

RELAY-BLE01

Switch module

- Small size and light weight.
- Bluetooth 5.0 SIG Mesh with high networking capability is reliable and stable.
- Zero -crossing detection extends the life of a switch.
- Support online upgrade, cloud scenes and automation.
- Support direct control on iOS or Android devices through Bluetooth connection.
- Controlled by a remote, a wireless panel or a group via a LAN network without connecting to a gateway.
- Work with the Super Panel to achieve remote control.

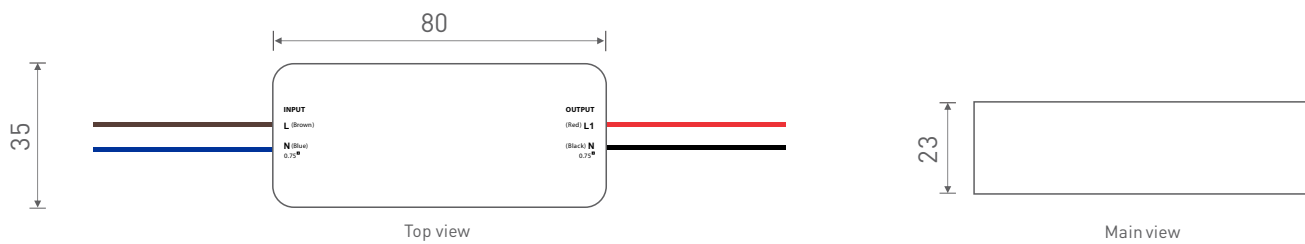


Technical Specs

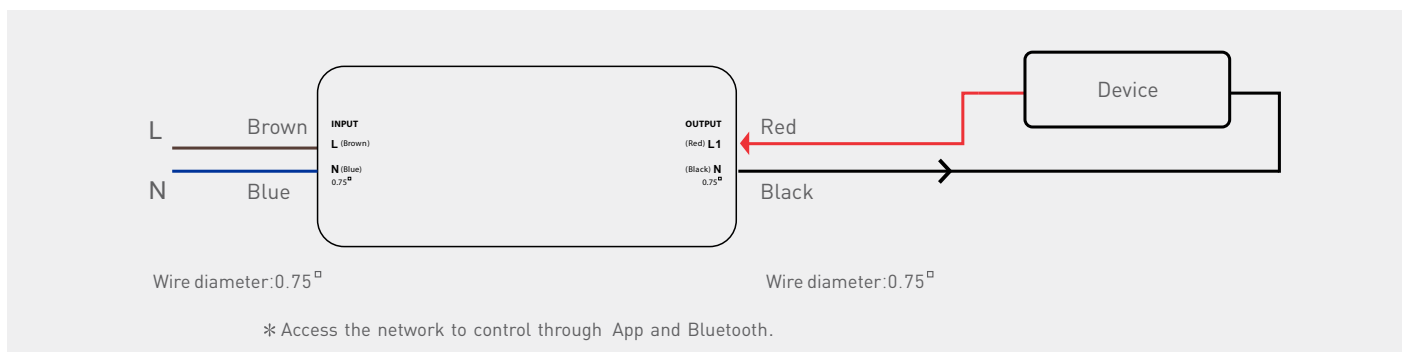
Model	RELAY-BLE01
Wireless Protocol Type	Bluetooth 5.0 SIG Mesh
Working Voltage	100-240Vac, 50/60Hz
Max. Load Power	≤400VA(Capacitive Load), ≤800W(Resistive Load)
Working Temperature	-20°C~55°C
Switch Channel	Single Channel
Protection	Zero -Crossing Detection
Dimensions	80×35×23mm(L×W×H)
Package Size	93×43×27mm(L×W×H)
Weight (G.W)	75g±10g

Product Size

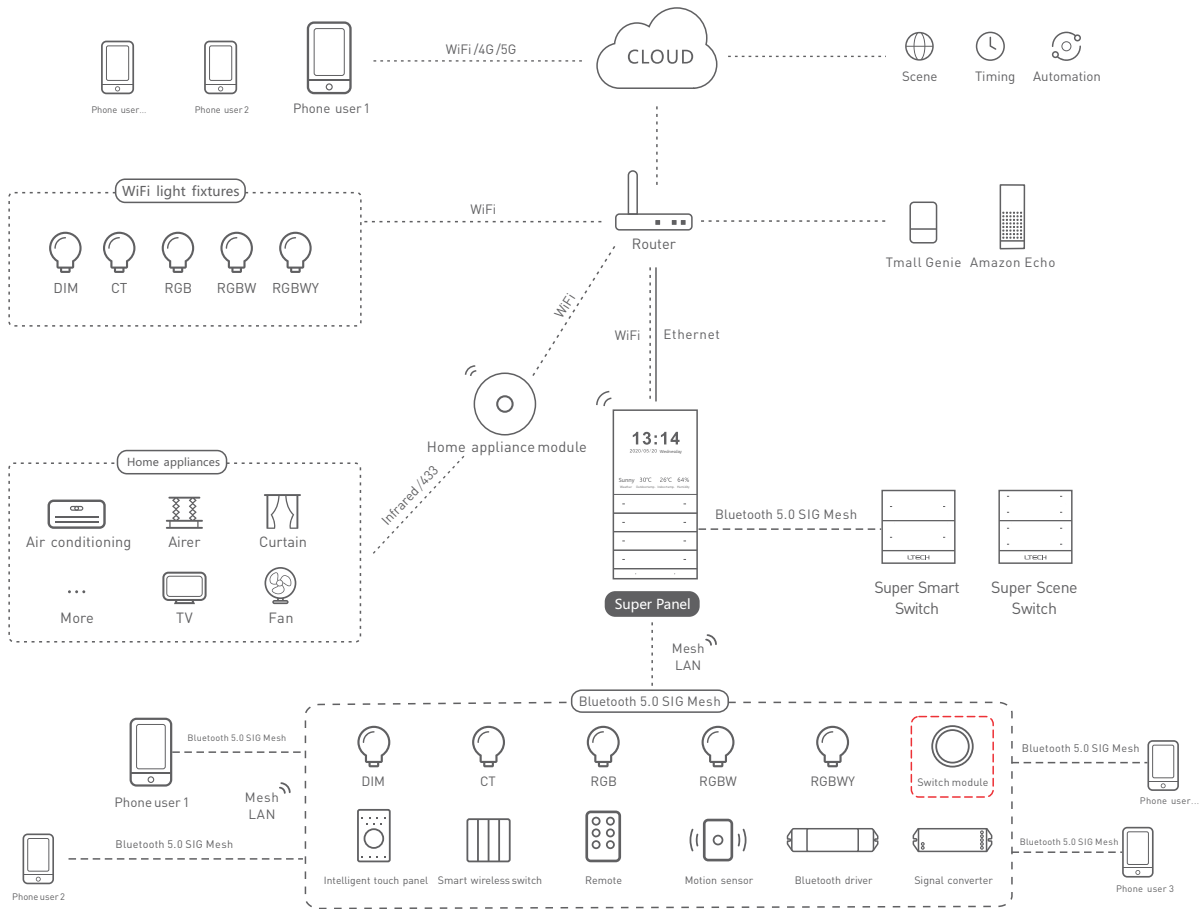
Unit: mm



Wiring Diagram

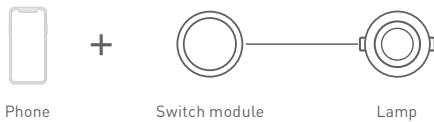


Application Diagram

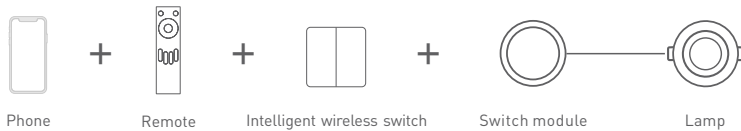


Recommended Applications

1、 Quickly turn the switch module on or off through Bluetooth control.



2、 Turn the switch module on or off both with the App and a remote after linking up the remote with the switch module via App.



3、 Turn the switch module on or off both with the App and Super Panel after linking up the Super Panel with the switch module via App. By connecting the Super Panel to the network, you can remotely turn the switch module on or off, achieve cloud scenes and automation by using the App.



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

Other Instructions

If the switch module works with a remote, gateway ,intelligent wireless switch or other items ,please refer to related manuals.

App Operating Instructions

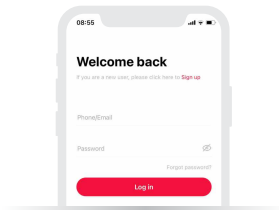
1. Register an account

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



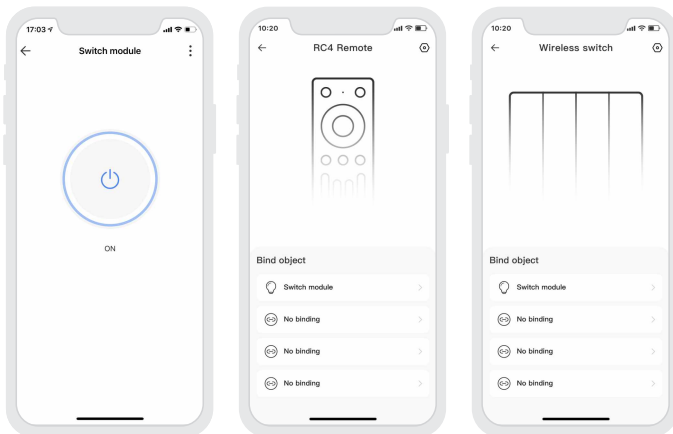
Scan and download the App

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



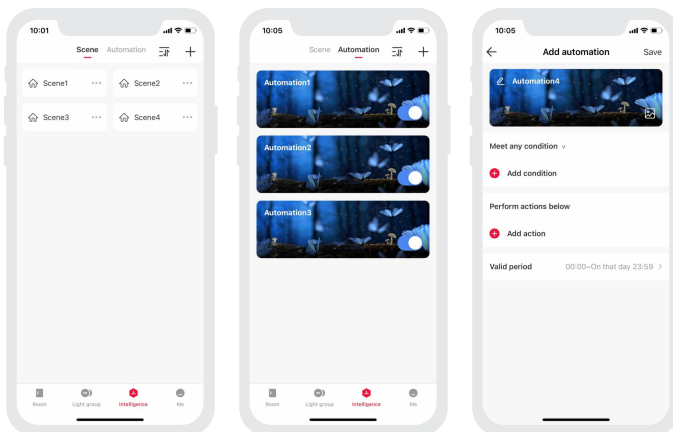
3. Bind the switch module

After adding the switch module, go to the interface of a smart remote and a wireless smart switch for binding the switch module. After you pick the switch module and bind it to the remote, you can turn the switch module on or off both with the smart remote and the smart switch, and meanwhile you can unbind it in this interface as well.



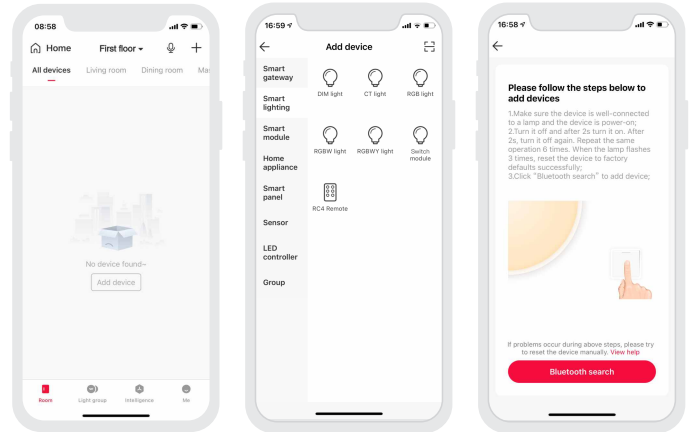
5. Advanced functions

The switch module can be linked up with gateway function devices (such as LTECH Super Panel) to achieve the advanced functions from cloud scenes to automation.



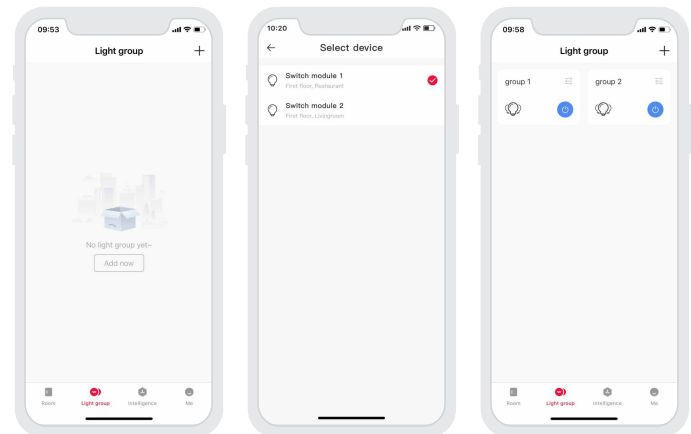
2. Add a switch module

Create a home if you are a new user. Click "+" icon in the upper right corner and access the "Add Device" list to pick "Switch Module". Then follow the prompts to power on the switch module first, and make sure the module is not connected to a network. Click "Bluetooth Search" to add the switch module according to the prompts.



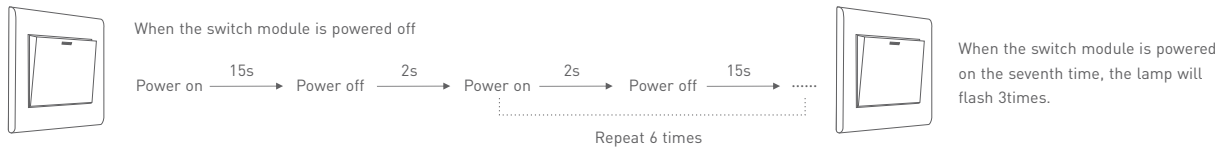
4. Light groups

Users are able to combine the same type of light fixtures into a group. Once you create a group, you can simultaneously turn on or off all lights in a group. Switch to "Light Group" menu and click "+" icon in the upper right corner. Follow the prompts to rename the group and click "Next" to pick the devices you are going to group together and to save them.



How to reset a switch module (reset it to factory defaults)

Make sure the switch module is connected to a lamp. When the module is powered off, use a switch to power it on. 15s later power it off and 2s later power it on again. Continuously power on and off the switch module 6 times (Power it on and 2s later power it off. 15s later power it on again). When the switch module is powered on the seventh time, the lamp will flash 3times, meaning the switch module has been reset to factory defaults.



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.

Update Log

Version	Updated Time	Update Content	Updated by
A0	2021.04.29	Original version	Xu Shujun
A1	2022.06.23	Updated the way of resetting to factory defaults	Xu Shujun

RELAY-BLE01

开关模块

- 体积小、重量轻
- Bluetooth 5.0 SIG Mesh通信协议，组网能力强，可靠稳定
- 过零检测功能提高继电器寿命
- 支持在线升级功能，支持云场景、自动化功能
- 支持IOS和安卓智能设备蓝牙直连控制
- 支持无网关控制，可实现局域网遥控，无线面板，群组等控制
- 可搭配超级面板实现远程，智能化控制

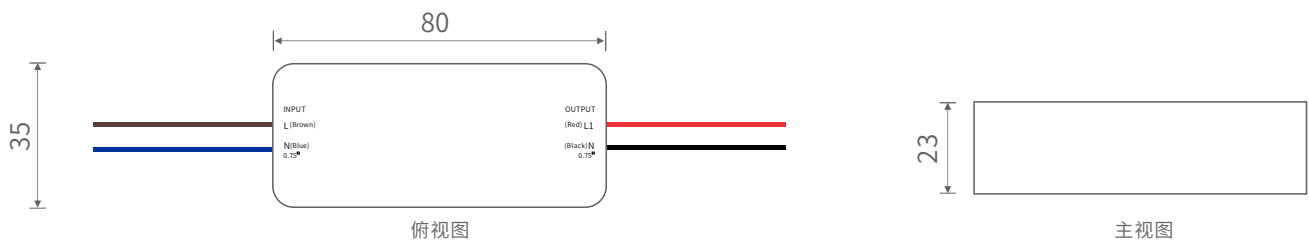


技术参数

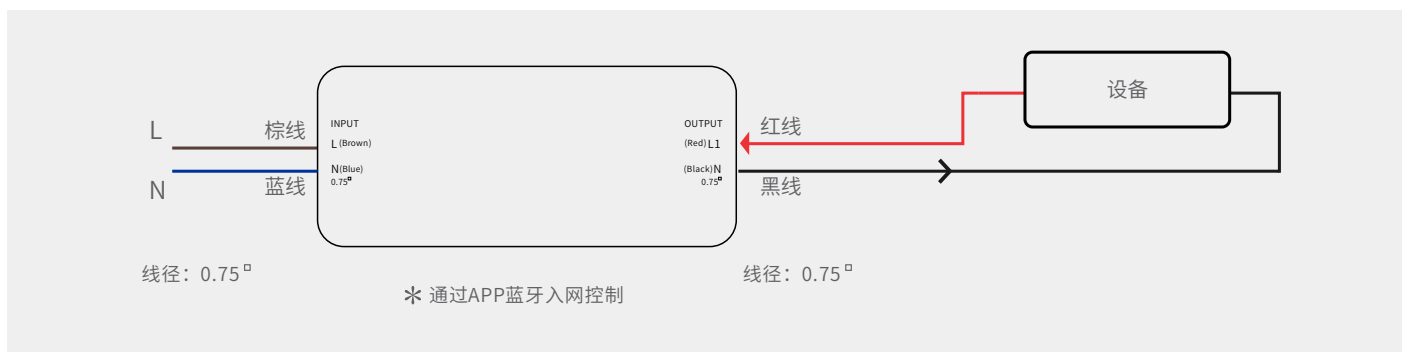
产品型号	RELAY-BLE01
无线类型	Bluetooth 5.0 SIG Mesh
工作电压	100-240Vac, 50/60Hz
负载通断功率	≤400VA(容性负载)、≤800W(阻性负载)
工作温度	-20°C~55°C
开关通道	单通道
保护	过零检测
产品尺寸	80×35×23mm(L×W×H)
包装尺寸	93×43×27mm(L×W×H)
产品重量	75g±10g

尺寸图

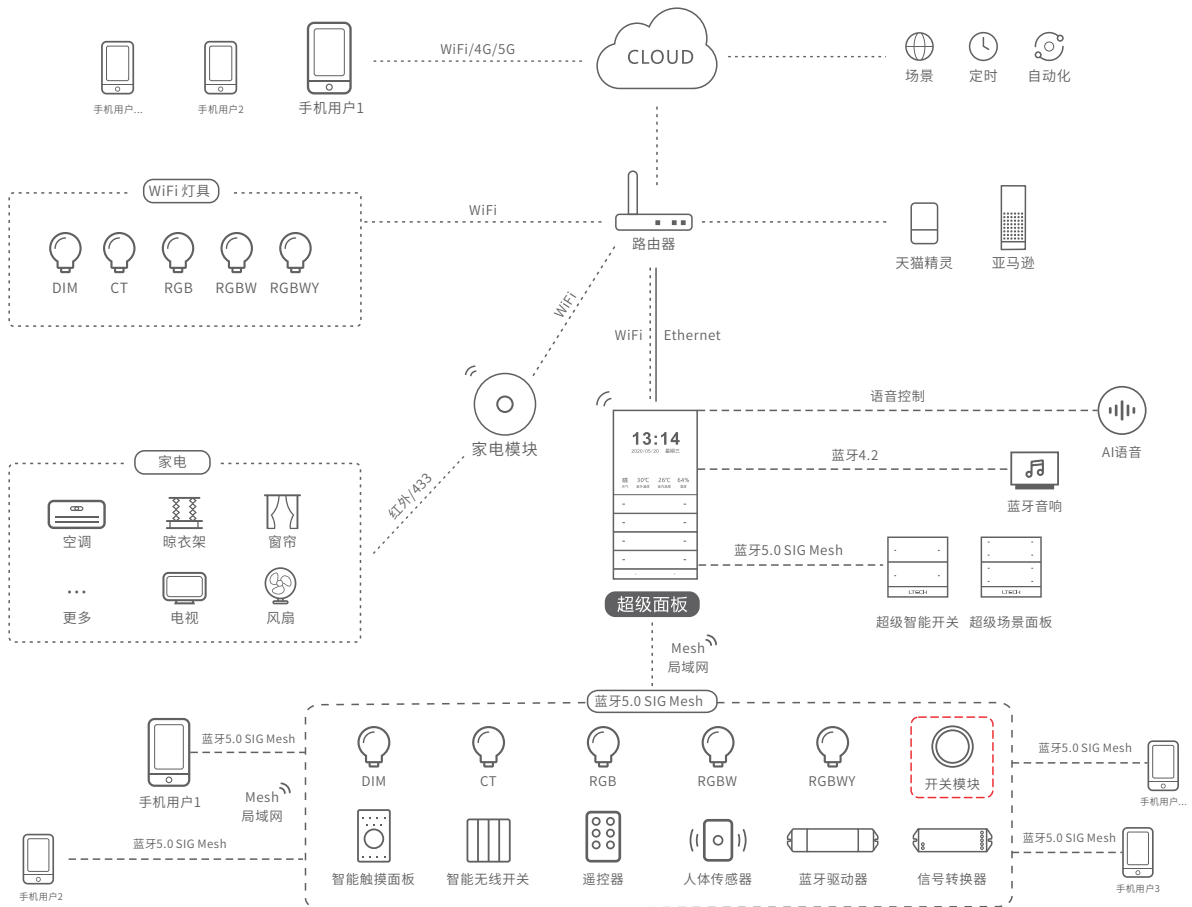
单位：mm



连线图



系统图



推荐应用控制方式

1、快速实现蓝牙控制通断电。



2、通过APP设置遥控关联开关模块后，可实现APP与遥控两种控制方式控制设备开关。



3、通过APP设置，面板关联开关模块，可实现APP与面板同时控制。并能够通过面板联网，可实现APP远程控制设备开关，云场景，自动化联动功能。



4、.....智能控制，更多应用搭配等你来设置。

其他操作方法

当本产品与遥控、网关、智能无线开关……等配套使用时，请参看相应产品的使用说明书。

APP操作说明

1. 账号注册

1.1 通过手机扫描下方二维码，按提示完成APP安装。



扫码下载APP

1.2 打开APP进行登录/注册操作。



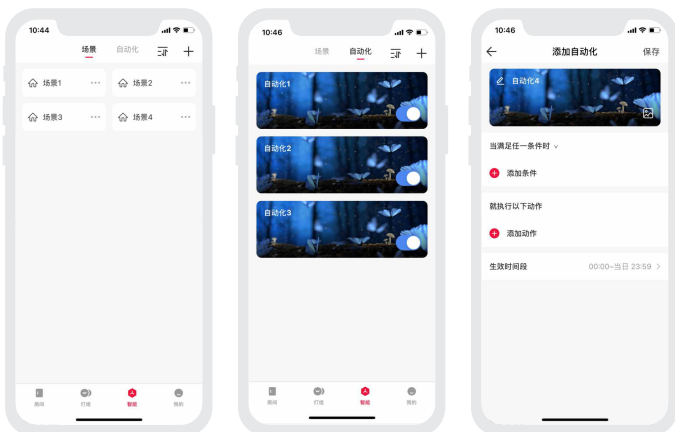
3. 绑定界面设置

配对完成后，进入智能遥控器/智能无线开关绑定对象界面，选择开关模块设备进行关联后，可通过智能遥控器/智能无线开关控制设备开关，同时也可以在该界面解除绑定设备。



5. 高级功能

本产品可以通过与具有网关功能的设备联动（如超级面板），可实现云场景、自动化等高级功能。



2. 配对操作

新用户创建家庭后，点击右上角“+”进入添加设备列表，先将开关模块按照提示添加完成后，在添加设备列表选择“开关模块”后，按照界面提示，先将设备接通电源，确保设备处于未入网状态，然后点击“蓝牙搜索”后，按照提示完成添加设备。



4. 灯具群组

同类型的灯具可以组成群组，用户可以对群组进行控制通断电等操作，操作更加便利。切换到“群组”菜单，点击右上角“+”，按照提示修改群组名称后，点击“下一步”，勾选您要组成群组的设备，保存即可。



重置设备（恢复出厂设置）

确保开关模块已接灯具，在断电的情况下，使用开关让开关模块通电15s后断电，再连续通断电6次（每次通电2s，断电15s），第7次通电后，灯具闪烁3次，即表示已恢复到出厂设置状态。



注意事项

- 请由具有专业资格的人员进行调试安装。
- 雷特产品（专有型号除外）不能防水，需避免日晒雨淋，如安装在户外，请用防水箱。
- 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。
- 请检查使用的工作电压是否符合产品的参数要求。
- 使用的电线直径大小必须能够负载连接的LED灯具，并确保接线牢固。
- 通电调试前，应确保所有接线正确，以避免因接线错误而导致灯具损坏。
- 如果发生故障，请勿私自维修；如有疑问，请联系供应商。

* 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，请与供应商联系。

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唯一补救措施。雷特不承担任何附带引起的损害赔偿，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。

更新日志

版本	更改日期	更改内容	更改人
A0	2021.04.29	正稿	许淑钧
A1	2022.06.23	更新恢复出厂方法	许淑钧