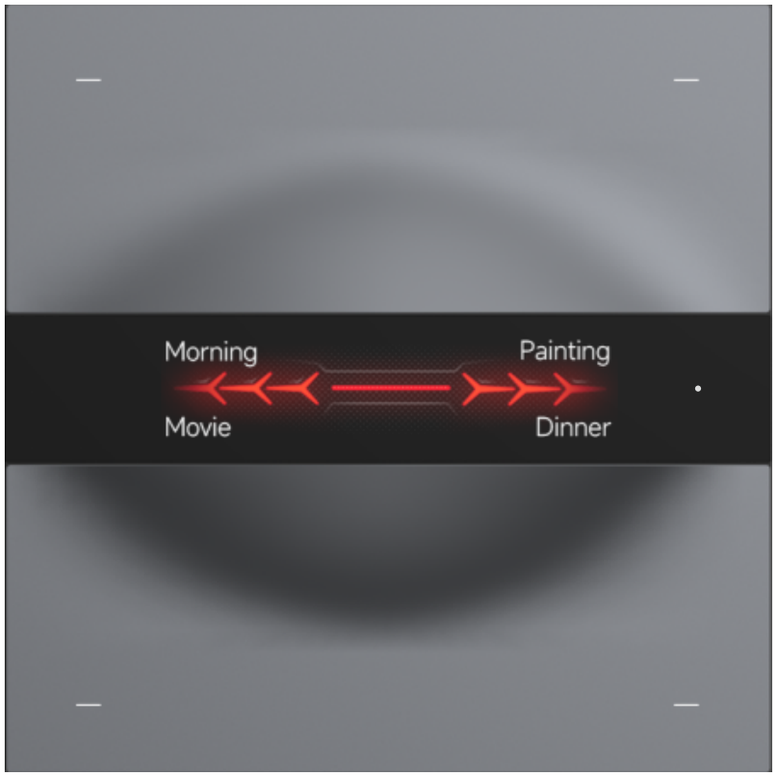
LTECH

Super Smart Switch

Model: G4 PRO



Manual

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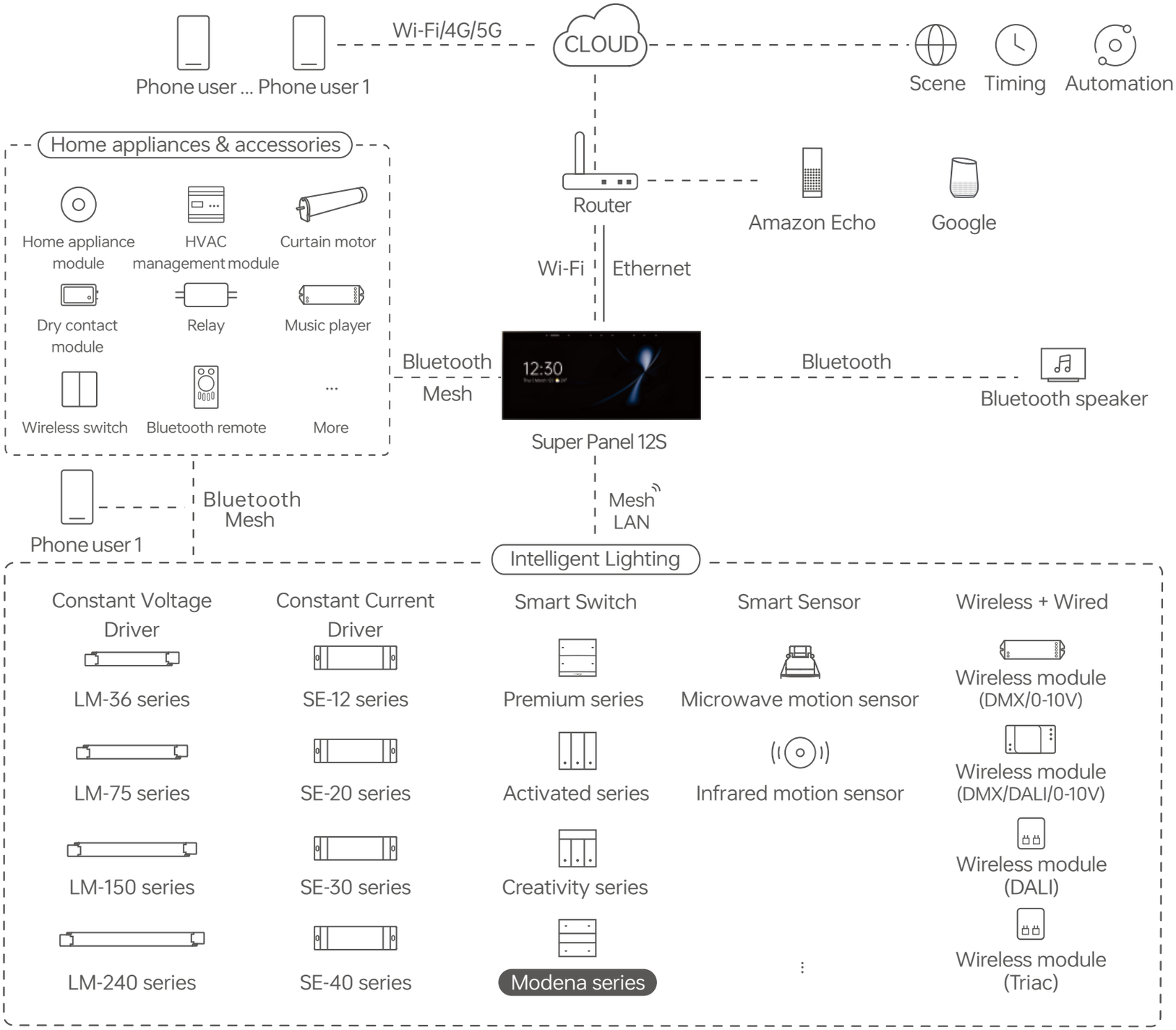
System Diagram



Product Introduction

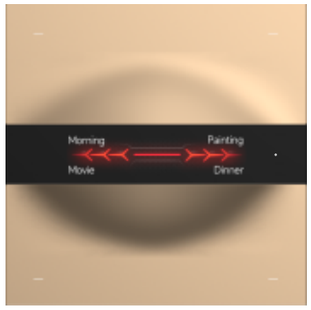
- Curved ripple design, 24K gold feel, G3 curvature button reflects through ultra bright surface, presenting the light and shadow of supercar lines;
- With screen display scene panel, you can customize the Chinese and English display mode, which is more intuitive and clear;
- Bluetooth 5.0 SIG Mesh communication 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

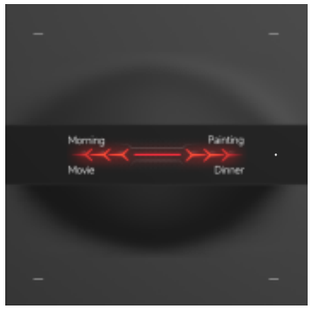
Model	G4 PRO
Wireless type	Bluetooth 5.0 SIG Mesh
Power method	L/N
Input voltage	100-240V~, 50/60Hz,μ
Max. current	≤10A
Single load	LED≤300W, ☼ ≤600W
Channel of load	4CH
Inrush current in loads	Max. 65A@2ms
Standards	GB/T16915.2-2012
Working environment	-20°C~55°C ， Humidity≤80%RH
Net weight	193.5g
Dimensions	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

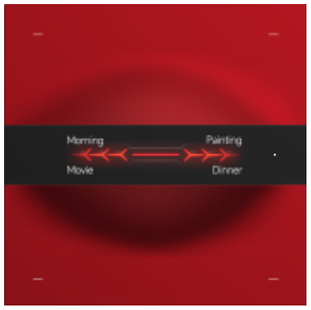
Color Matching



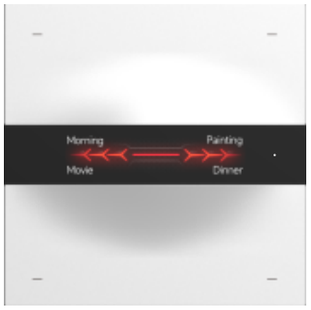
Lamborghini Gold



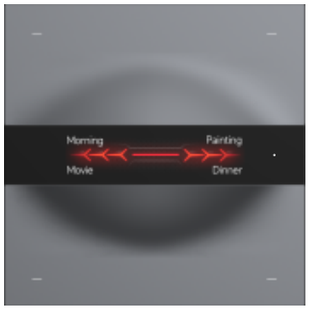
Bugatti Black



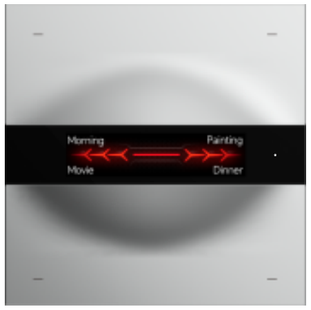
Ferrari Red



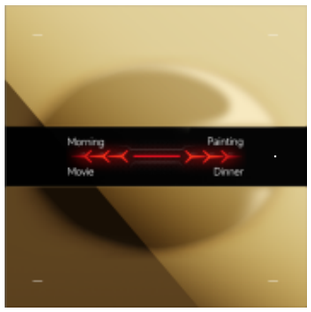
Pagani White



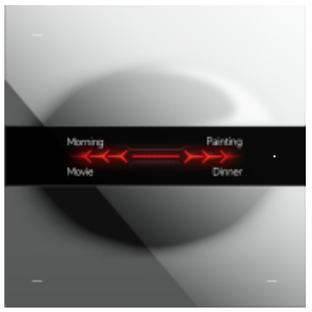
Maserati Gray



Alfa Romeo Silver

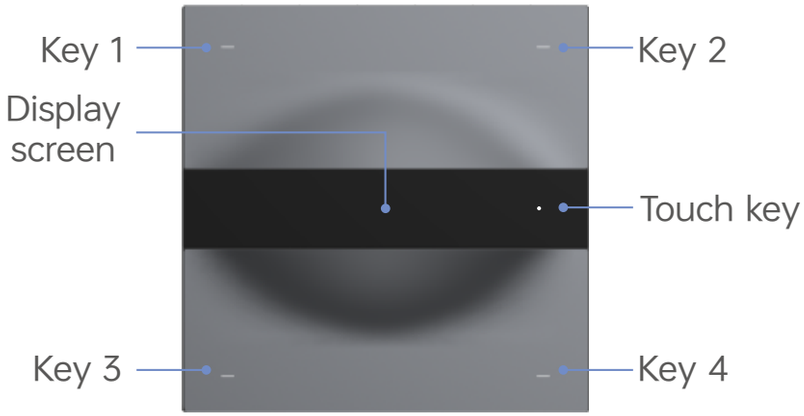


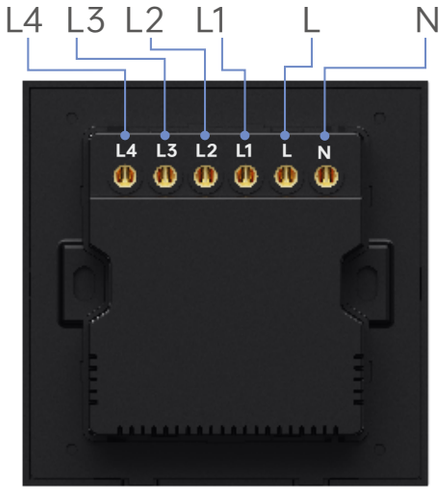
24-Karat Gold



Noble Sliver

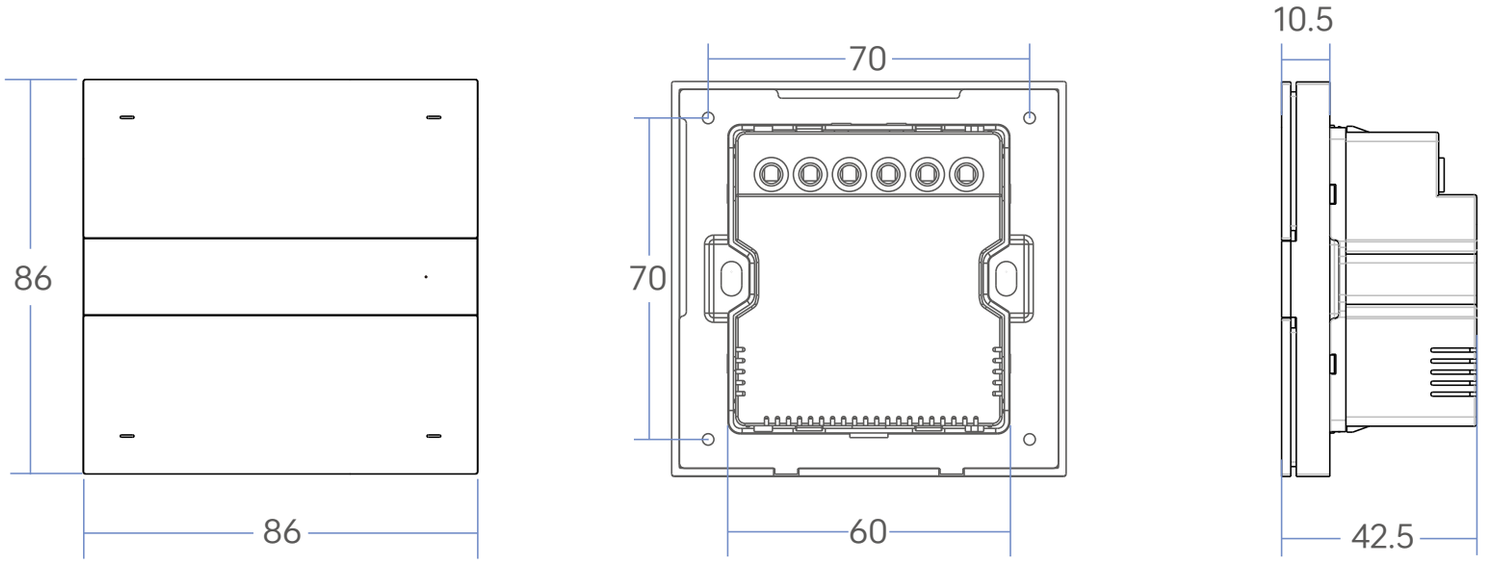
Product Overview





Product Size

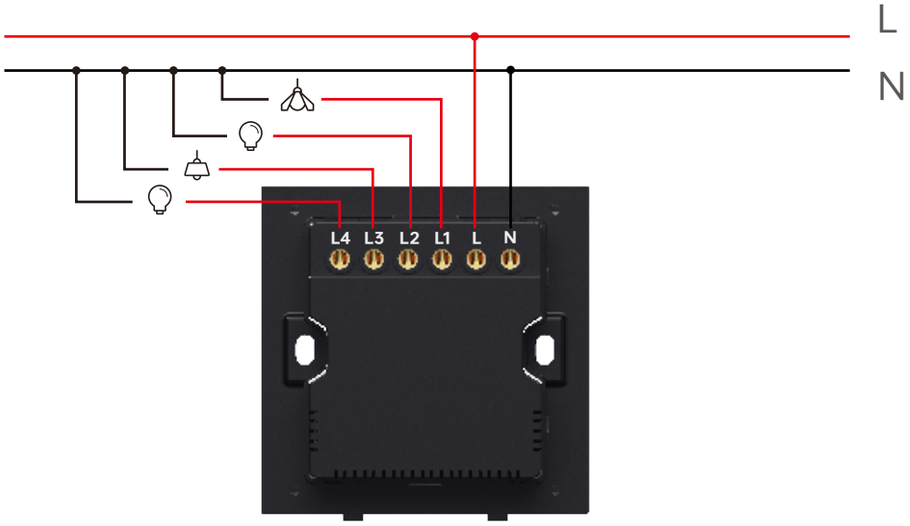
Unit:mm



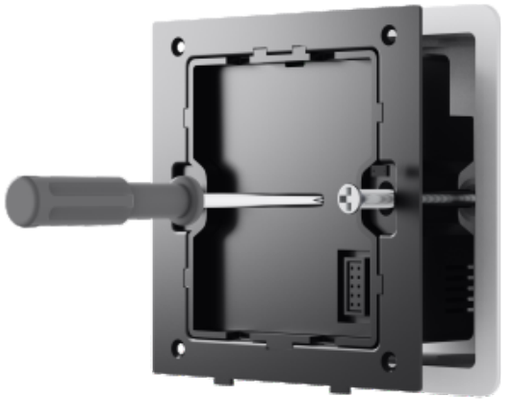
Installation Steps

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.

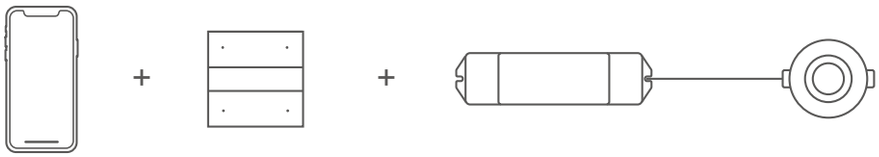
Remove the disposable keypad

Find the corresponding metal keypad

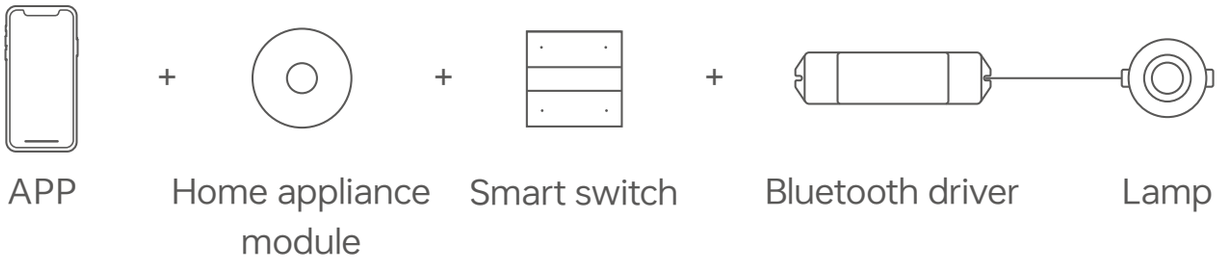
Close the metal keypad

Recommended Applications

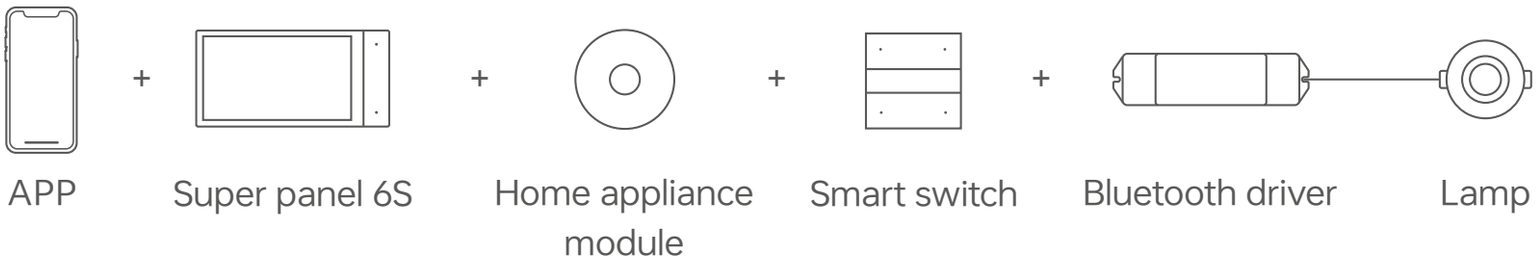
1. Work with a bluetooth driver, realizing wireless control of lighting fixtures.



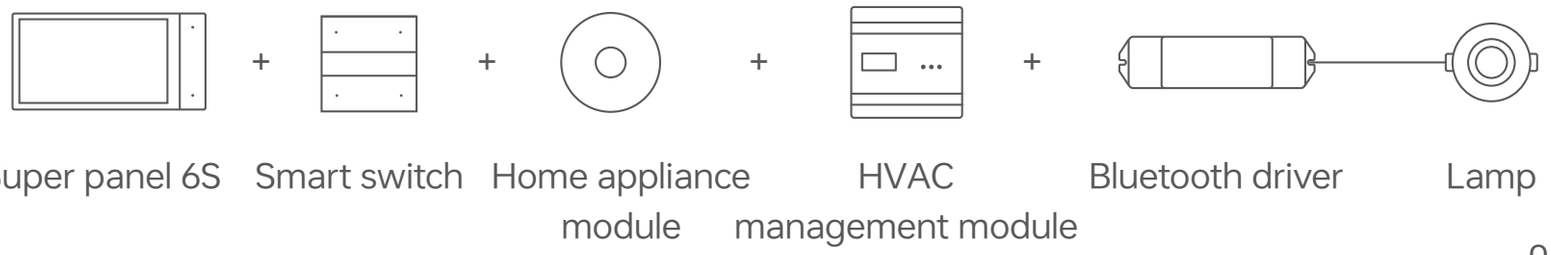
2. Support local scenarios, without gateway, and controllable in network disconnection.



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.



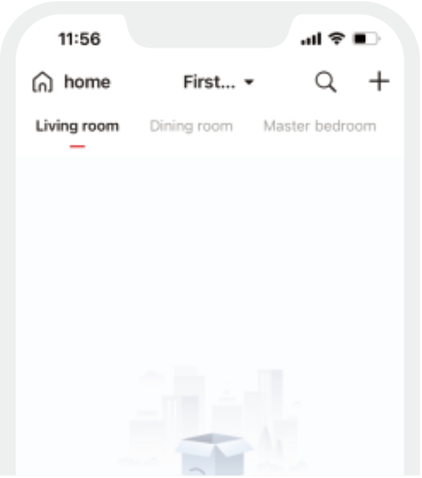
App Operating Instructions

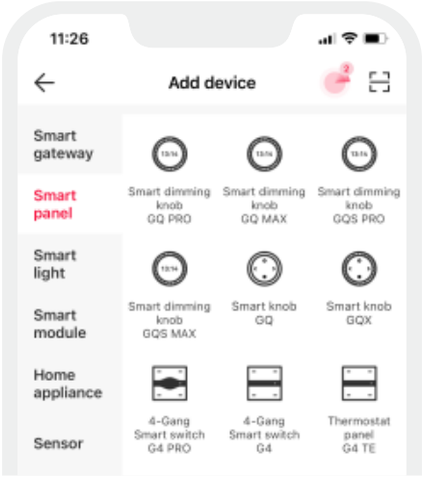
1. Register an account

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

2. Configure

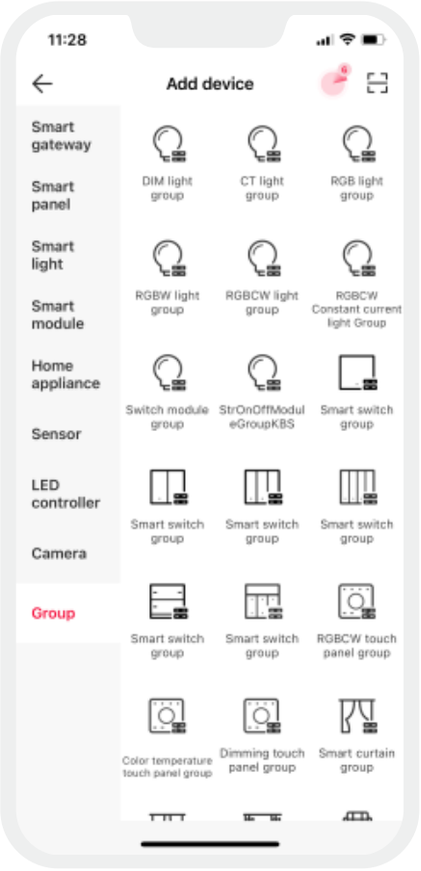
After a new user creates a family on the APP, click "+" in the upper right corner of the 【Room】 interface to add a device. Select "Smart Panel" in the list of added devices and follow the on-screen prompts to complete the addition.

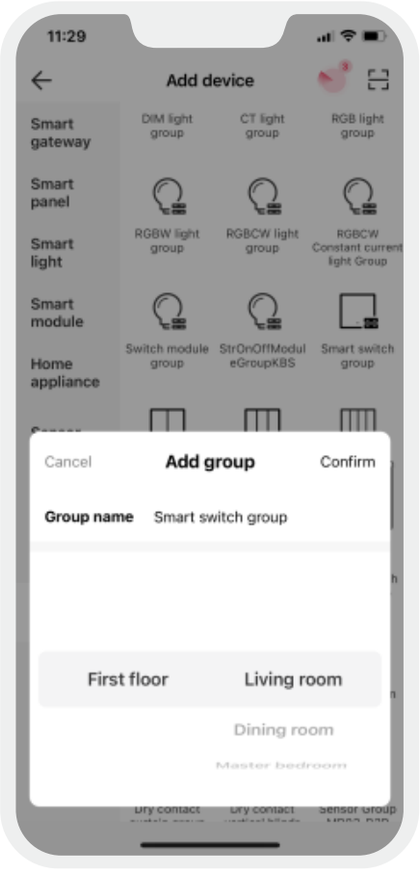




3. Create a panel group

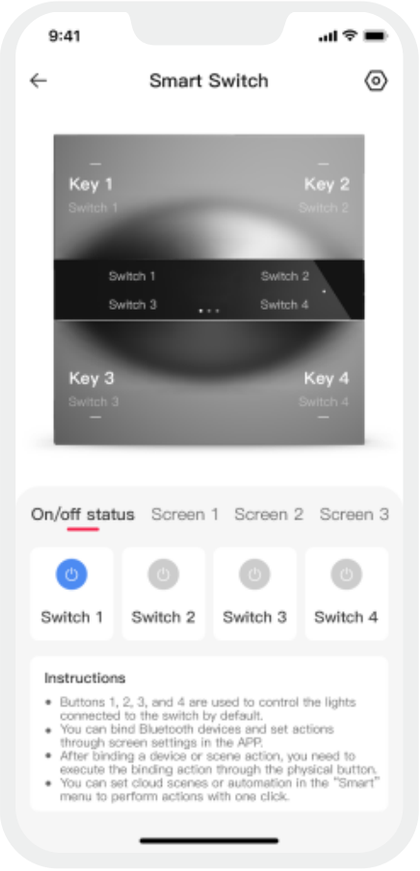
In the 【Room】 page, click the "+" in the upper right corner to add a device. Select "Group-Smart panel Group" in Add Device. Create a group and set the group name and the room it belongs to. Click the device to be added to the group. After successful creation, the sub-devices in the group will synchronize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

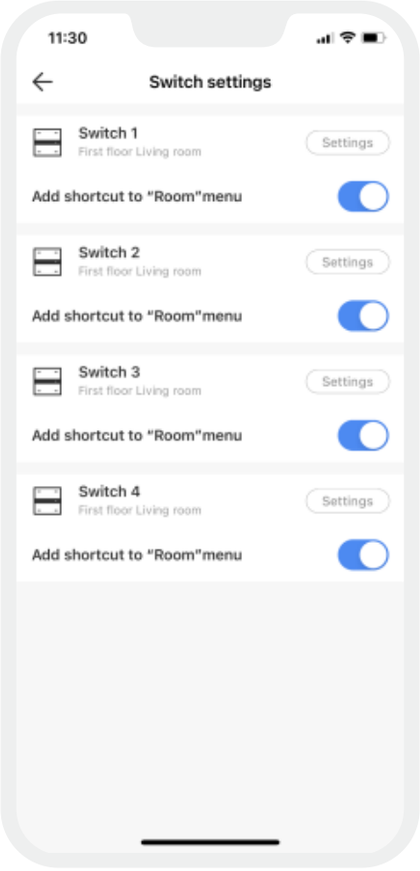




4. Relay individual control function

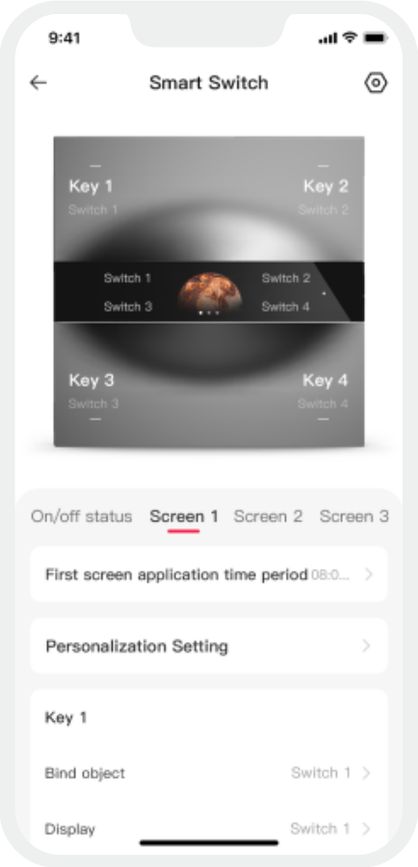
Select "On/off status" at the bottom of the control details page to directly control the relay.
In the【Switch Settings】option on the【Settings】page, you can set the relay shortcut card.

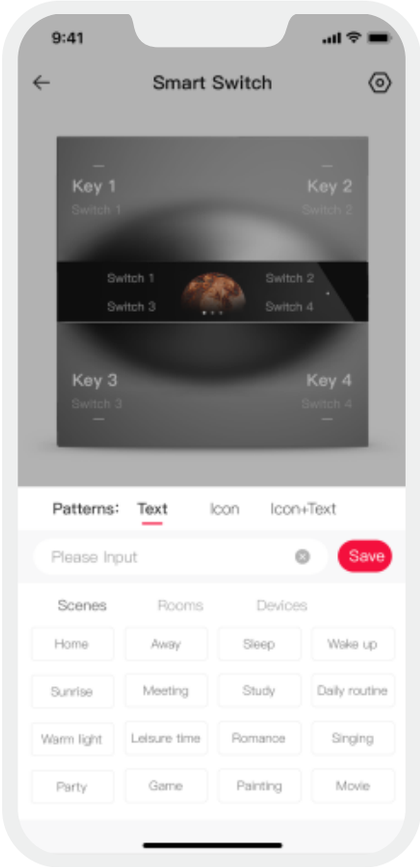




5. Device binding and screen display settings

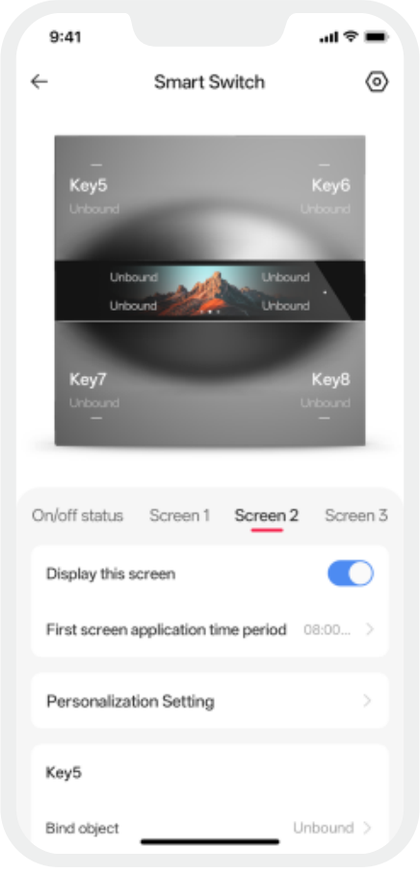
Select the corresponding screen at the bottom of the control details page, select the corresponding button and set the binding object "Device" and set the short press/long press action, then select the corresponding screen to set it. After the setting is completed, save it.

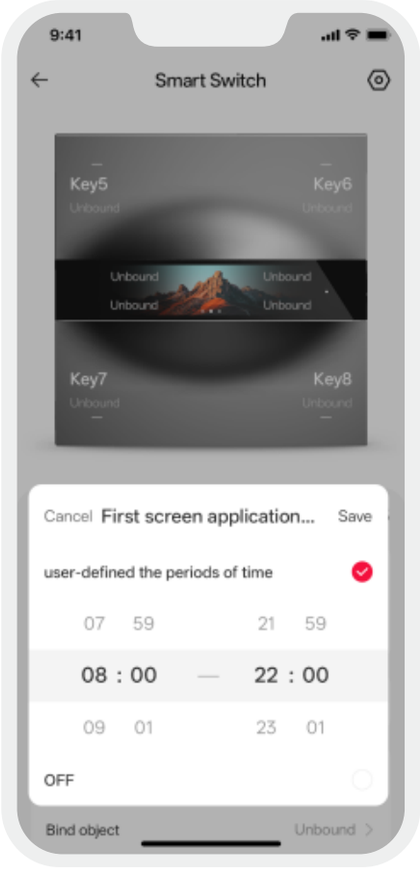




6. Time-sharing control

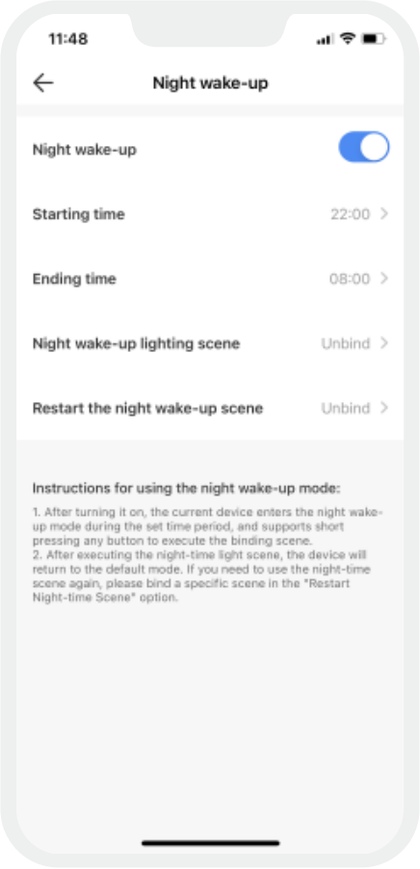
In the【Control】page, click "First screen application time period" to set the time period for the corresponding screen to be displayed on the home page. After the setting is completed, save it. (This function needs to be used with smart gateways, such as Super Panel 12S, Super Panel 6S, Super Panel 4S,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

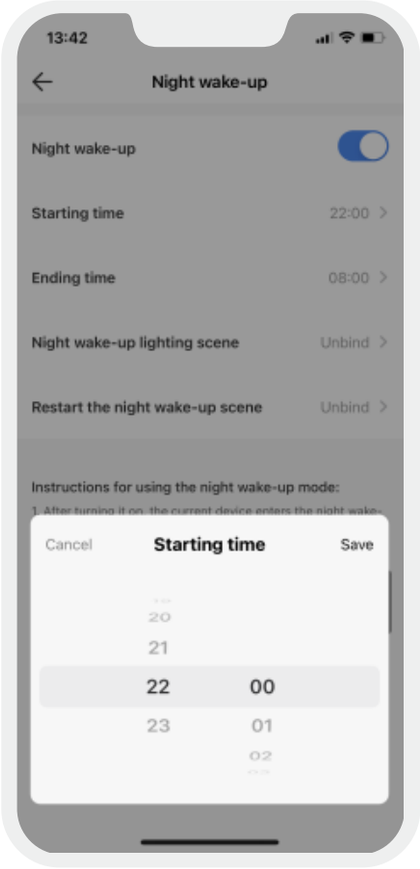




7. Night wake-up mode

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.

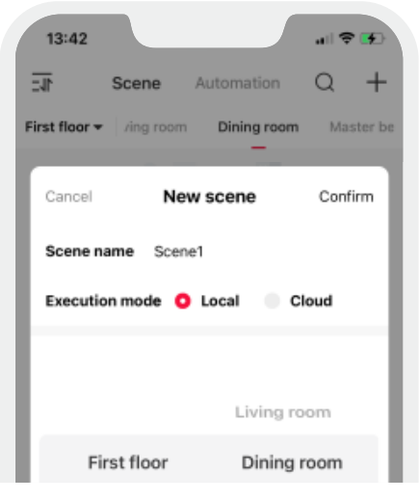




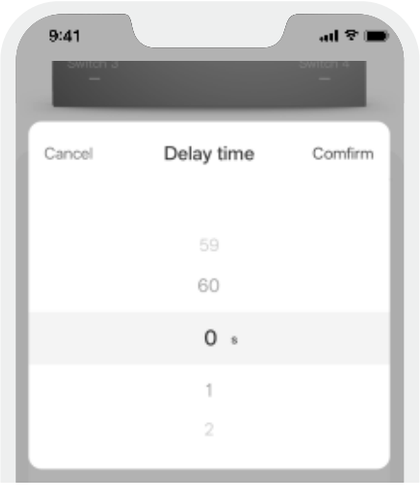
8. Local scene

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.

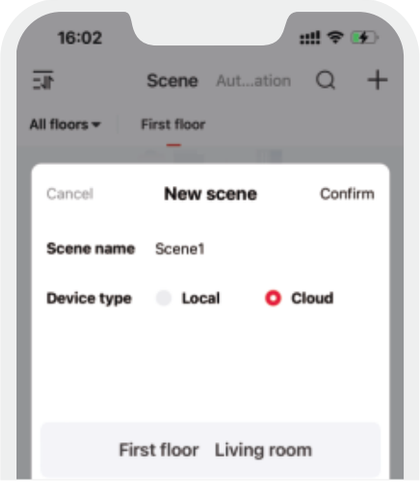
Cloud scenes:

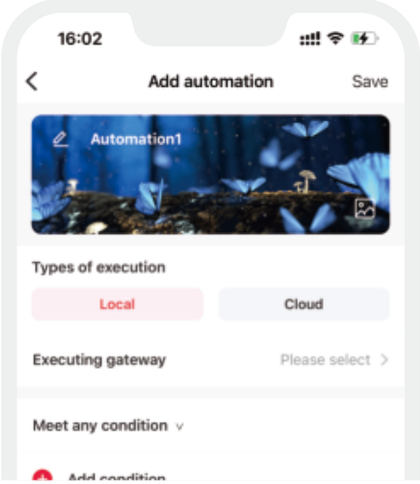
Switch to the【Smart】interface and click “+” to create a cloud scene. After setting the execution action, remote linkage can be achieved.

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.

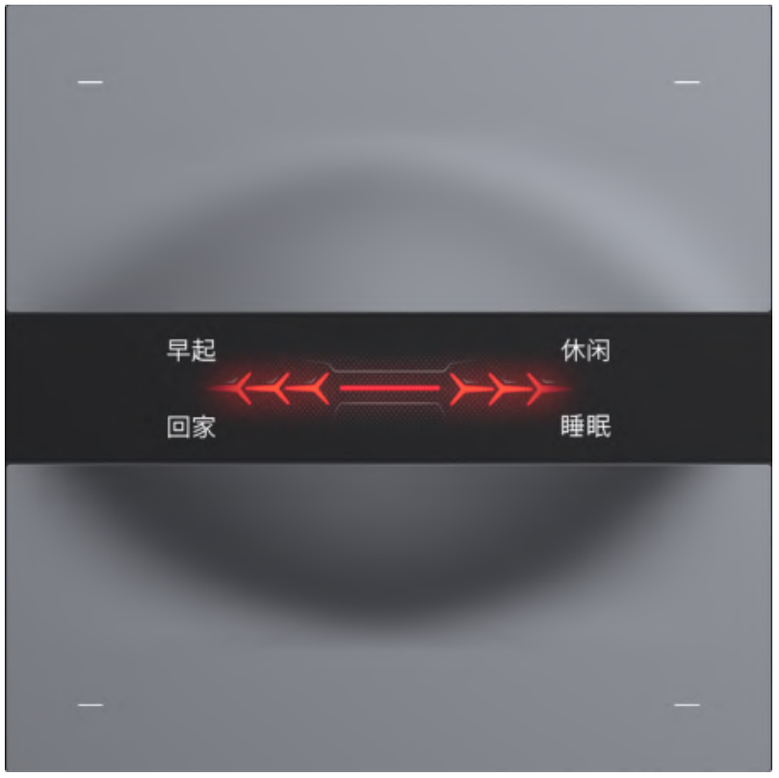
1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

✳ 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.

LTECH

超级智能开关

型号：G4 PRO



使用说明书

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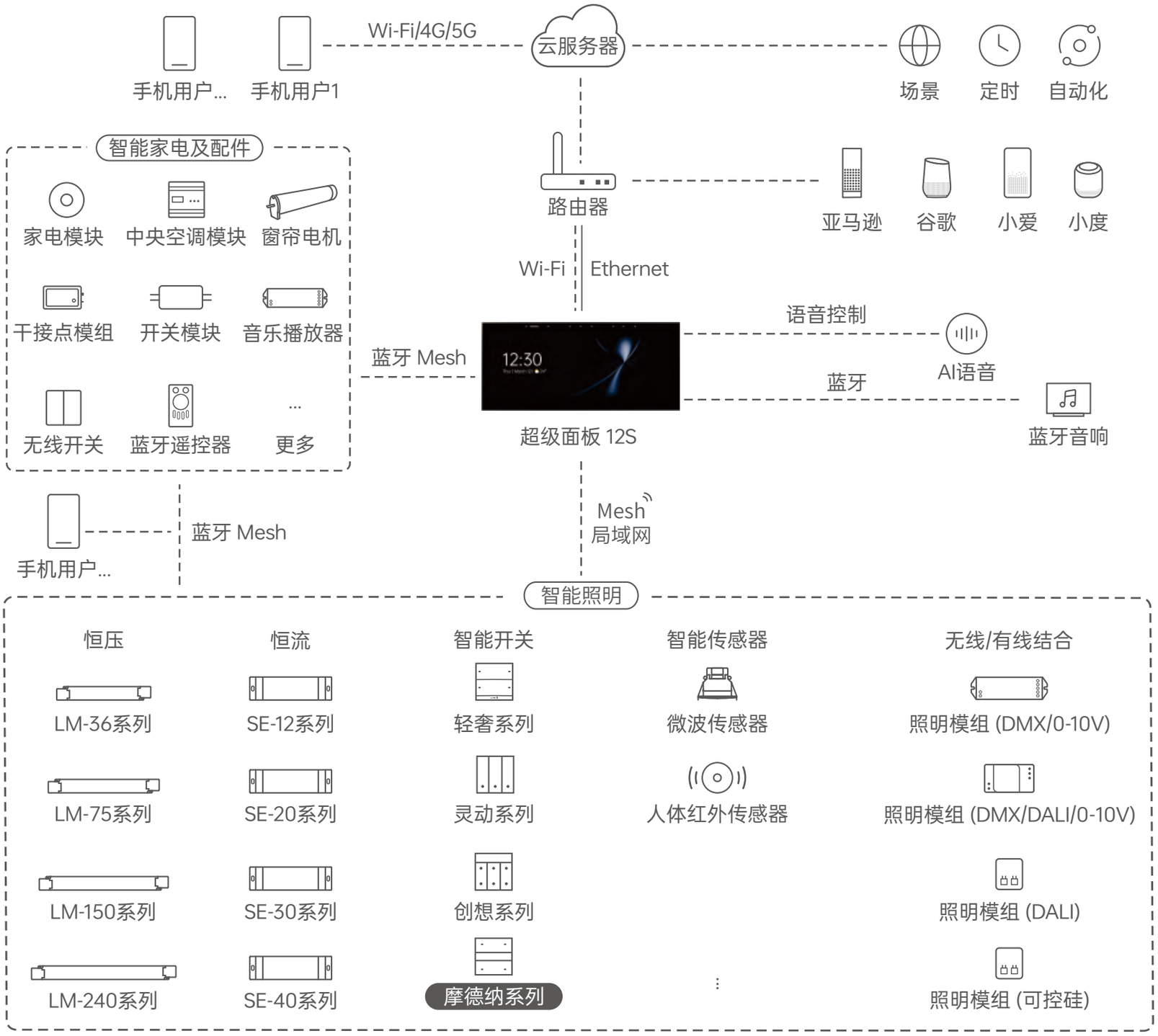
系统图


手机用户...
手机用户1
Wi-Fi/4G/5G
云服务器
场景
定时
自动化
智能家电及配件
家电模块
中央空调模块
窗帘电机
干接点模组
开关模块
音乐播放器
无线开关
蓝牙遥控器
...
更多
路由器
亚马逊
谷歌
小爱
小度
Wi-Fi
Ethernet
语音控制
AI语音
蓝牙 Mesh
12:30
蓝牙
蓝牙音响
超级面板 12S
手机用户...
蓝牙 Mesh
Mesh
局域网
智能照明
恒压
恒流
智能开关
智能传感器
无线/有线结合
LM-36系列
SE-12系列
轻奢系列
微波传感器
照明模组 (DMX/0-10V)
LM-75系列
SE-20系列
灵动系列
人体红外传感器
照明模组 (DMX/DALI/0-10V)
LM-150系列
SE-30系列
创想系列
照明模组 (DALI)
LM-240系列
SE-40系列
摩德纳系列
照明模组 (可控硅)

产品介绍

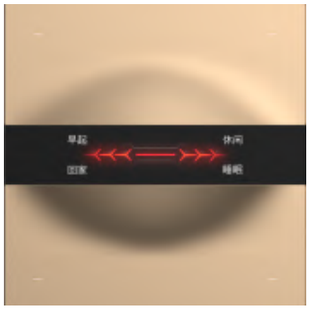
- 曲面涟漪设计，24K金质感，G3曲率按键通过超高亮面反射，呈现超跑线条的光影;
- 带屏显情景面板，可自定义中英文显示方式，更直观清晰;
- 蓝牙 5.0 SIG Mesh 通信协议搭配继电器，传统灯具秒变智能;
- 继电器单独控制功能，实现个性化管理;
- 支持分时控制，满足不同时间段的需求，体验一键切换页面的便捷控制;
- 支持场景延时、起夜模式、清洁模式等多种人性化功能;
- 具备人体感应亮屏功能，实现人近亮屏人远息屏，更节能，减少光污染;
- 搭配智能网关可实现丰富的云场景、云自动化、本地自动化控制方式;
- 支持本地场景，去网关，断网可控，更快更稳定;
- 标准86底盒设计，按键盖板可拆卸，8种颜色随心挑选。

规格参数

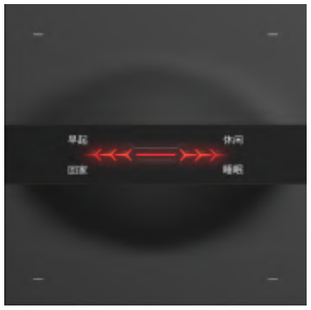
产品型号	G4 PRO
无线类型	Bluetooth 5.0 SIG Mesh
供电方式	零火线供电
额定参数	100-240V~，50/60Hz,μ
最大电流	≤10A
单路负载	LED≤300W, ≤600W
负载路数	4路
负载抗浪涌电流	Max. 65A@2ms
执行标准	GB/T 16915.2-2012
工作温度	-20°C~55°C， 湿度≤80%RH
产品净重	193.5g
产品尺寸	86×86×42.5mm (L×W×H)
颜色类型	兰博基尼金/布加迪黑/法拉利红/帕加尼白/玛莎拉蒂灰
	阿尔法罗密欧银/24K金特别版/尊贵银特别版

Bluetooth® CE RoHS

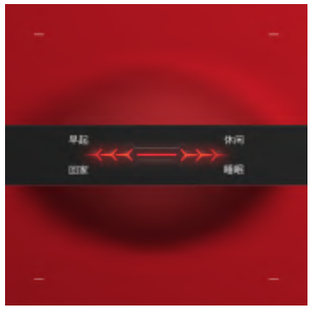
颜色搭配



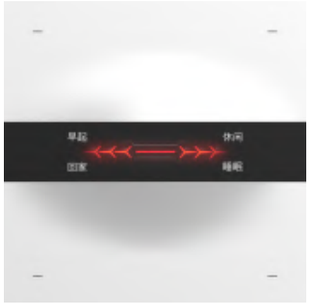
兰博基尼金



布加迪黑



法拉利红



帕加尼白

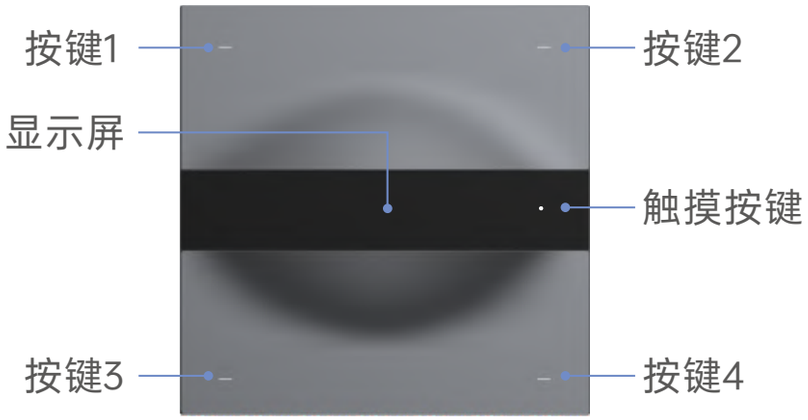
玛莎拉蒂灰

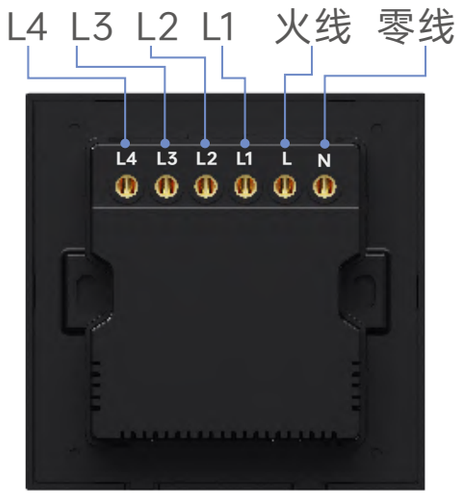
阿尔法罗密欧银

24K金特别版

尊贵银特别版

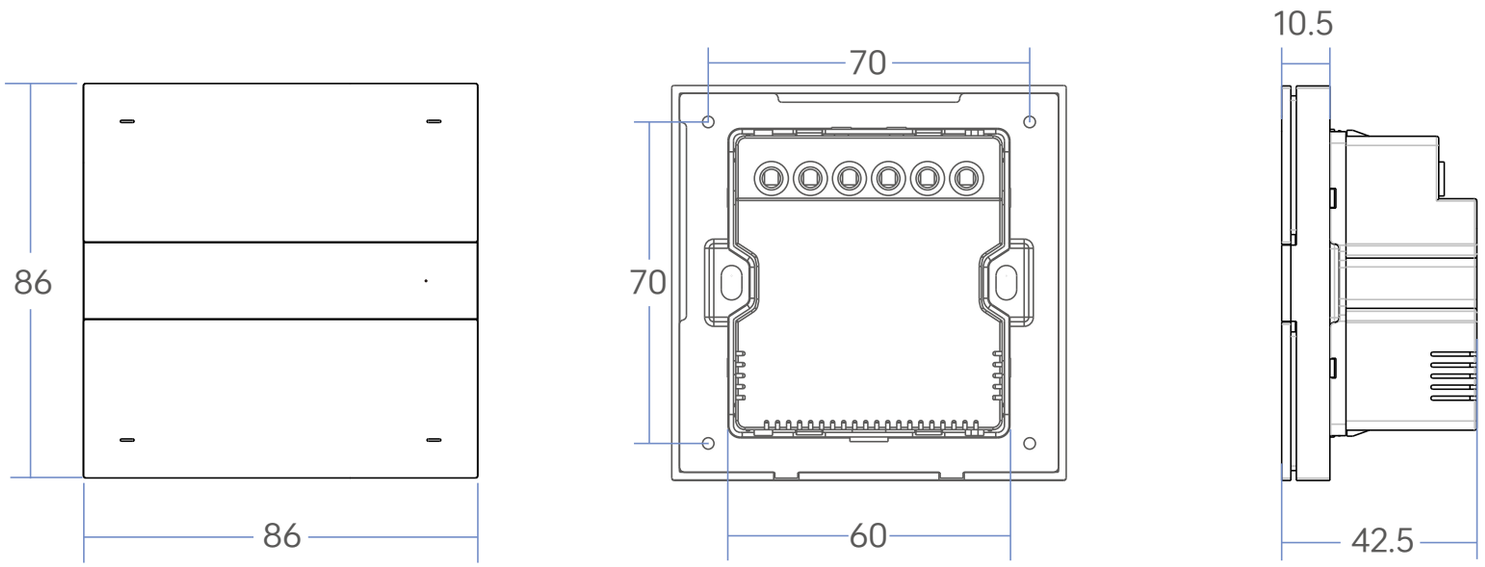
产品图示





产品尺寸

单位: mm

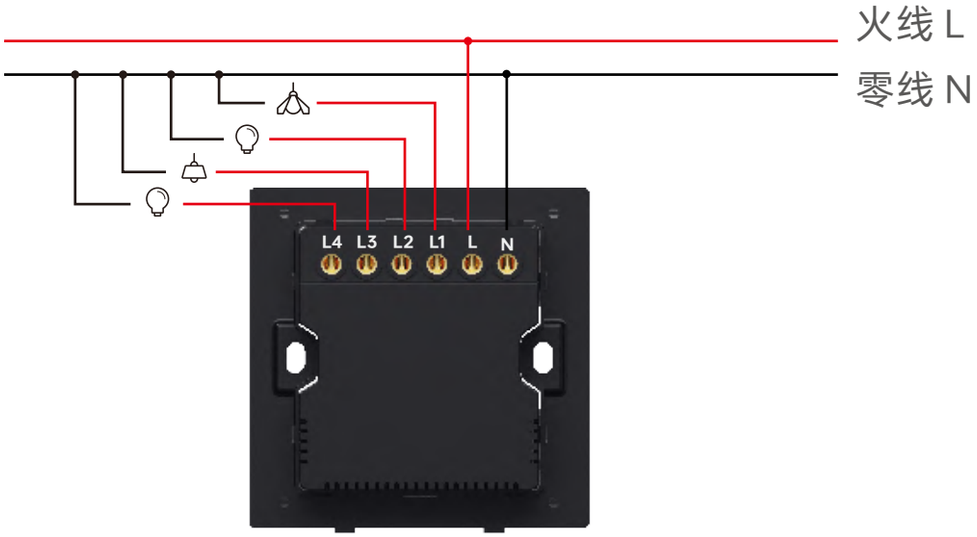


安装步骤

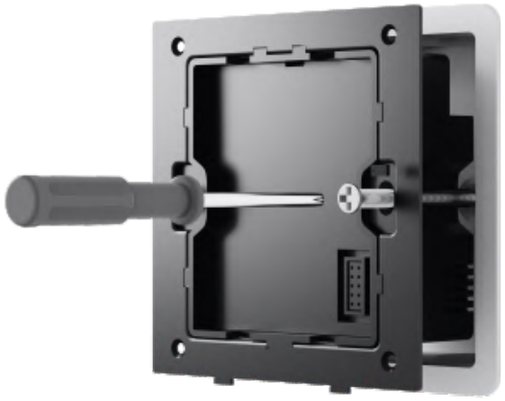
① 关闭电源总闸，并确认86暗盒内壁无水泥等附着物， 将暗盒内的电源线长度修减至10CM左右， 使用一字螺丝刀撬开智能开关底盒。

② 将火线接入智能开关L接口， 零线接入N接口， 各路灯控线依次接入L1/L2/L3/L4接口，确认电源线与开关接线柱接触良好， 无裸露的铜线。

(电子开关的前置保护装置不能小于35A)



③ 先用螺丝将底盒固定到墙壁暗盒中， 再将面板对准卡扣扣合在底盒上，使底盒贴合墙面。



固定墙壁暗盒

面板扣合在底盒上

④ 拆卸一次性按键板后，再安装对应的金属按键板即可。开启电源总闸， 按下智能开关按键，可正常控制灯光即说明安装正确。

注：建议在装修完毕后且断电情况下再拆装按键板。

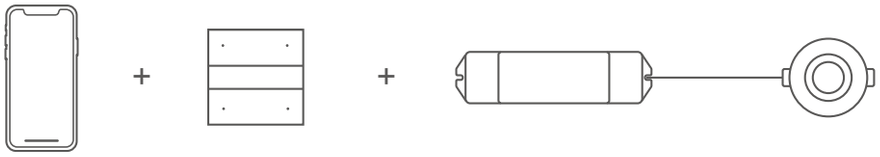
拆下一次性按键板

找到对应的金属按键板

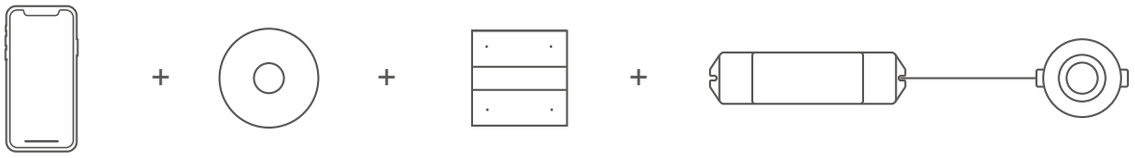
合上金属按键板

应用组合

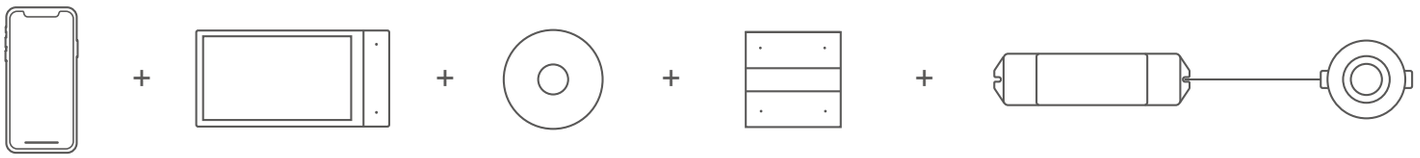
1. 搭配蓝牙驱动器，实现无线控制灯具。



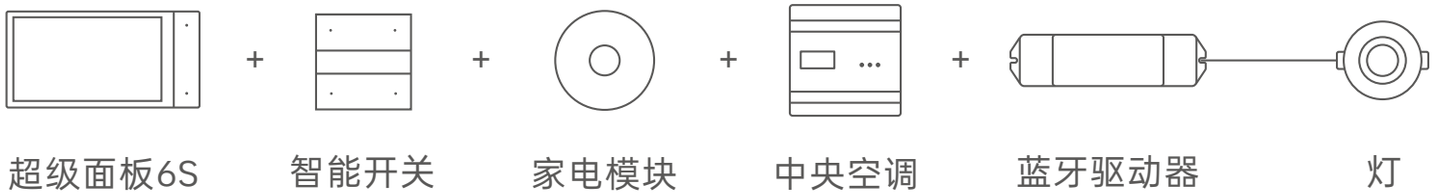
2. 支持本地场景，去网关，断网可控。



3. 搭配智能网关， 实现可视化控制， 云场景、 自动化联动。



4. 全宅智能家居解决方案，可兼容更多第三方平台。



APP操作说明

1. 账号注册

通过手机扫描下载二维码，按提示完成APP安装后即可进行登录/注册操作。

2. 配网操作

新用户在APP上创建家庭后，在【 房间 】界面点击右上角“+”进行添加，在添加设备列表中选择“智能面板”后，按照界面提示完成添加即可。

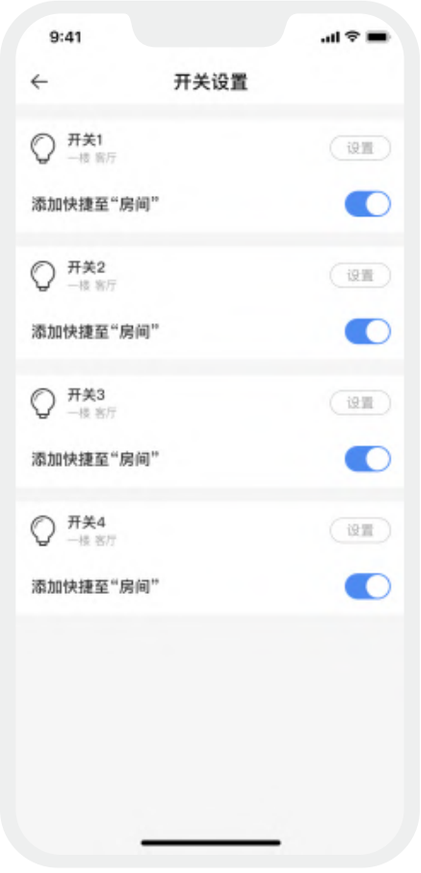
3. 创建面板组

在【房间】 界面点击右上角“+”进行添加，在添加设备中选择“群组—智能开关组”， 创建群组并设置群组名称及所属房间，点击要加入群组的设备即可。创建成功后，群组内的子设备将同步面板组的数据，实现同步控制。

4. 继电器单独控制功能

选择控制详情页面下方的“开关状态”即可直接控制继电器。

在【设置】页面的【开关设置】选项可设置继电器快捷卡片。



5. 绑定设备和屏显设置

在控制详情页面，选择对应屏幕，点击对应按键并设置绑定场景，同时可设置对应屏显内容，设置完成后，保存即可。

6. 分时控制

在【控制】界面中，点击“首屏应用时间段”，设置对应屏幕显示在首页的时间段，设置完成后保存即可。

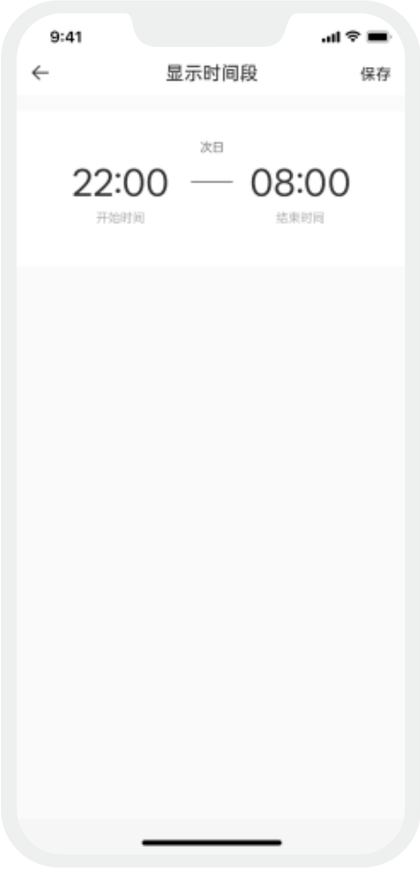
(该功能需要搭配智能网关使用，例如：超级面板12S、超级面板6S、超级面板4S、G4 MAX等)

7. 起夜模式

在【设置】界面中，点击“起夜模式”，设置起夜模式执行时间。

开启后，当前设备在设定时间进入起夜模式，支持任意一按键执行绑定场景。

执行起夜灯光场景后，设备将恢复默认模式。如需再次使用起夜场景，请点击“重启起夜场景”绑定特定场景。



8. 本地场景

创建本地场景：

切换到【智能】界面， 点击右上角“+”创建本地场景，设置执行动作后，即可实现蓝牙设备的本地联动。

绑定本地场景：

在控制详情页面，选择对应屏幕，点击对应按键并设置绑定场景，可选择场景执行时间，保存成功后，通过短按按键立即执行所绑定的场景，长按延迟执行所绑定的本地场景。

创建本地场景

绑定本地场景执行时间设置

9. 云场景与自动化

确保家庭内已添加智能网关， 如超级面板6S。

云场景：

切换到【智能】界面，点击“+”创建云场景。设置执行动作后，即可实现远程联动。

自动化：

在【智能】界面中选择“自动化”，点击“+”创建自动化。可选择本地/云端执行方式，以及设置触发条件及执行动作。 当满足已设置的触发条件时， 自动触发一系列设备动作， 实现远程联动。

注：智能开关既可设置为触发条件，亦可作为执行动作。

常见问题

1. 如何恢复出厂设置?

长按最后一个按键15秒，直到所有按键指示灯快闪后松开，在3秒内短按同一按键3次，指示灯慢闪，设备恢复到出厂状态后，指示灯快闪3秒。

2. 设备一直搜索不到怎么办?

请检查以下选项:

- 确保设备正常通电， 并且处于配网状态;
- 确保手机与设备两者尽量靠近， 建议不超过15米;
- 确保设备未被添加过， 如被添加过， 请手动恢复出厂。

3. 如何使用清洁模式?

同时长按下方两个按键5秒进入清洁模式，此时设备状态锁定；再次同时长按下方两个按键5秒则退出清洁模式。

4.面板切换键触摸不灵怎么办?

面板不能带电操作，若已装上金属按键板，面板需重新通电进行触摸数据初始化，可恢复正常。

注意事项

- 本产品请由具有专业资格的人员进行调试安装;
- 良好的散热条件会延长产品的使用寿命，请把产品安装在通风良好的环境;
- 安装时，避免靠近大面积金属物体，或堆叠摆放，以免信号干扰影响使用;
- 请检查使用的工作电压是否符合产品的参数要求;
- 通电调试前，确保所有接线正确且牢固，以免短路损坏部件，触发事故;
- 如果发生故障，请勿私自维修；如果有疑问，请联系供应商。

保修条例

- 自出厂之日起保修服务期为2年。
- 在保修服务期内出现产品质量问题雷特将给予免费修理或更换服务。

非保修条例:

属下列情况不在免费保修或更换服务范围之内:

- 已经超出保修服务期;
- 过高电压、超负载、操作不当等人为造成的损坏;
- 产品外形严重损坏或变形;
- 自然灾害以及人力不可抗拒原因造成的损坏;
- 产品保修标签和产品唯一条形码损坏;
- 无雷特签订的合同或发票凭证。

1. 修理或更换是雷特对客户的唯一补救措施。雷特不承担任何附带引起的损害赔偿责任，除非在适用法律范围之内。
2. 雷特享有修正或调整本保修条款的权利，并以书面形式发布为准。

＊ 本说明书的内容如有变更, 恕不另行通知。若内容与您使用的功能有所不同, 则以实物为准。如有疑问, 欢迎向我司授权的经销商咨询。