



# VENERA TOUCH PANEL

VENERA 4 GANG PANEL

Model: VEN-3S-3R-HC

VEN-2S-2R-HC

Data Sheet Rev 3.1



## OVERVIEW

This WIFI-enabled wall thermostat consists of four touch buttons with intelligible icons and an elegant 1" OLED screen that displays the current indoor/outdoor temperatures and fan speed.

Simply replace your old thermostat switch with this newly engineered device, connect it to the Internet, and control your home temperature efficiently.

## KEY BENEFITS

- + Good for Utilizing as High-Voltage 110 /230V Thermostat
- + Built-in Wi-Fi for Direct Connection to the Internet
- + Ducted AC Control
- + Local/Remote Control via TIS App
- + Works with TIS Remote Control

## KEY FEATURES

- ★ Wall mount, Touch Panel with 4 Buttons and OLED Screen
- ★ Built-in Temperature Sensor
- ★ Works with the TIS-BUS Protocol
- ★ Available in 2 Glass Colors: Black and White
- ★ Fits in all Standard Electrical Back Boxes (US, UK, EU sizes)



BARCODE (UPC-A)



BARCODE (UPC-A)



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## PRODUCT SPECIFICATIONS

⚡	<b>Power supply</b>	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
📡	<b>Output</b>	Number of channels	2 / 3 (refer to Model number)
		Nominal voltage	110 / 230 V AC 50/60 Hz
		Nominal current per channel	8 A / 230 VAC
📡	<b>Output switching current</b>	Max switching current	10A/230 VAC Resistive 6A/230 VAC florescent
		Max Continues current	8A/230 VAC
		Max. switching Voltage	277VAC / 30VDC
📡	<b>Output service life</b>	Mechanical Endurance	> 10,000,000 OPS
📡	<b>Output switching times</b>	Operating time	8 mS (at nomi. Volt)
		Releasing time	5 mS (at nomi. Volt)
		Max. operating frequency	25 cycle/min
TIS AIR	<b>TIS AIR</b>	WIFI Signal	2.4 GHz
		Protocol Standard	802.11 b/g/n
🕒	<b>Reaction time</b>		approx. 30ms
🔧	<b>Mounting</b>	Wall mount	To US, EU, or UK junction box size.
📡	<b>Operating and display elements</b>	touch buttons	4 touch Capacitive Control Buttons
		Infrared Receiver	Controlled by TIS Remote Control
		Backlight	RGB Backlight Indicators
		TIS AIR	TIS Protocol Messages & Commands
		Upgrading	By WIFI Connection
⚖️	<b>Weight</b>	Without packaging	20 g
📏	<b>Dimensions</b>	Length × Width × Height	85mm × 42mm × 109mm
🏠	<b>Housing</b>	Materials	PC fire-proof/ Glass in front
		Internal Parts color	Black or White
		IP rating	IP 50
🌡️	<b>Temperature range</b>	Operation	-10...60°C
		Storage	-20...50°C
		Transport	-25...75°C
💧	<b>Air humidity</b>		<80% non-condensing



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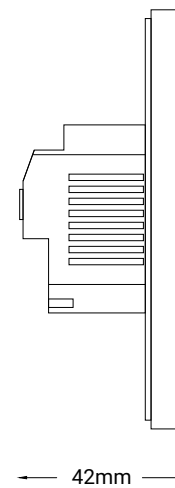
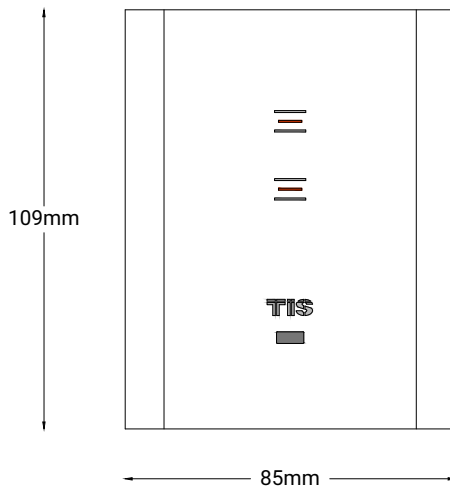
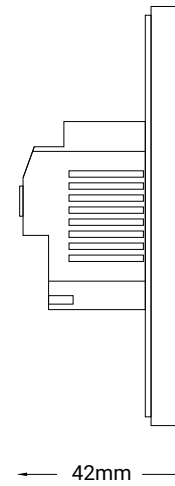
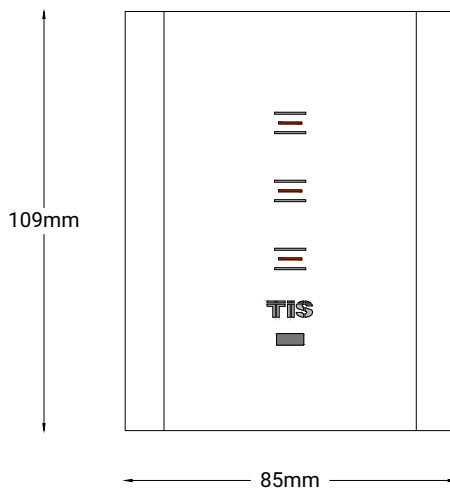
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