

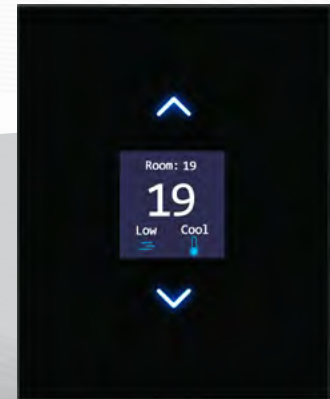


# TIS VENERA SERIES

Touch Wall Switch

Data Sheet Rev 3.2

Model: VEN-AC-3R-HC



## OVERVIEW

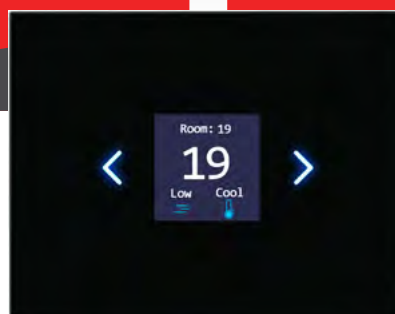
This product is a thermostatic wall switch with an OLED and touch buttons designed for indoor climate control. It offers real-time temperature readings and is perfect for optimizing energy consumption.

### KEY BENEFITS

- ➕ Compatibility with other TIS solutions
- ➕ Improved energy efficiency
- ➕ Suitable for all types of back boxes
- ➕ Applicable in home, hotel & office rooms

### KEY FEATURES

- ★ Direct connection to WiFi network
- ★ Compatibility for horizontal & vertical mounting
- ★ Equipped with a 1.5" OLED
- ★ Programmable for scenes & presets
- ★ Controllable through TIS App



BARCODE (UPC-A)



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







Touch Wall Switch

Model: VEN-AC-3R-HC

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## PRODUCT SPECIFICATIONS

	<b>Power Supply</b>	Input voltage	110-240 VAC 50/60 Hz
		Output power	3W / 12V
		Protection	Internal protection fuse
		Current consumption	10-30 mA / 12 V DC
	<b>Output</b>	Number of channels	3 relays for cool, heat and fan speed control
		Nominal voltage	110– 230 V AC 50/60 Hz
		Nominal current per channel	8 A / 230 VAC
	<b>Output switching current</b>	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	8mS (at nomi. Volt)
		Releasing time	5 mS (at nomi. Volt)
		Max. operating frequency	25 cycle/min
	<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, UK junction boxes
	<b>Operation</b>	Display	1.5"
		Touch buttons	2 control buttons
		Temp sensor	Internal resistive temp sensor
		Backlit	2 LED indicators
		TIS AIR	TIS protocol messages & commands
		Upgrading	Over WIFI connection
	<b>Weight</b>	Without packaging	21g
	<b>Dimensions</b>	Length x Width x Height	85mm x 42mm x 109mm
	<b>Housing</b>	Materials	Fireproof PC/ Glass in front
		Internal parts color	Black / 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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TIS CONTROL PTY LIMITED  
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Wanchai, Hong Kong

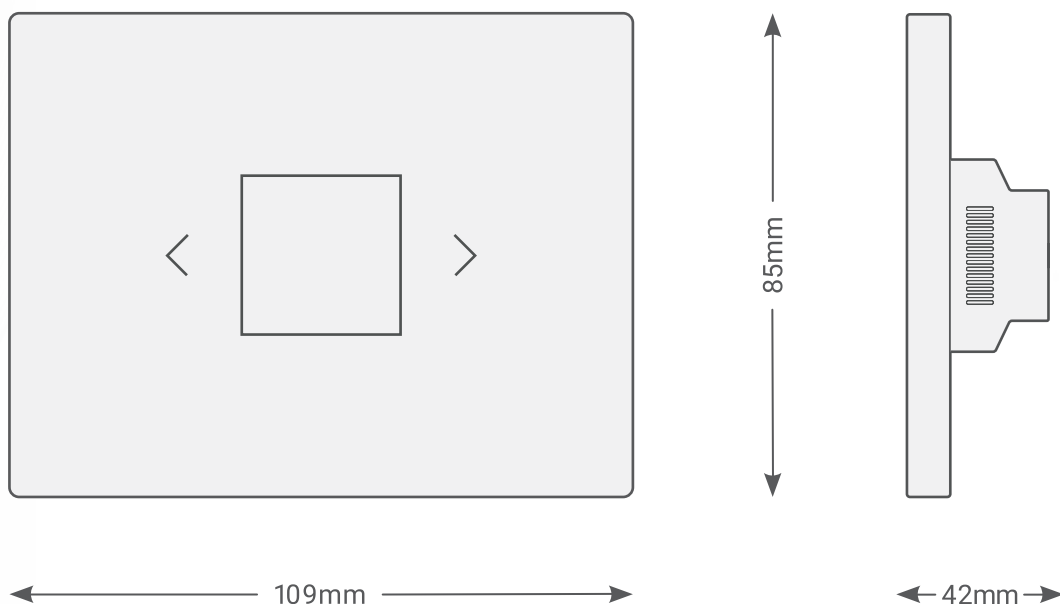
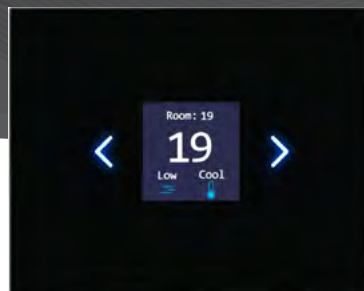
www.tiscontrol.com

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