

LTECH

Super Panel MINI

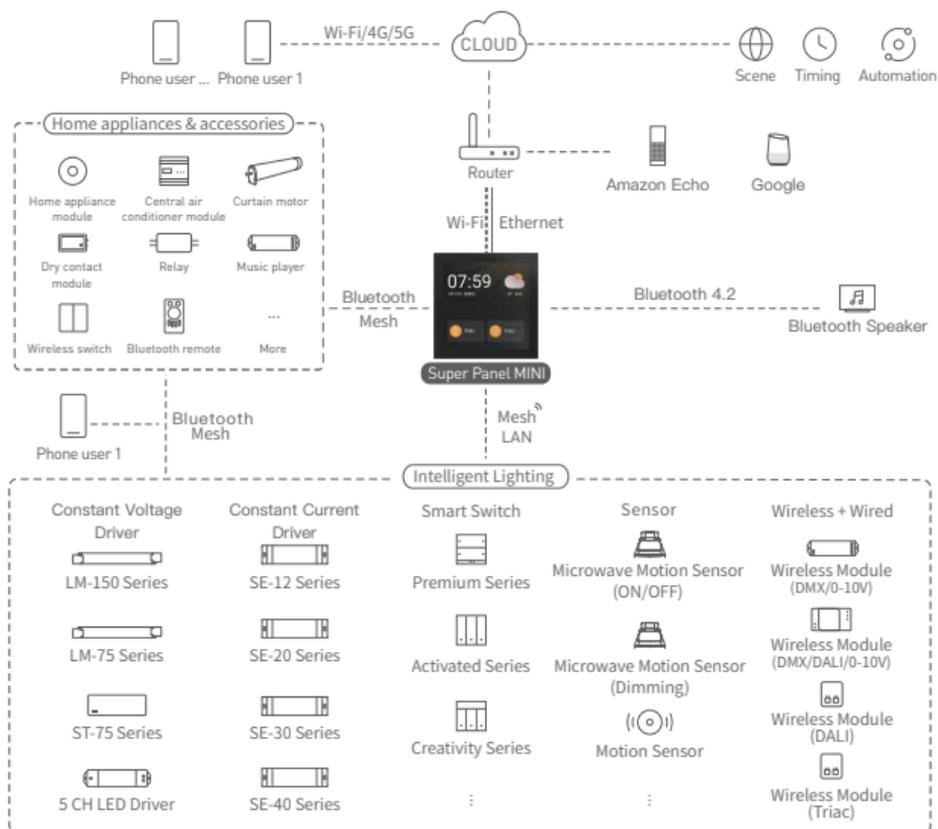
Model:SP-MINI



Manual

www.ltech-led.com

Application Diagram



Product Introduction

Super Panel MINI is a central control panel that can integrate all of your connected devices to control the entire smart home. It supports wired and wireless connectivity such as Wi-Fi, Ethernet and Bluetooth 5.0 SIG Mesh. It can perform powerful intelligent gateway functions. Super Panel MINI can also be used as a 2-channel relay to connect LED lamps and turn them on/off.

It enables you to control your entire home from one single touchscreen on your wall or via the intuitive App. Scenes preset for multiple occasions can be quickly executed or changed with just few taps on the screen.

Using this panel, you can easily manage and control your lighting, air conditioning, infrared home appliances, curtains and more devices to build a complete smart home system.

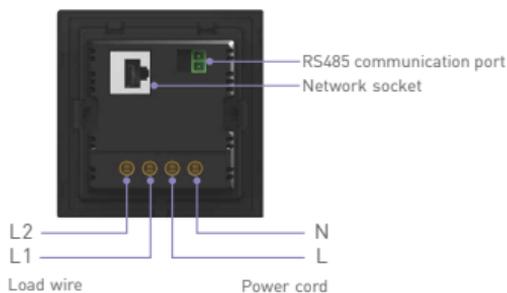
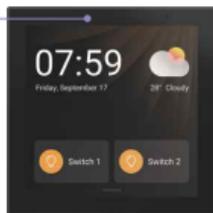
Technical Specs

Product Model	SP-MINI
Wireless Network	Bluetooth 5.0 SIG Mesh, Wi-Fi
Wired Network	Ethernet
Input Voltage	100-240Vac, 50/60Hz
Display	4.0-inch full lamination, 480×480 resolution
Max. Load Power	≤200VA/CH [Capacitive load], ≤400W/CH [Resistive load]
Working Environment	Temperature -15°C~50°C, Humidity≤85%RH
Dimensions [L×W×H]	86×86×37.5mm
Package Size [L×W×H]	109×109×76mm
Weight[G.W.]	215g



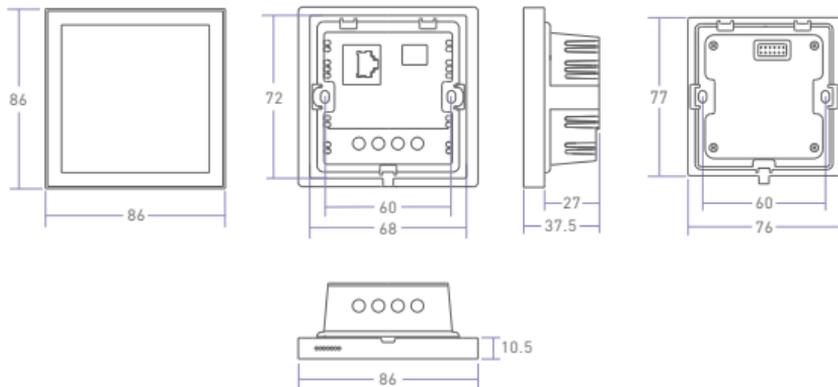
Product Images

Light sensor
Proximity sensor



Product Size

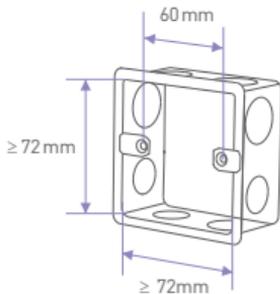
Unit: mm



Installation Steps

1. Choose the right size of a junction box

The junction box size must be at least or more than 72 mm in length and width. It is recommended to use a Siemens junction box (model: 5TG0602-1CC1).



2. Detach the panel

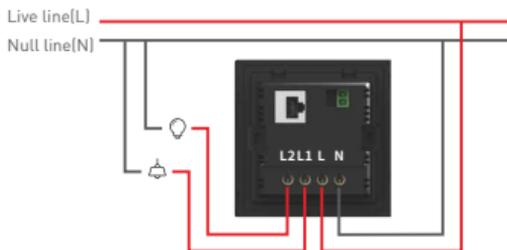
Detach the panel with the panel plate with a flat-head screwdriver.



3. Connect electrical wires

Turn off the circuit breaker and remove any concrete or corrosion that are inside the wall box. Trim the wires in the wall box to around 10cm in length respectively. Attach the null line to N socket and live line to L socket, and the load wire to L1/L2 port. Make sure the electrical wires are well connected to the switch terminals with no copper wire exposed. If necessary, insert a network cable into the network socket.

Note: Make sure the panel is stable and won't appear crooked.



4. Put the panel plate in place

4.1 Insert the screws into the holes on two sides of the panel and secure the screws to fit the panel to the wall with a screwdriver.

4.2 Slant the panel plate and put it in place.



Recommended Applications

1. Gain fast control of lamps



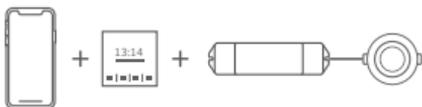
Super Panel MINI Lamp

2. Connect traditional lamps and turn them into smart ones



APP Super Panel MINI Lamp

3. Super Panel MINI supports both LAN + remote lighting control via 4G/5G/Wi-Fi



APP Super Panel MINI Bluetooth driver Lamp

4. The Super Panel MINI, remote and wireless switch can simultaneously control lamps



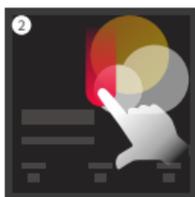
APP Super Panel MINI Remote Wireless switch Home appliance module Bluetooth driver Lamp

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

Instructions to Use Super Panel MINI

1. Swipe gesture control

- ① After devices and scenes are added on Super Panel MINI, 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.



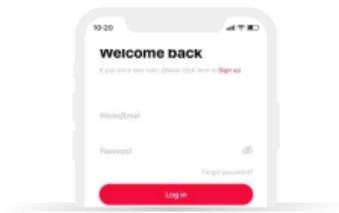
App Operating Instructions

1. Register an account

- 1.1 Scan the QR code below with you mobile phone and follow the prompts to complete the app installation.
- 1.2 Open the App and log in or register an account.

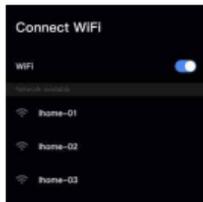


Scan and download the App



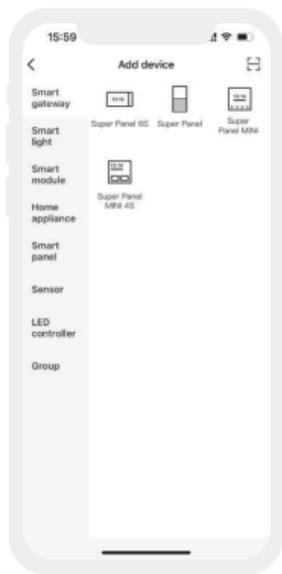
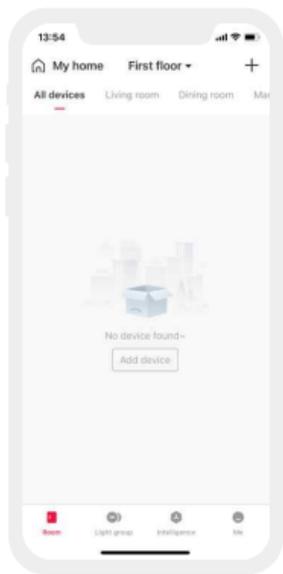
2. Configure the Super Panel MINI

Power on the Super Panel MINI and wait for a while to start it. Follow the page guidelines of panel to connect the Wi-Fi. Once connected successfully, a QR code for the device will be displayed on the interface and you'll able to complete the configuration.



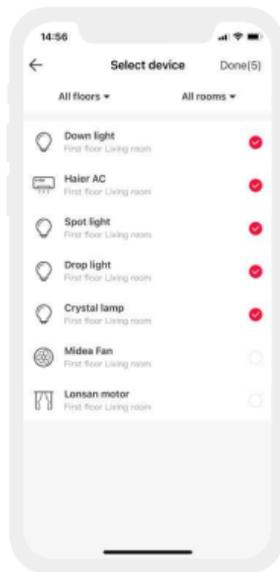
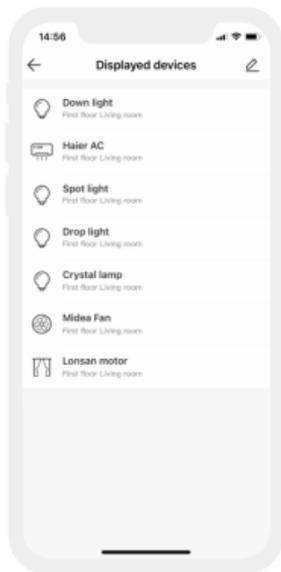
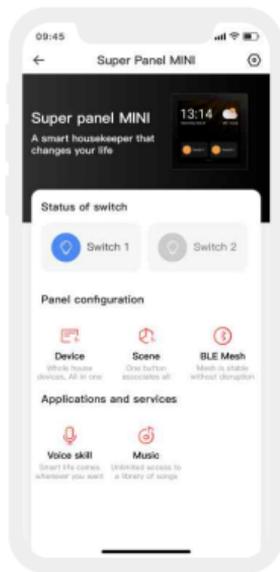
3. Bind your account

Open the APP and create a home if you are a new user. Click “+” icon in the upper right corner and access the “Add device” list. Pick “Smart gateway - Super Panel MINI” from the “Add device” list and follow the prompts to scan the QR code displayed on the Super Panel MINI screen, then complete your account binding.



4. How to control lights, infrared appliances and other items with Super Panel MINI

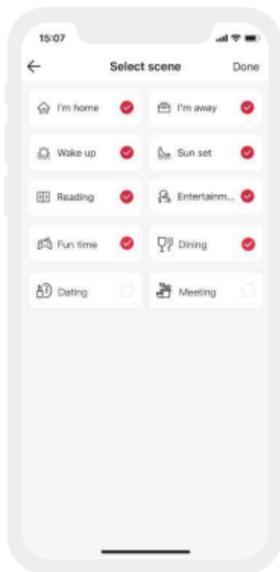
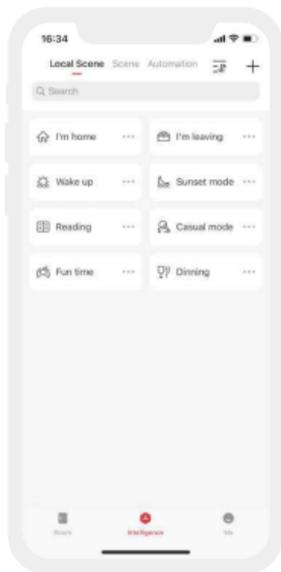
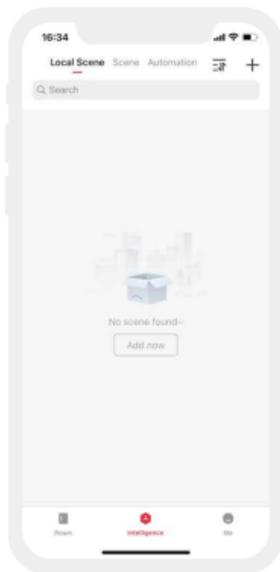
Please refer to manuals of related products. Follow the prompts to add the devices you want and access the Super Panel MINI interface. Click "Device" and go to "Displayed devices" interface. Click the icon in the upper right corner, pick the devices you want to control with the panel and Click "Save".



5. How to control cloud scenes with Super Panel MINI

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.

Displayed scenes: Go to the Super Panel MINI interface and click "Scene" to access "Displayed scenes" interface. Click the icon in the upper right corner to add the scenes you want to control with the Super Panel MINI.



FAQs

1. How to change user accounts?

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

2. How to reset to factory defaults?

Power on Super Panel MINI and 12s later power it off. 2s later power it on again. Repeat the same operation 5 times. When the Super Panel MINI is powered on again, "LTECH" and a progress bar will be displayed on the screen. When the progress bar reaches 100%, you will be redirected to the page of "Select Language", meaning the device has been set to factory defaults successfully.

Attentions

- Products shall be installed by qualified professionals.
- LTECH products are non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- 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.