 Hz
	Output Power		3W / 12V
	Protection		Built-in protection fuse
	Current consumption		10-30 mA / 12 V DC
Output	Number of channels		1
	Nominal voltage		110 / 230 V AC 50/60 Hz
	Nominal current per channel		
	Lighting Incandescent Lamp		500 Watts
	LED (dimmable)		300 Watts
	CFL (dimmable)		300 Watts
TIS AIR	WIFI Signal		2.4 GHz
	Protocol Standard		802.11 b/g/n
Reaction time			approx. 30ms
Mounting	Wall mount		To US, EU, or UK junction box size.
Operating and display elements	touch buttons		12 touch buttons for AC / lights / moods …
	Backlight		12 RGB indicators
	TIS bus		TIS Protocol messages and commands
	Upgrading		By Rs485 upgrading kit
Dimensions	Length × Width × Height		85mm × 42mm × 109mm
Housing	Materials		PC fire-proof/ Glass in front
	Internal Parts color		Black or White
	IP rating		IP 50

CE RoHS COMPLIANT PCT C 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.
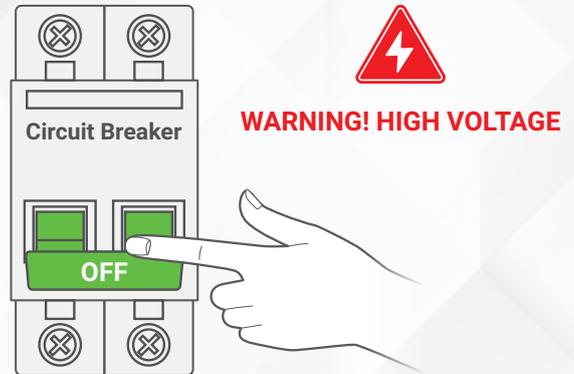
Simple Installation

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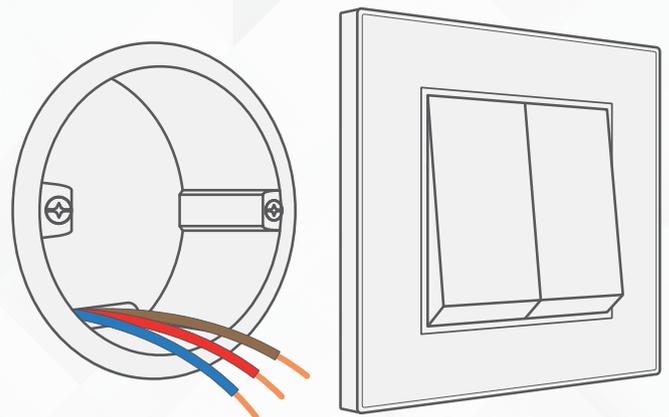
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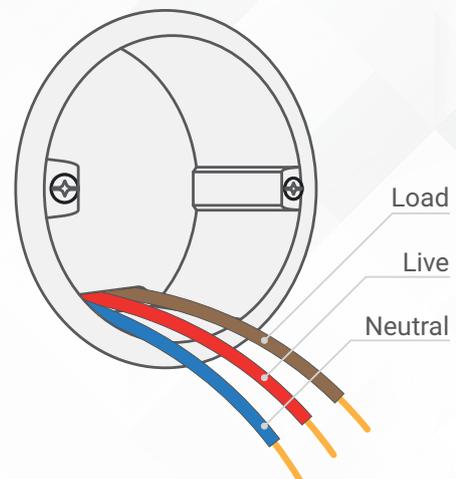
⚙ INSTALLATION STEPS

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

Circuit Breaker

OFF

WARNING! HIGH VOLTAGE

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

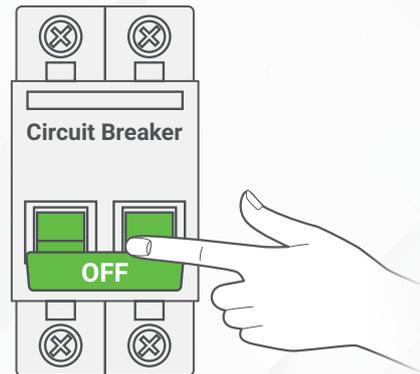**3 »** There should be a total of 3 wires, find the neutral wire.

Load

Live

Neutral

3

⚙ INSTALLATION STEPS

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

WARNING! HIGH VOLTAGE

Circuit Breaker

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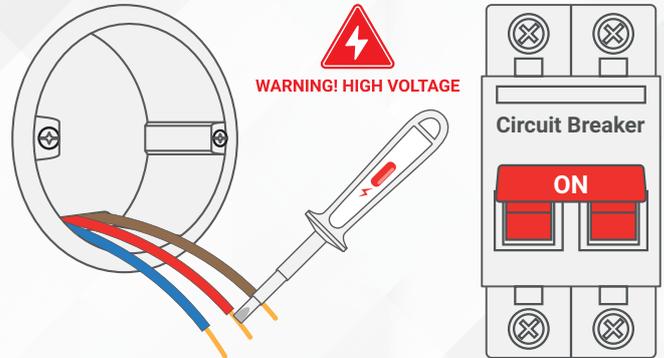
5 » Turn off the power at the main power breaker again to turn off the voltage supply to the switch.
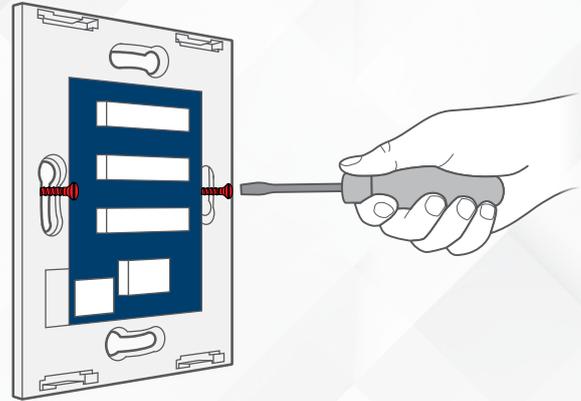

Circuit Breaker

OFF

6 »
- ▶ Attach the Neutral wire to the N terminal
- ▶ Attach the Live wire to the L terminal
- ▶ Attach the Load wire to the ⊗ terminal

⊗ L N

4
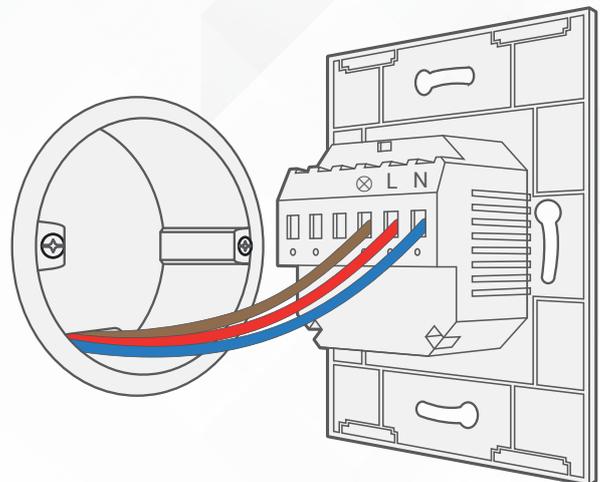
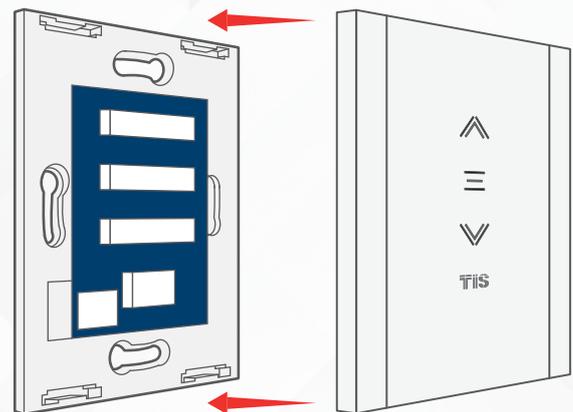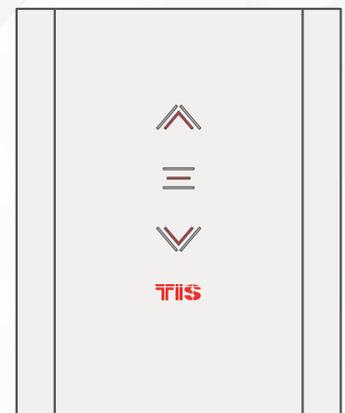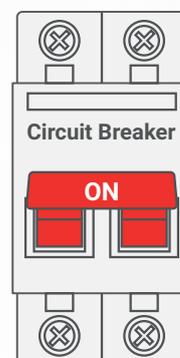## INSTALLATION STEPS

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.


Circuit Breaker

ON

5

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:

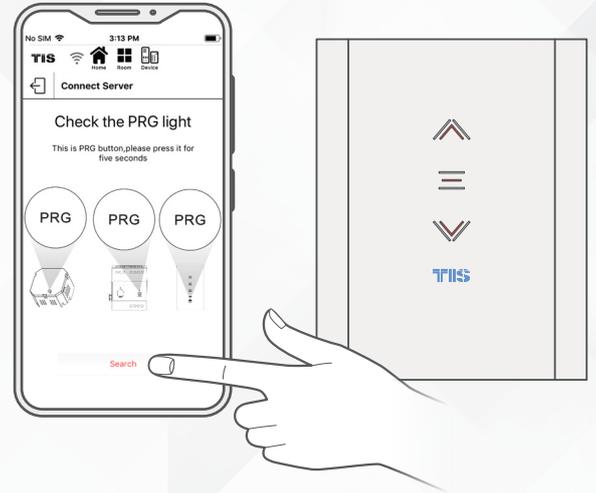**1** ›› In the TIS App, go to Settings ▶ Connect Server, and follow the steps by entering your SSID password.
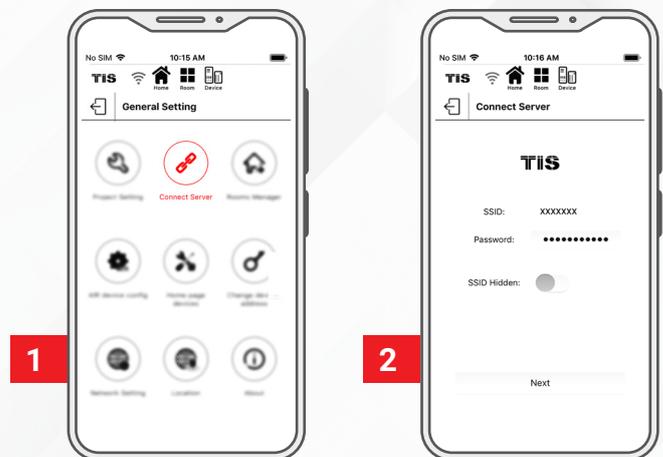
2 ›› On the Venera panel, press and hold the TIS logo for 6 seconds. The logo will start blinking.
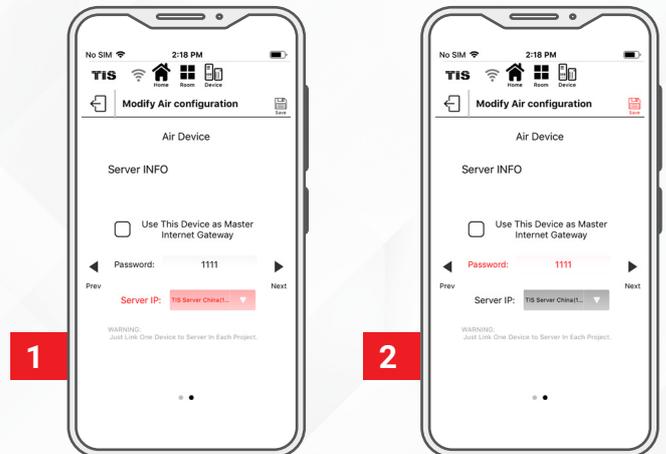
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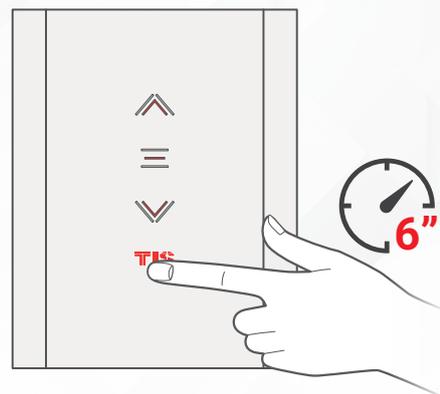
SERVER LINKING

3 ›› On the TIS app, press Search and wait for a few seconds. The panel will link to your WiFi, and the TIS logo will turn blue.

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

7

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SUITE# 610. 860 NORTH DOROTHY DR
RICHARDSON
TX 75081.USA

TIS CONTROL LIMITED
RM 1502-p9 Easey CommBldg
253-261 Hennessy Rd 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, press and hold the TIS logo for 6 seconds; The logo will start blinking.

3 » On the TIS app, press search and wait for a few seconds, the panel will link to your WiFi and the TIS logo will turn blue.
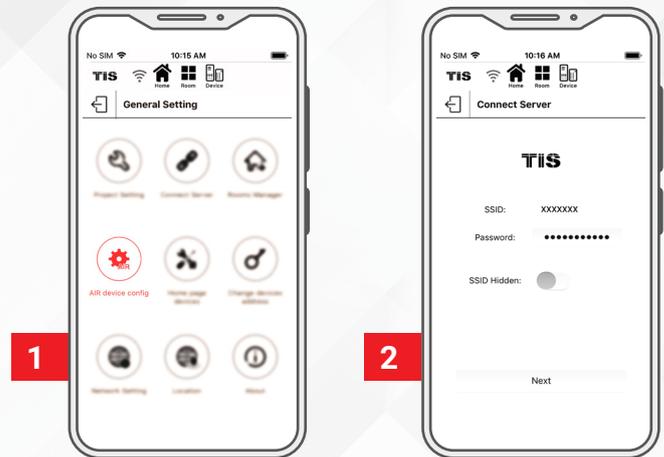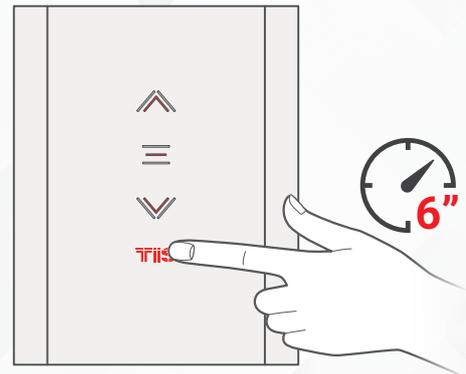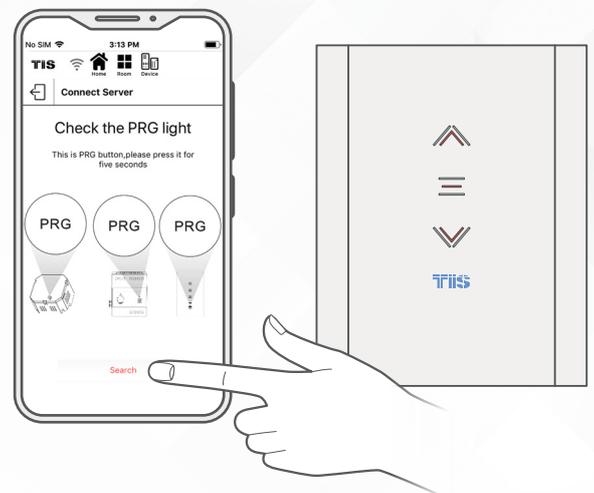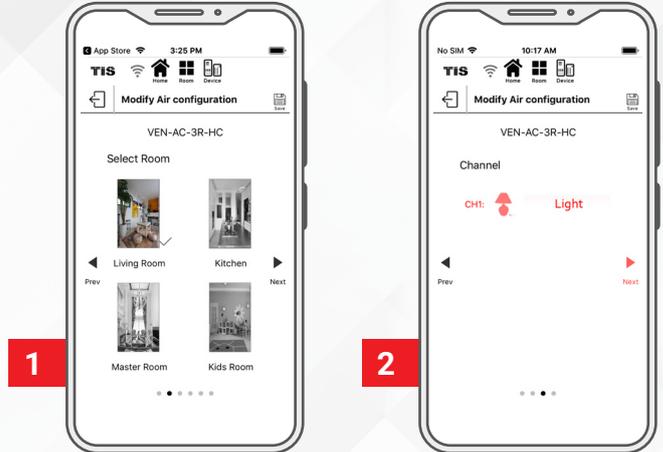
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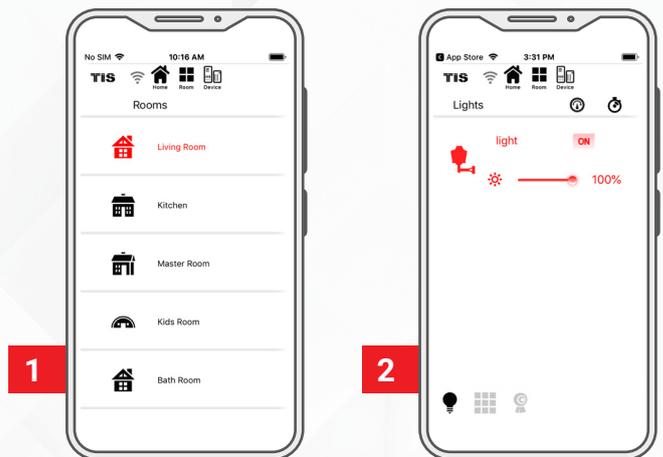253-261 Hennessy Rd Wanchai
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CONFIGURATION STEPS

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

5 Go to the desired room and start controlling.

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🧰 TROUBLESHOOTING

❓	**The panel's white LED blinks rapidly.**	**Reason:** The panel address conflicts with another device in the TIS network. You need to press and hold any of the touch buttons for 6 seconds so that the panel can get a new address.
❓	**The panel buttons' LEDs do not turn ON, and the device is not powered.**	**Reason 1:** There is no TIS-BUS power or no connection to the L/N input (if used AIR bus-3W converter). **Reason 2:** The TIS 24V power supply is not connected to the TIS-BUS.
❓	**The wall panels fail to pair with other devices.**	**Reason 1:** The TIS-BUS connection has a problem, or the wire has a short. **Reason 2:** The manual programming function is disabled on the device (it is enabled by default).
❓	**The wall panels fail to control the device channels.**	**Reason 1:** The TIS-BUS connection has a problem, or the wire has a short. **Reason 2:** The programming address is faulty. **Reason 3:** The panel is locked. You need to unlock it by swiping from right to left on the panel's middle row buttons.