LTECH

Super Panel 4S

Model:SP-GW-4S

13:14
Wed, May 20

28℃ Cloudy

Switch1 Switch2

Manual

Application Diagram

Phone user ... Phone user 1 — Wi-Fi/4G/5G — CLOUD — Scene Timing Automation

Home appliances & accessories

Home appliance module HVAC management module Curtain motor

Dry contact module Relay Music player

Wireless switch Bluetooth remote ... More

Router — Amazon Echo Google

Wi-Fi Ethernet

13:14

Bluetooth Mesh — Bluetooth 4.2 — Bluetooth speaker

Super Panel 4S

Phone user 1 — Bluetooth Mesh

Mesh LAN

Intelligent Lighting

Constant Voltage Driver	Constant Current Driver	Smart Switch	Smart Sensor	Wireless + Wired
LM-36 series	SE-12 series	Premium series	Microwave motion sensor	Wireless module (DMX/0-10V)
LM-75 series	SE-20 series	Activated series	Infrared motion sensor	Wireless module (DMX/DALI/0-10V)
LM-150 series	SE-30 series	Creativity series		Wireless module (DALI)
LM-240 series	SE-40 series			Wireless module (Triac)

Product Introduction

Super Panel 4S is a 4-inch smart home touchscreen control panel. It has built-in smart gateway functions and is compatible with Bluetooth 5.0 SIG Mesh, 2.4 G+5G dual-band Wi-Fi and Ethernet communication. Super Panel 4S can act as a 2-channel relay to directly control load lamps. With IR capability, it is capable of controlling all your IR home appliances and turning traditional home appliances into smart ones.

Super Panel 4S comes with a built-in 2-in-1 light and proximity sensor that enables auto screen brightness adjustment, as well as auto screen wakeup when nearby people approach it.

It combines touchscreen and App interaction. Multi-function scenes can be set and it supports local control without the network needed, which performs faster and more stably.

It is installed in the 86 type junction box and enables more than 400 flexible panel combinations by using unified panel mounting frames.

Technical Specs

Model	SP-GW-4S
Wireless network	Bluetooth 5.0 SIG Mesh，Wi-Fi 2.4G＋5G
Wired network	Ethernet
Input voltage	100-240V~，50/60Hz
Display	4-inch full lamination，480×480 resolution
Touchpad	Capacitive multi-touch screen，anti-fingerprint coating
Materials	PC+ V0 fireproof grade
Single load	LED≤200W，☼≤400W
Channel of load	2 Channels
Inrush current in loads	Max.65A@2ms
Working environment	-15°C~50°C，Humidity≤85%RH
Dimensions	L86×W86×H41(mm)
Package size	L110×W110×H59(mm)
Colors	Grey，Gold，White

Product Overview

IR emitter

Light sensor
Proximity sensor

Speaker

13:14
Wed, May 20
28°C Cloudy
Switch1   Switch2

Load wire
L1
L2

Power cord
L
N

Network socket

Microphone

Reset key
(System reboot/
Restore factory settings)
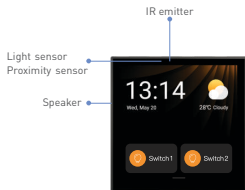
✳ System reboot: Use an ejection pin to long press the reset key for 6s,
and wait for the system to restart.

Restore factory settings: Use an ejection pin to long press the reset
key for 6s and release it until the LOGO is displayed on the screen.
Within 30s, press the reset key again for 6s.When the system restarts,
it means the device has been reset to factory defaults.
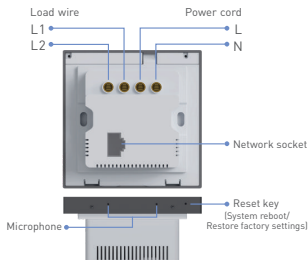
# Product Size

Unit:mm

86

86

66

60
68

11   41

03
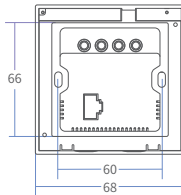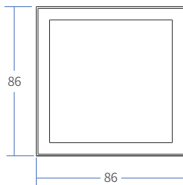
Installation Steps

1.Turn off the circuit breaker and remove any concrete or corrosion that are inside the 86 type wall box.Trim each wire in the wall box to about 10cm in length.
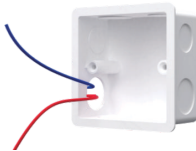
2.Attach the live line to L port of the panel, the null line to N port and the load wires of lights to L1/L2 port. Make sure the wires are well connected to the switch terminals with no copper wire exposed.If necessary, connect the network cable to the network socket.
(The protection device for the electronic switch cannot be greater than 35A)

Live line(L)
Null line(N)

L2 L1 L N
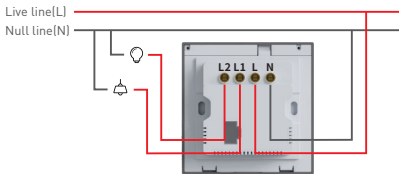
3. Insert the KM4 screws into the holes on two sides of the panel and secure the screws to fit the switch to the wall with a screwdriver.
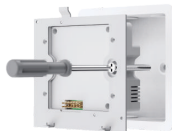
4. Slant the bottom of the panel cover and snap it to the panel frame. Then secure the panel cover to the frame from the bottom with a KM2 screw.

Snap the panel cover down

Recommended Applications

1.Connect to a lamp and get fast lamp control.

Super Panel 4S   Lamp

2.Connect to a traditional lamp and add Super Panel 4S to the APP , so you can intelligently control the lamp.

APP   Super Panel 4S   Lamp

3.Add Super Panel 4S to the APP to realize remote control (via 4G,5G, Wi-Fi) + local control of the lamp.

APP   Super Panel 4S   Bluetooth driver   Lamp

4.Control the lamp either with APP, Super Panel 4S or a remote, a wireless switch .

APP   Super Panel 4S   Remote   Wireless switch   Home appliance module   Bluetooth driver   Lamp

5. More applications of intelligent control are waiting for you to set up.

Instructions to Use Super Panel 4S

① After devices and scenes are added on Super Panel 4S the system will automatically generate different types of pages. You 'll be able to swipe left and right to switch to any device page.

② Swipe down from the top of screen to access the control center; swipe up to close it.
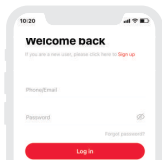
App Operating Instructions

1. Register an account

1.1 Scan the QR code below with you mobile phone and follow the prompts to complete the app installation

Scan and download the App

1.2 Open the App and log in or register an account.

2. Bind your account

Power on the Super Panel 4S and wait for a while to start it. Follow the page guidelines
of panel to connect the Wi-Fi. Open the APP and click "+" icon in the upper right corner and
access the "Add device" page. Pick "Smart gateway-Super Panel 4S" from the device list and
follow the prompts to scan the QR code displayed on the Super Panel 4S screen, then complete
your account binding.
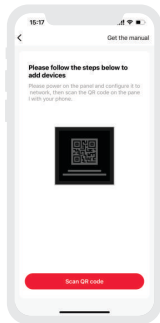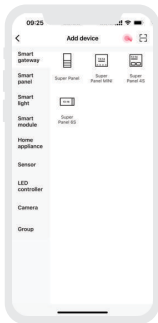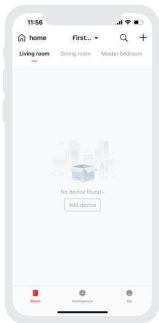
3. Add infrared devices

Go to the Super Panel 4S interface and click "Infrared appliance" ,then tap "+" icon in the upper right corner. Follow the prompts in APP to select your infrared home appliances according to the appliance type and brand. After completing the setting, you can directly control the infrared home appliances with the Super Panel 4S.
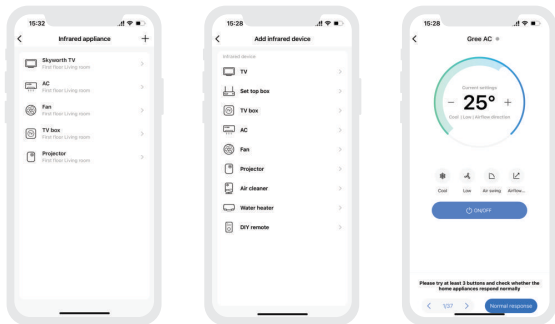
4. Control devices with the Super Panel 4S

Please refer to manuals of related products. Follow the prompts to add the devices you want and access the Super Panel 4S interface. Click "Device" to go to "Displayed devices" interface. Then click the icon in the upper right corner to pick the devices your want to control with the Super Panel 4S and save them.
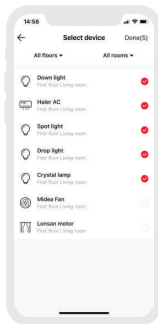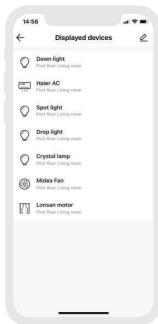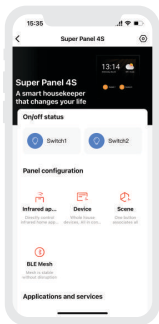
5. Control scenes with the Super Panel 4S

Create scenes: Get back to the homepage of the App. Switch to "Intelligence"menu and click "+" icon to add scenes. Follow prompts to modify names and icons for scenes, and click "Add action" to set up the action and delay time you want.

Display scenes: Go to the Super Panel 4S control interface and click "Scene" to access the "Display scenes" page. Then click the icon in the upper right corner to add the scenes you want to control with the Super Panel 4S.
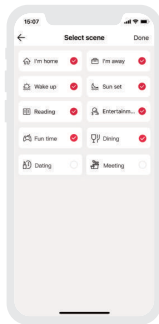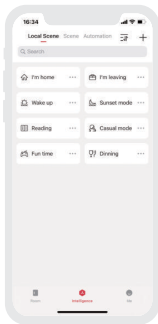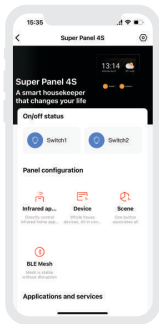
6. Set up the relay (Switch 1/Switch 2)

In the "Room" interface,click the blank area of the Super Panel 4S card to get a popup and control Switch 1/Switch 2 quickly. Or you can go to the Super Panel 4S interface to turn Switch 1/Switch 2 on or off by tapping them. Go to the Super Panel 4S settings and click them to name the relay (Switch 1/Switch 2).
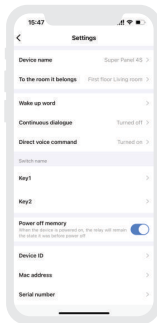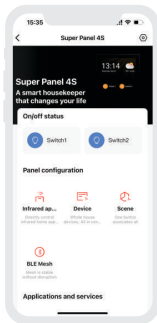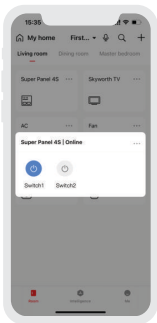
FAQs

1. How to change user accounts?

   Super Panel 4S has one standard user account only. The Super Panel 4S that has been added needs to be deleted by the original owner before your login.

2. How to restart the device?

   Use an ejection pin to long press the reset key for 6s, and wait for the system to restart.

3. How to reset the device to factory defaults?

   Use an ejection pin to long press the reset key for 6s and release it until the LOGO is displayed on the screen. Within 30s, press the reset key again for 6s.When the system restarts, it means the device has been reset to factory defaults.

Attentions

• Products shall be installed by qualified professionals.

• LTECH products are non-waterproof and not lightningproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices.

• Good heat dissipation will extend the working life of products. Please ensure good ventilation.

• Please check if the working voltage used complies with the parameter requirements of products.

• The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.

• Before you power on products, please make sure all the wiring is correct in case of incorrect connection that causes damage to light fixtures.

• If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.

✳ This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

Warranty Agreement

Warranty periods from the date of delivery : 2 years.

Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.

1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.