



Smart Control Panel S

Model : TPP01-Z (EU)

1.Product Overview

The smart control panel S adopts a 4-inch touch full screen, developed based on the Linux platform, supports the installation of a standard Europe bottom box, can seamlessly replace the switch panel, and integrates Zigbee gateway and Alexa voice service at the same time. Interact in various ways to help users quickly and conveniently manage smart devices and scenes at home.

2.Application Industries

- ◇ Smart Home/Home Appliances
- ◇ Hospitality
- ◇ Community
- ◇ Real Estate

3.Product Features

1、 Zigbee Gateway

Integrate the Zigbee gateway function, which can replace the Zigbee gateway at home, and has the edge capability of local control

2、 Alexa Voice Service

Alexa Built-in , Support IoT control and Alexa voice skills

3、 Device Control

Multi ways of device control like: touch screen, app control and voice control, compatible with most Tuya ecological devices.

4、 Scene Control

Both screen interaction and voice interaction can trigger scene control in order to meet different needs in life

5、 Easy Installation

Wire installation, using the standard European standard base to complete the home automation upgrade

6、 Easy Setup

Scan the code to log in, interact with the app, one-time configuration

4.Product Specs

Basic Information	
Product Model	TPP01-Z (EU)
Product Name	Smart Control Panel S
Product Image	 <p>The image shows two views of the Smart Control Panel S. The top view is the front-facing touchscreen interface, which displays a dark theme with a large digital clock showing '06:30'. Above the clock, it shows the temperature '26°C' and the date '24th Jun Mon'. Below the clock are two large, rounded rectangular buttons: 'Leave mode' with a house icon and 'Home mode' with a person icon. The bottom view shows the back of the panel, which is a dark grey square with a central circular cutout for a mounting hole. There are several screw holes around the perimeter and a terminal block at the bottom for wiring.</p>
Input	100-240VAC , 50/60Hz
Wireless protocol	Wi-Fi , Zigbee



Smart Control Panel S Tec Specs

Working Temperature		0~40°C	
Working Humidity		5%-90%RH(Non-condensing)	
Size		86*86*10.5mm (Without Base)	
		86*86*36.3mm (With Base)	
Hardware Specification			
Chipset	Board	Chip Manufacturer	Rockchip
		Board Model	TPP01-Z (EU)
		Chip Model	RK3308B-S
		Chip Frequency	1.3GHz
		Chip Architecture	Quad-core ARM Cortex™-A35
	Wi-Fi	Manufacturer	Realtek
		Model	RTL8723DS
		Type	Uplink 2.4GHz
	Zigbee	Manufacturer	Tuya
		Model	TYZS13
		Type	Downlink Zigbee
	Memory	Flash	256MB
		DDR	256MB
Specs	Power	Input	100 ~ 240 VAC(±10%), 50/60Hz +-3Hz Live & Neural Wire
	Screen	Size	4 Inches
		Resolution	480*480
		Screen Specific	Multi-touch capacitive screen, Anti-fingerprint coating
	Mic	Quantity	2
	Speaker	Quantity	1
		Power	1W
	Antenna	Quantity	2
		Type	Built-in shell antenna
Software			
Operating System		Linux	
Login		Scan Code	
Display		Support smart screen saver, off screen, voice wake-up, touch wake-up	
		Support multiple sets of themes: LiuGuang theme, YingDong theme, Daishan theme	
		The home page displays weather, time, date and week, and shortcut control	
		Room area, equipment and scene list display	
Control		Homepage Shortcut Control	
		Device shortcut control	



Smart Control Panel S Tec Specs

		One-click execution of scenes	
		Device Detailed Control	
		Please consult Tuya for the compatibility list of currently supported device categories	
Zigbee Gateway		More than 80 sub-devices that support Zigbee communication types are connected to the network	
		Support remote access to logs	
		OTA Support	
		Support LAN equipment and scene control	
		Support local linkage across gateways and communication protocols	
Alexa Voice Service		Voice Control Online Voice Control	
		Voice skills Songs, smart home skill, weather, news and etc.	
Setting		Network WLAN	
		Sound	Voice Control
			Volume adjustment; Mute mode
		Time and Date	Date and time sync
			Support manual time and date adjustment
		Device and System	Support modifying the device name to facilitate user-defined naming of devices
			Support network detection version, upgrade the new version to the central control machine OTA
Support device restart, device reset, factory reset; Support the app remove and clear data on the device			
Shortcut Management		Support 2 customized switches on the home page	
Working Temperature			
Working Temperature		0~40°C	
Working Humidity		5%~90%RH	
Warranty		12 Months	

5.Packaging List

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screwx4

manualx1

Installation Instructionx1