



# TIS LUNA TFT PANEL

4.3" Touch Panel

Model: LUNA-TFT43

Data Sheet Rev 3.1



## OVERVIEW

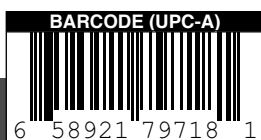
The Luna TFT panel has 3 page layouts, each of which covers 6 commands (18 switches total) for limitless light control. This panel features 2 pages for RGB color control, up to 8 air conditions and 2 floor heating control options. Luna TFT helps with music, curtains, moods, and security control and energy optimization. Also it can give heads up about weather using its intelligent weather station sensors.

## KEY BENEFITS

- + Control lights, dimmers & RGB color sequences
- + Thermostat for air conditioning control
- + Arm security system in different levels
- + Volume Control for Music & Radio
- + Open/Close Motorized Curtains & Shades
- + Set Favorite Mood
- + Monitor Room Air Quality & Outdoor Weather Status
- + Read & Calculate Home Energy Consumption & Cost

## KEY FEATURES

- ★ Wall mount, touch panel with TFT LCD screen
- ★ Built-in temperature sensor
- ★ Built-in buzzer for messages and alerts
- ★ Fit into 5 types of panel addition for extra functions
- ★ Configurable with TIS remote control
- ★ Work with TIS-BUS protocol
- ★ Available in black and white glass colors.
- ★ Fit into all standard back boxes (US, UK, EU)



# TIS LUNA 9G PANEL

9-Gang Touch Panel

Model: LUNA-9G



## PRODUCT SPECIFICATIONS

	<b>LCD</b>	Size	3.5"
		Resolution	320*480 Pixels
		Contrast	500
		Viewing direction	160 degree
	<b>Touch</b>	Active area	4.3"
		Touch Type	Capacitive
	<b>Input</b>	Temp sensor	Resistive Temp Sensor
		IR receiver	TIS Infrared code receiver
		Using Panel Addition	2-3 Digital Input
	<b>Output</b>	Using Panel Addition 3R	3 Relay Output 3A/5A
		Using Panel Addition 3DL-12V	12V DC 50mA Output
		Using Panel Addition 2DL-IRE	IR Emitter
	<b>TIS Bus</b>	Number of devices on 1 line	Max. 64
		Bus voltage	12-32 V DC
		Current consumption	<50 mA / 24 V DC
	<b>Protection</b>		Reverse Polarity Protection
			ESD Protection
	<b>Reaction time</b>		approx. 20ms
	<b>Mounting</b>	Wall mount	by 2 screws on the back box (UK, Europe, US)
	<b>Connection terminal</b>	Data	2 mail pins connectors to fit in panel addition
	<b>Operating and display elements</b>	LCD	TFT full color
		touch buttons	5 touch buttons for menu selection ...
		Backlight	2 White indicators
		TIS bus	TIS Protocol messages and commands
	<b>Functions</b>	Upgrading	By Rs485 upgrading kit.
		1 Press	ON/OFF/Scene
		Long Press	Dim or ramp the lights
		Double click	Extra Scene
	<b>Weight</b>	IR receiver	Music, scene, lights control
		Without packaging	200 g
	<b>Dimensions</b>	Width x length x height	90mm (94mm peak) x 129mm x 13mm



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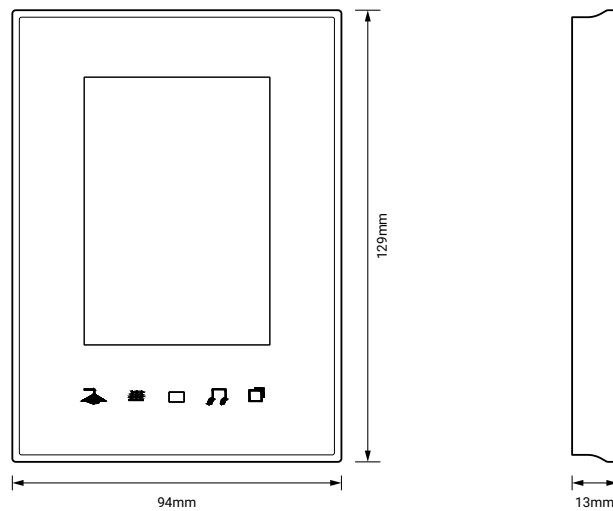
9-Gang Touch Panel

Model: LUNA-9G



## PRODUCT SPECIFICATIONS

<b>Housing</b>	Materials	PC anti fire / Glass in front
	Casing color	Silver plating frame. Glass white or black
	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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