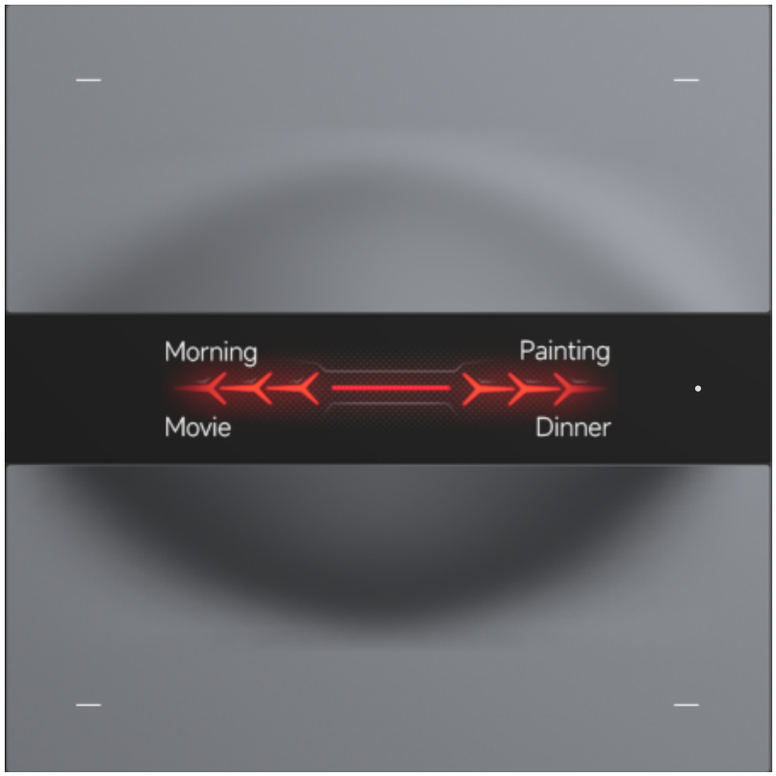
LTECH

Super Smart Switch

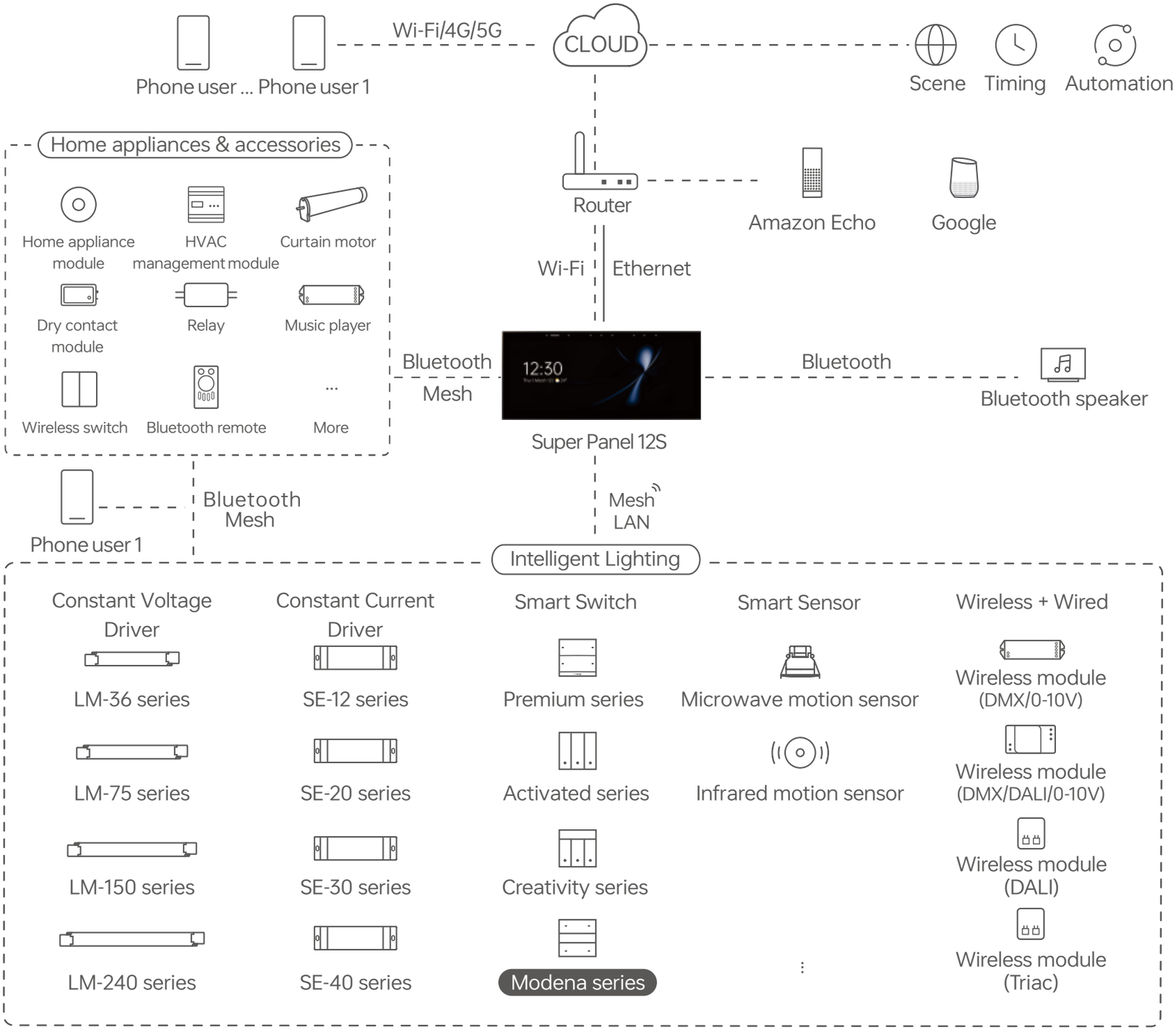
Model: G4 PRO



Manual

www.ltech-led.com

System Diagram



Product Introduction

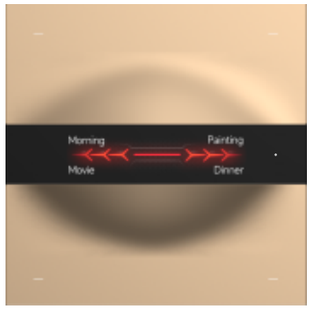
- Curved ripple design, 24K gold feel, G3 curvature button reflects through ultra bright surface, presenting the light and shadow of supercar lines;
- With screen display scene panel, you can customize the Chinese and English display mode, which is more intuitive and clear;
- Bluetooth 5.0 SIG Mesh communication protocol, with relays, traditional lamps become smart in seconds;
- Relay individual control function, realize personalized management;
- Support time-sharing control, meet the needs of different time periods, experience the convenient control of one-click page switching;
- Support scene delay, night wake-up mode, cleaning mode and other humanized functions;
- With human body sensing screen lighting function, realize the screen lighting when people are close and the screen off when people are far away, more energy-saving and reduce light pollution;
- Work with smart gateway, rich cloud scenes, cloud automation, local automation control methods can be realized;
- Support local scenes, remove network gateway, controllable network disconnection, faster and more stable;
- Standard 86 bottom box design, The button cover is detachable and available in 8 colors.

Technical Specs

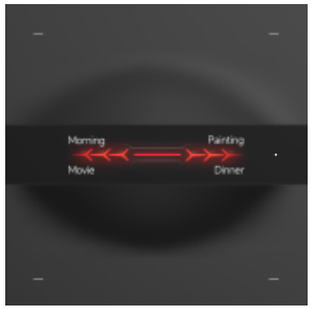
Model	G4 PRO
Wireless type	Bluetooth 5.0 SIG Mesh
Power method	L/N
Input voltage	100-240V~, 50/60Hz,μ
Max. current	≤10A
Single load	LED≤300W, ☼ ≤600W
Channel of load	4CH
Inrush current in loads	Max. 65A@2ms
Standards	GB/T16915.2-2012
Working environment	-20°C~55°C ， Humidity≤80%RH
Net weight	193.5g
Dimensions	86×86×42.5mm (L×W×H)
Colors	Lamborghini Gold/Bugatti Black/Ferrari Red/Pagani White
	Alfa Romeo Silver/Maserati Gray/24-Karat Gold/Noble Sliver

Bluetooth® CE RoHS

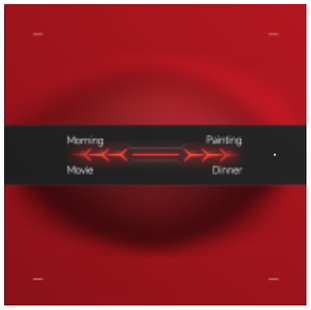
Color Matching



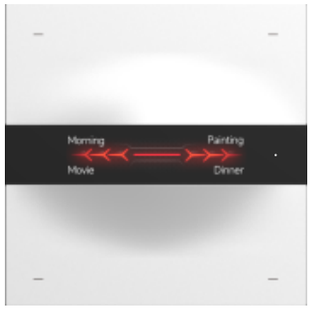
Lamborghini Gold



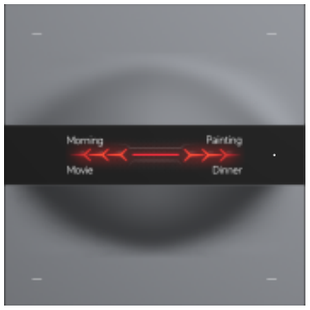
Bugatti Black



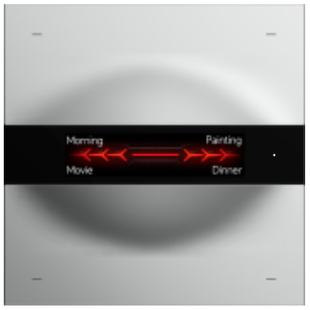
Ferrari Red



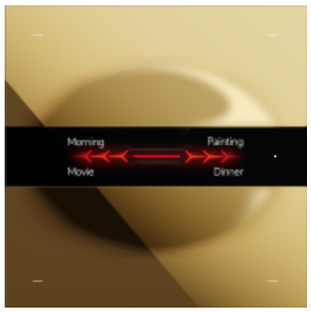
Pagani White



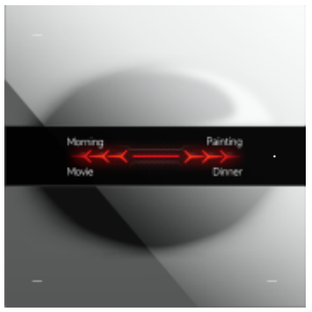
Maserati Gray



Alfa Romeo Silver

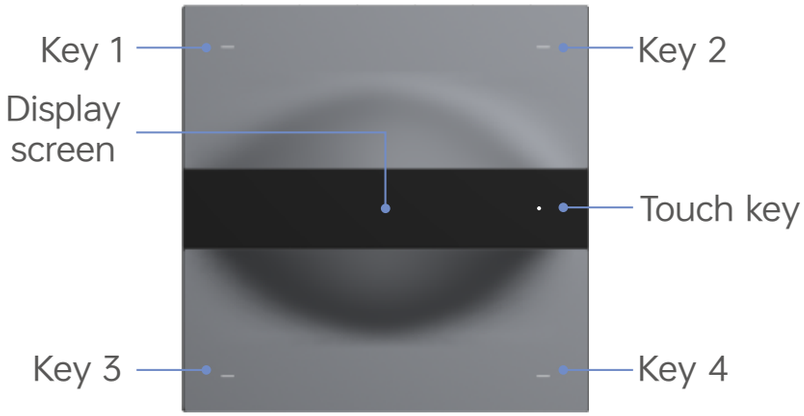


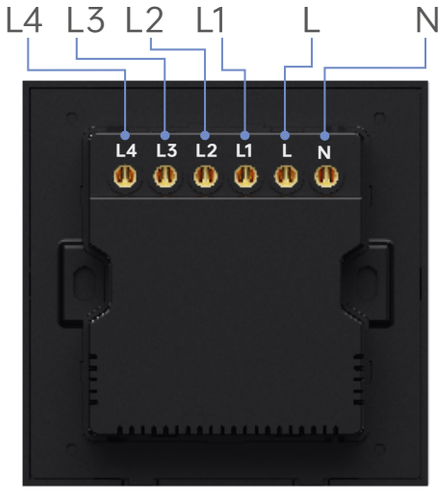
24-Karat Gold



Noble Sliver

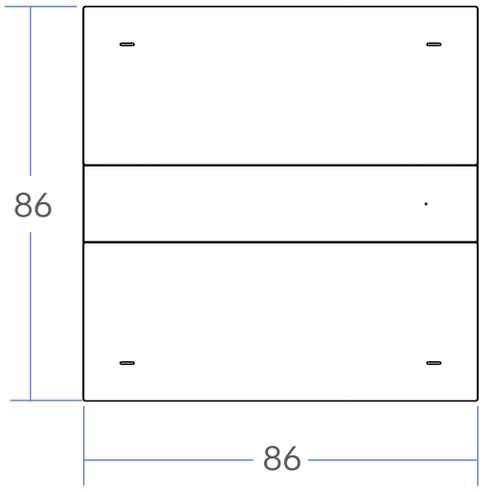
Product Overview

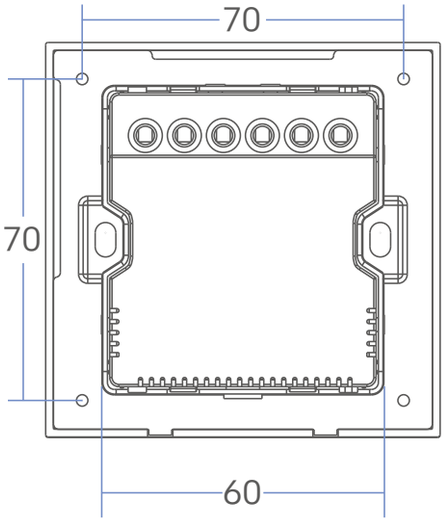


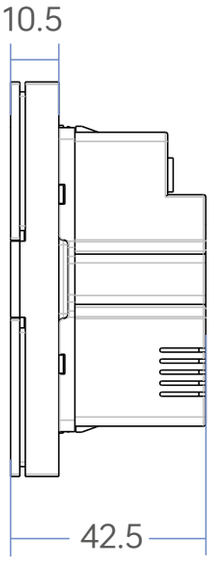


Product Size

Unit:mm



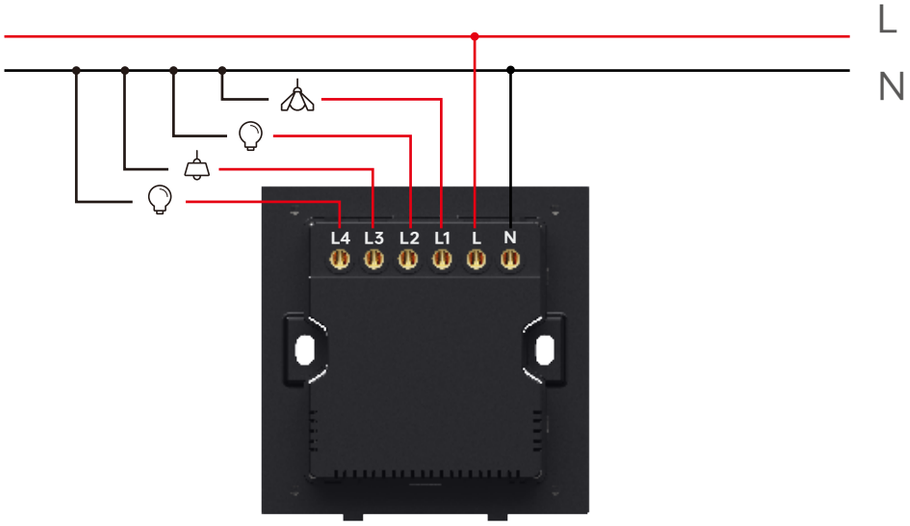




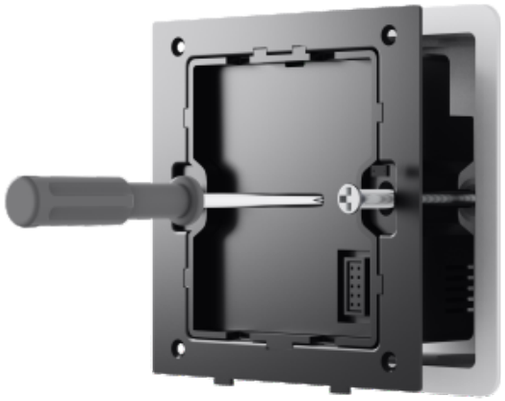
Installation Steps

① Turn off the main power switch and make sure there is no mud or other attachments on the inner wall of the 86 junction box. Reduce the length of the power cord in the junction box to about 10CM and use a flat-blade screwdriver to pry open the bottom box of the smart switch.

② Connect the live wire to the L port of the smart switch, the neutral wire to the N port, and the lamp control wires to the L1/L2/L3/L4 ports in sequence. Make sure that the power wire is in good contact with the switch terminal and there is no exposed copper wire.
(The pre-protection device of the electronic switch cannot be higher than 35A)



③ First, fix the bottom box to the wall box with screws, and then align the panel with the buckle and fasten it onto the bottom box, so that the bottom box fits the wall.



Fixed wall cassette

The panel is fastened onto the bottom box

④ Align the panel with the buckles and snap it onto the bottom box. After removing the disposable keypad, install the corresponding metal keypad, and turn on the main power switch. Press the smart switch button and the lamp can be controlled normally, indicating that the installation is correct.
Note: It is recommended to disassemble and assemble the keypad after the decoration is completed.

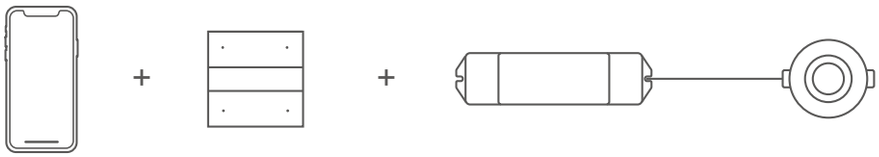
Remove the disposable keypad

Find the corresponding metal keypad

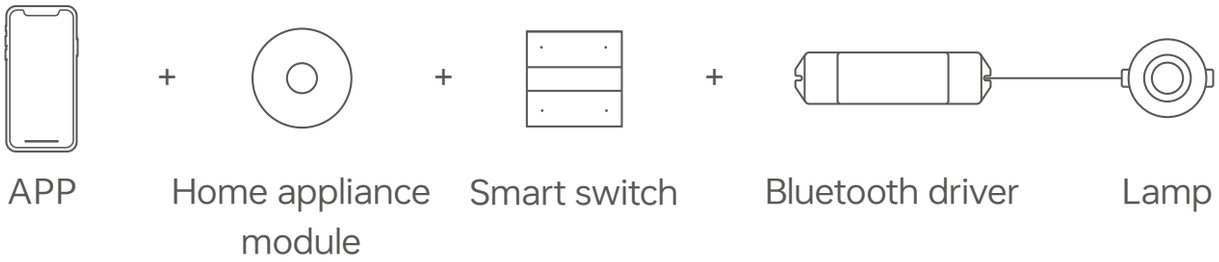
Close the metal keypad

Recommended Applications

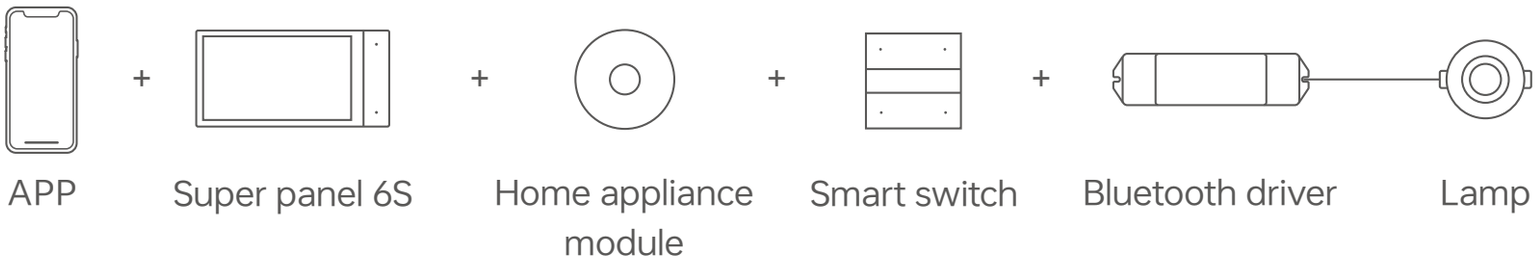
1. Work with a bluetooth driver, realizing wireless control of lighting fixtures.



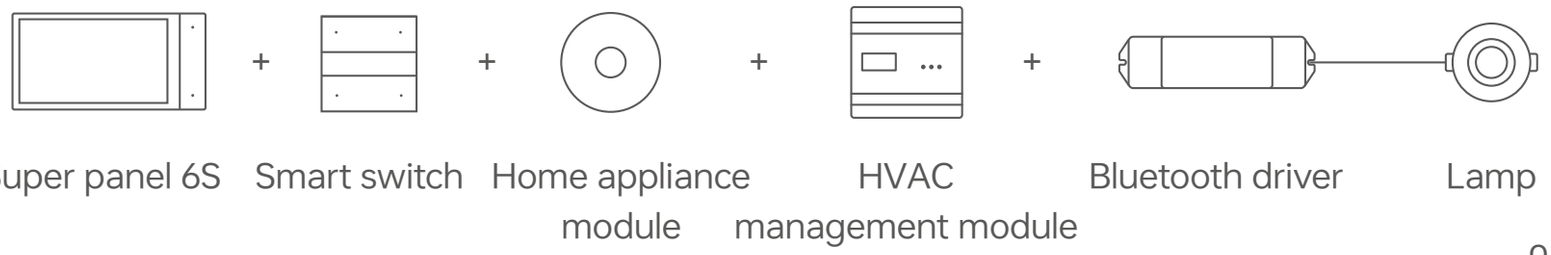
2. Support local scenarios, without gateway, and controllable in network disconnection.



3. Work with intelligent gateway, it can realize visual control, cloud scene and automatic linkage.



4. It is compatible with more third-party platforms via smart automation solution.



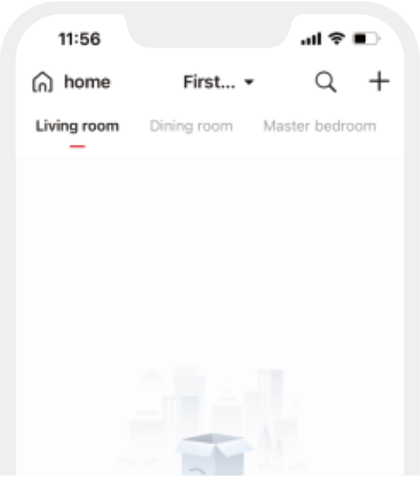
App Operating Instructions

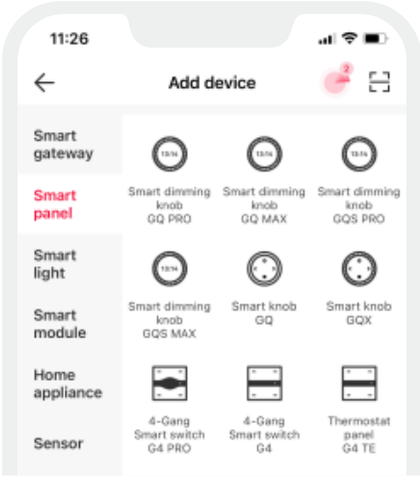
1. Register an account

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

2. Configure

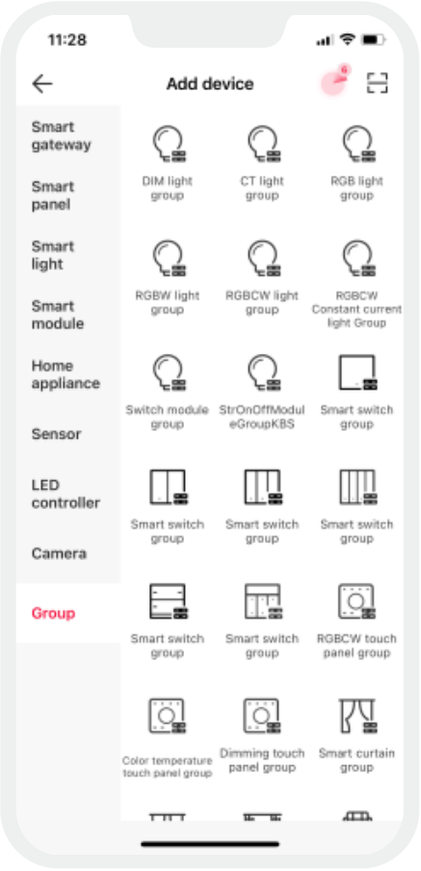
After a new user creates a family on the APP, click "+" in the upper right corner of the 【Room】 interface to add a device. Select "Smart Panel" in the list of added devices and follow the on-screen prompts to complete the addition.

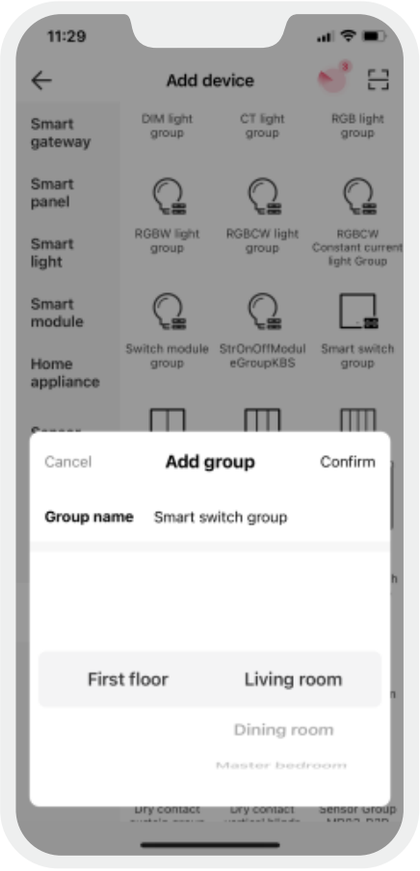




3. Create a panel group

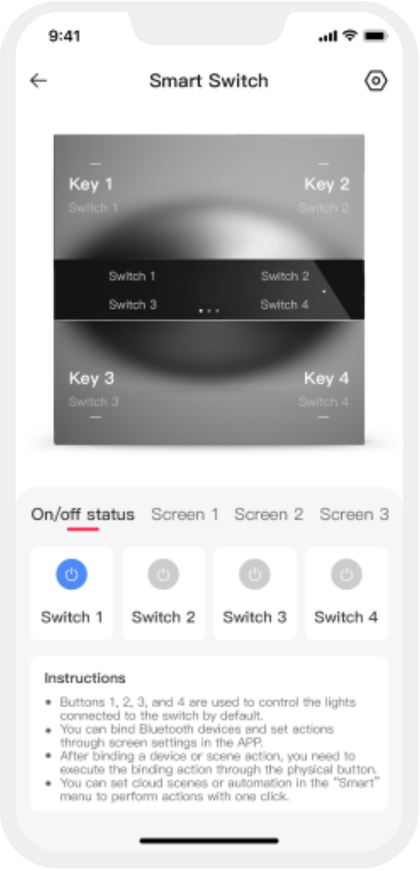
In the 【Room】 page, click the "+" in the upper right corner to add a device. Select "Group-Smart panel Group" in Add Device. Create a group and set the group name and the room it belongs to. Click the device to be added to the group. After successful creation, the sub-devices in the group will synchronize the data of the panel group to achieve synchronous control.

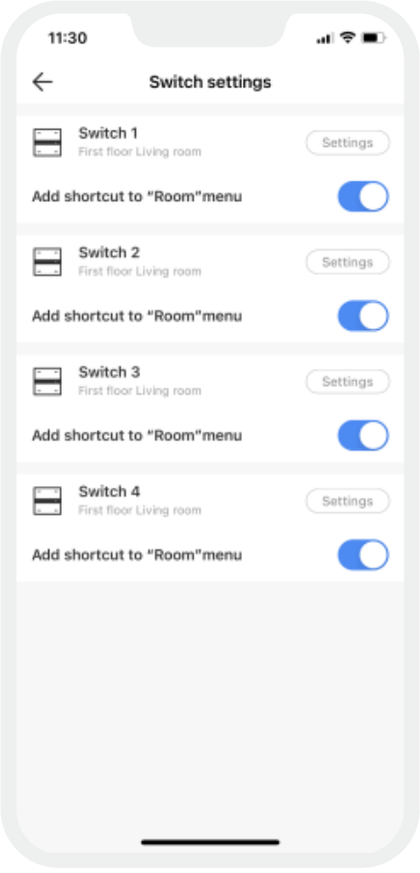




4. Relay individual control function

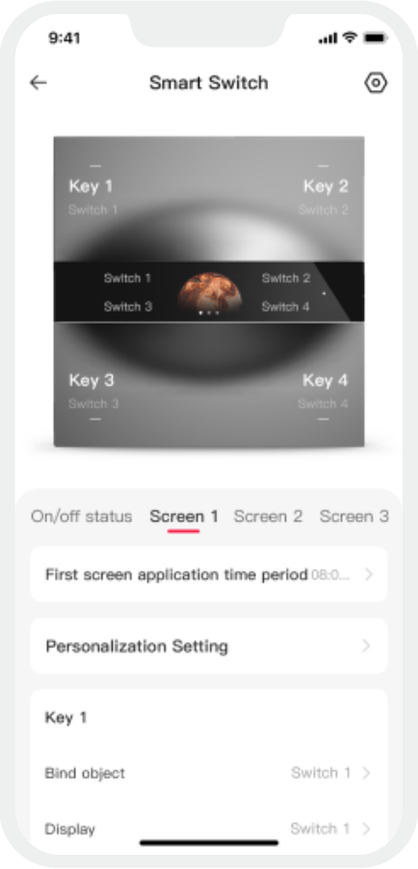
Select "On/off status" at the bottom of the control details page to directly control the relay.
In the【Switch Settings】option on the【Settings】page, you can set the relay shortcut card.

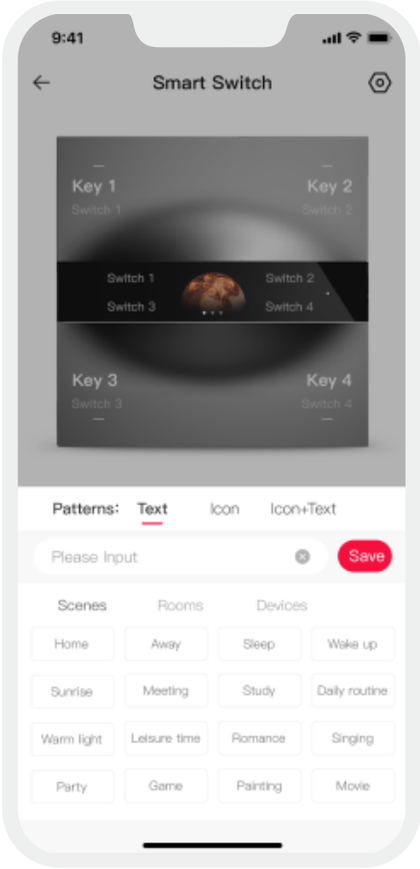




5. Device binding and screen display settings

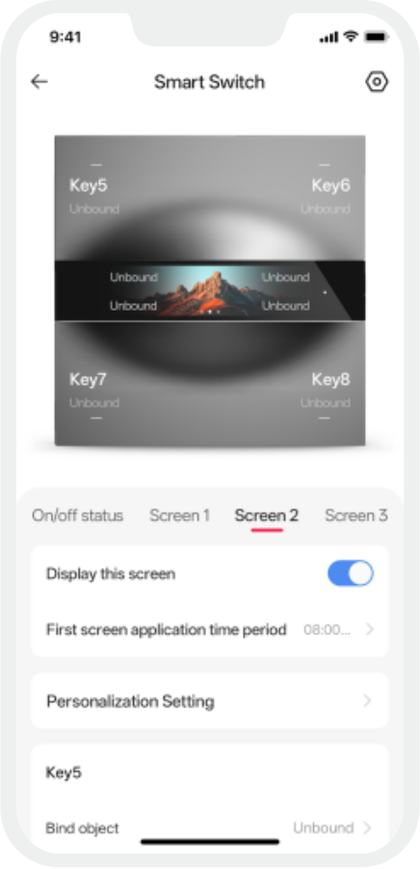
Select the corresponding screen at the bottom of the control details page, select the corresponding button and set the binding object "Device" and set the short press/long press action, then select the corresponding screen to set it. After the setting is completed, save it.

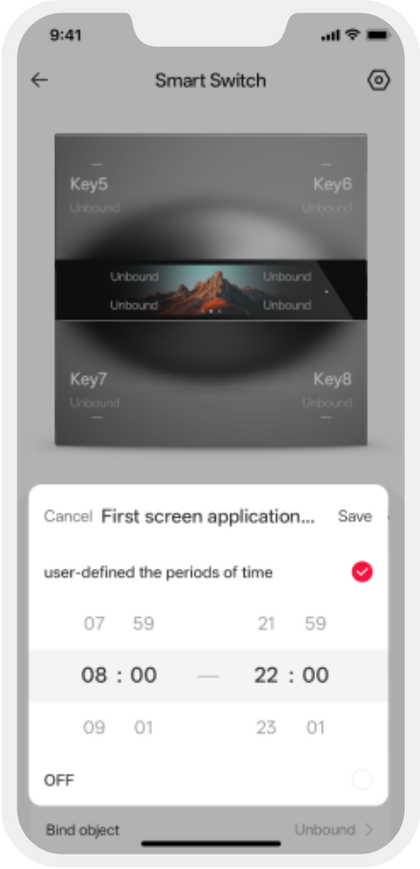




6. Time-sharing control

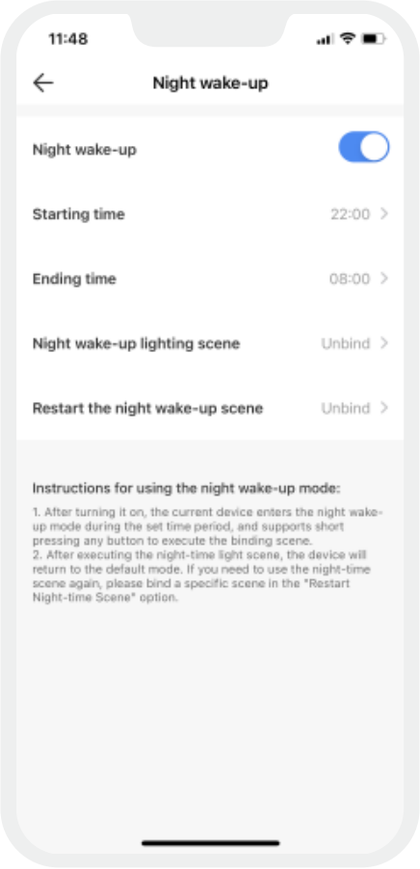
In the【Control】page, click "First screen application time period" to set the time period for the corresponding screen to be displayed on the home page. After the setting is completed, save it. (This function needs to be used with smart gateways, such as Super Panel 12S, Super Panel 6S, Super Panel 4S, G4 MAX, etc.)

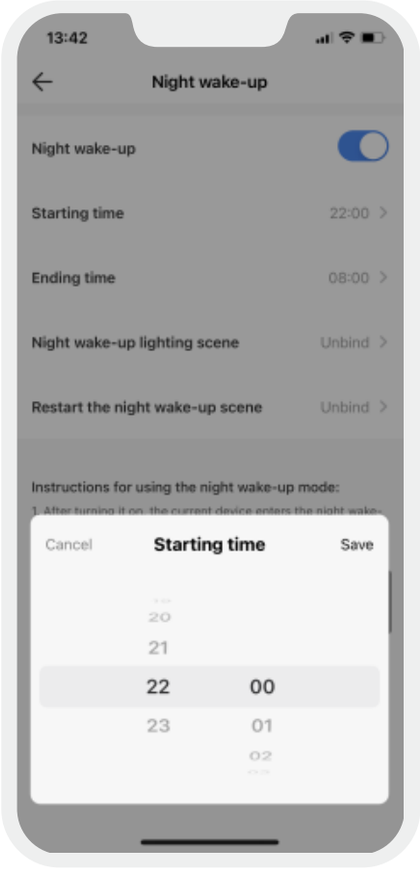




7. Night wake-up mode

In the 【Settings】 interface, click on "Night wake-up mode" to set the execution time for the night mode.Once enabled, the current device will enter night mode at the scheduled time, and any button can be used to trigger the bound scene.After executing the night lighting scene, the device will revert to the default mode. If you need to use the night scene again, please click "Restart Night Scene" to bind a specific scene.

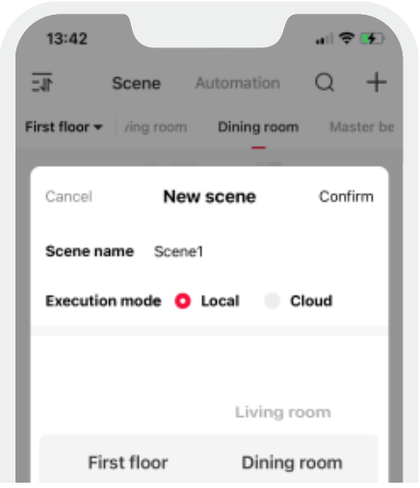




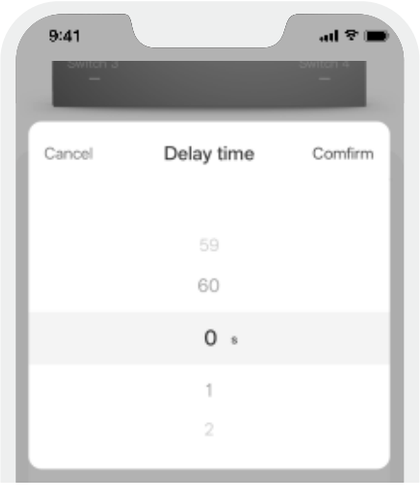
8. Local scene

Create a local scene:
Switch to the 【Smart】 page, click "+" in the upper right corner to create a local scene, and after setting the execution action, you can realize the local linkage of Bluetooth devices.

Binding local scenes:
On the control details page, select the corresponding screen, click on the corresponding button, and set the binding scene. You can choose the scene execution time. Once saved successfully, a short press of the button will immediately execute the bound scene, while a long press will delay the execution of the bound local scene.



Creating a local scene



Bind the local scenario execution time settings

9. Cloud scenes and automation

Make sure that a smart gateway, such as Super Panel 6S, has been added to the family.

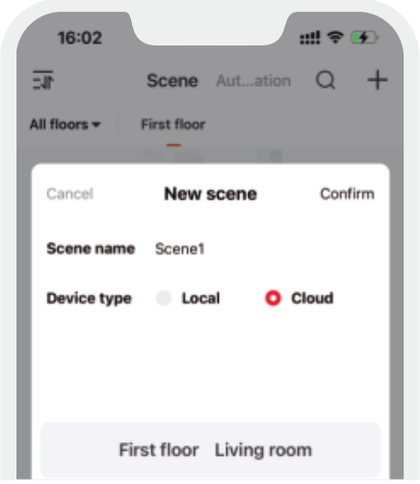
Cloud scenes:

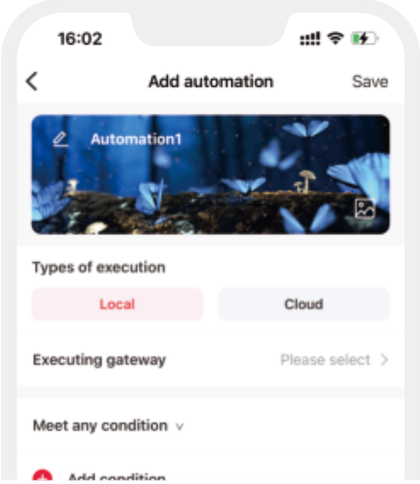
Switch to the【Smart】interface and click “+” to create a cloud scene. After setting the execution action, remote linkage can be achieved.

Automation:

Select “Automation” in the【Smart】page and click “+” to create automation. You can choose local/cloud execution mode,and set trigger conditions and execution actions. When the set trigger conditions are met, a series of device actions are automatically triggered to achieve remote linkage.

Note: Smart switches can be set as trigger conditions or as execution actions.





FAQs

1. How to restore factory settings?

Press and hold the last button for 15 seconds until all the indicator lights flash rapidly, then release. Within 3 seconds, press the same button three times quickly. The indicator lights will flash slowly, and once the device has been restored to its factory settings, the indicator lights will flash rapidly for 3 seconds.

2. What should I do if the device cannot be searched?

Please check the following options:

- Make sure the device is powered on and activated;
- Make sure the phone and the device are as close as possible, preferably no more than 15 meters;
- Make sure the device has not been added. If it has been added, please manually restore it to factory settings.

3. How to use cleaning mode?

Press and hold the two buttons at the same time for 5 seconds to enter cleaning mode, and the device status is locked; Press and hold the two buttons at the same time for 5 seconds again to exit cleaning mode.

4. What should I do if the panel switch key is unresponsive to touch?

The panel cannot be operated while powered on. If the metal keypad has already been installed, the panel needs to be powered on again to initialize the touch data, which should restore normal functionality.

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.

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.

✳ 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.