

Xiaolei

Smart Gateway S80

Model: CG-KIT



Manual

www.xiaolei.com.cn



Works with

Apple Home



matter

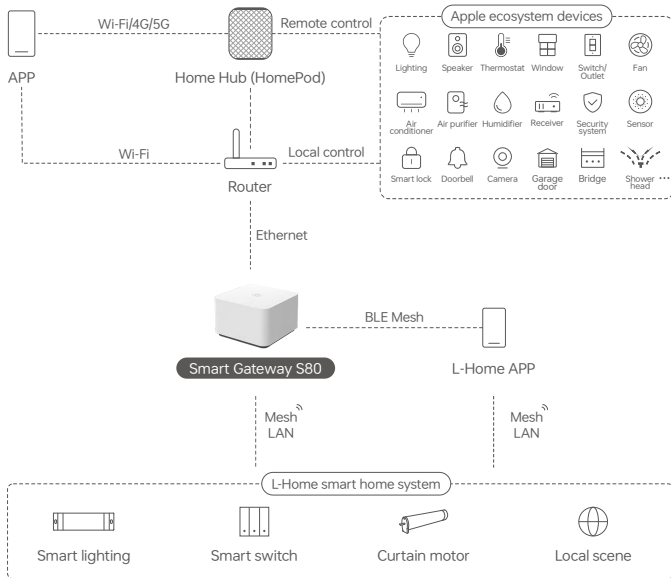
Product Introduction

The Smart Gateway S80 is a HomeKit gateway. Users can sync L-Home’s Bluetooth devices and local scenes to Apple Home via iPhone or iPad to control them. When used with HomePod or Apple TV, it also supports remote control and automated control, and can be quickly operated through Siri voice commands. Meanwhile, the Smart Gateway S80 can also connect to all IoT platforms that support the standard Matter protocol via the Matter Bridge function, including mainstream platforms such as Apple Home, Amazon Alexa, Google Home, and SmartThings. Relying on the Smart Gateway S80, users can easily achieve cross-platform interconnection, enjoy a secure and stable smart control experience, significantly improve device compatibility and operational flexibility, and enable more efficient collaboration between devices of different brands.

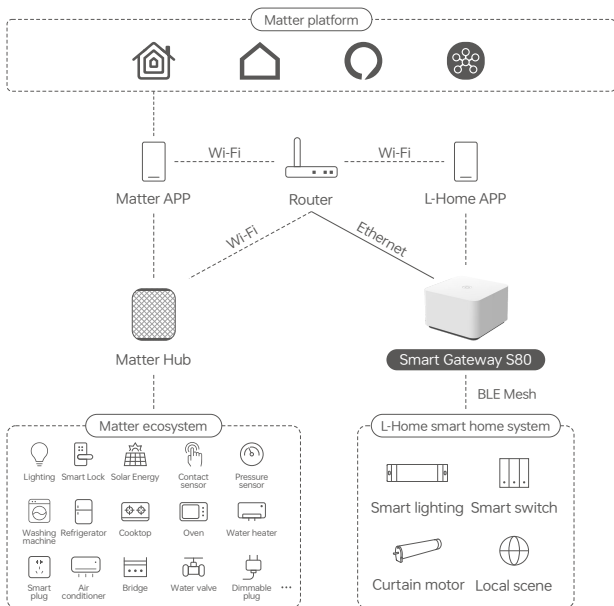
Technical Specs

Model	CG-KIT
Wireless type	Bluetooth 5.0 SIG Mesh
Wired network	Ethernet
Control type	LED driver, switch panel, curtain motor, local scene
Supported platforms	Apple Home, Amazon Alexa, Google Home, SmartThings, etc.
Input power	5V⎓1A (USB-A)
Power interface	Type-C
Working temperature	-20°C~55°C
Product size	L90×W90×H55(mm)
Weight (gross weight)	380g

HomeKit System Diagram



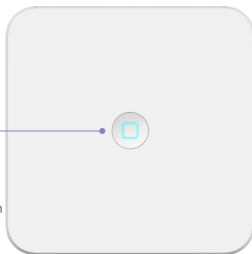
Matter System Diagram



Product Diagram

Indicator light:
Operation: Short-press
power button

- ①White Solid:
Network configured successfully
- ②White Breathing:
Waiting for network configuration
- ③White Slow Blinking:
Network not configured



Reset button

Power cable port

Ethernet port



*Reset Button: Press and hold the reset hole with a pin for 6 seconds. When the indicator light flashes rapidly, it means factory reset is in progress. When the indicator light turns to breathing mode, it indicates reset is completed and the device is waiting for network access.

App Operating Instructions

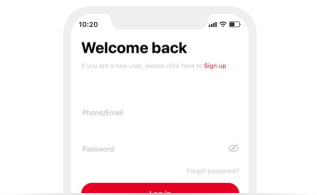
1. Register an account

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



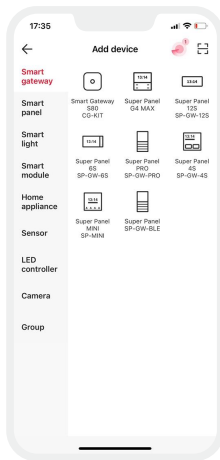
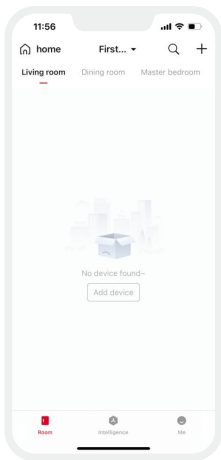
Scan and download the App
iOS/Android

1.2 Open the app to log in/register.



2. Configure

After a new user creates a home, click the "+" in the top-right corner to open the device addition list. Select "Smart Gateway - Smart Gateway S80", then power on the device and plug in the network cable to ensure it is in an unnetworked state. Next, click "Bluetooth Search" and follow the prompts to complete device addition.



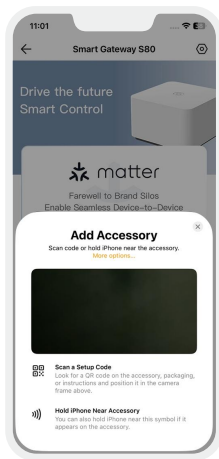
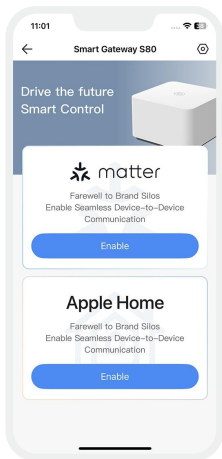
3. Operation Guide for Linking with Apple Ecosystem

3.1 Add Accessory to Apple "Home"

After successful network configuration, follow the prompts to add the accessory to Apple "Home".

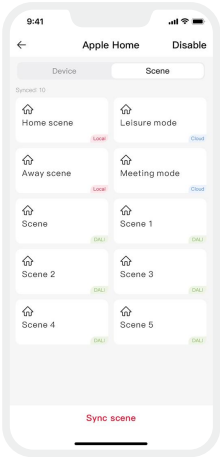
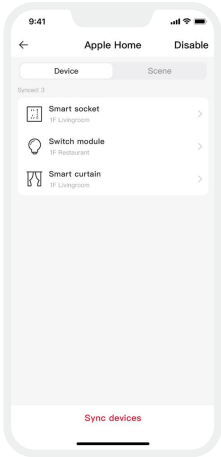
Note: Scanning the QR code to pair with Apple "Home" must be completed within 10 minutes.

If linking fails, please restart the device.



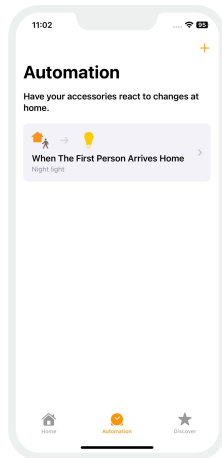
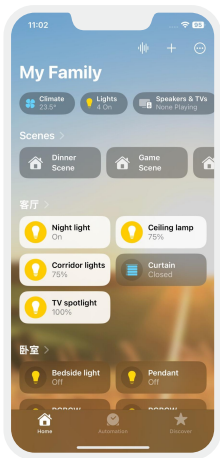
3.2 Sync Devices/Scenes to Apple "Home"

With the Smart Gateway S80, users can use Siri or the "Home" App on iPhone, iPad, Apple Watch, and Mac to control the devices/scenes in L-Home that have been synced to the "Home" App.



3.3 Smart Linkage in Apple "Home"

After the device is synced to the Apple "Home" App, you can control the devices and check its status in the App, and control smart devices via Siri voice commands. Additionally, it supports connecting to HomePod and Apple TV to enable automation and remote control functions.

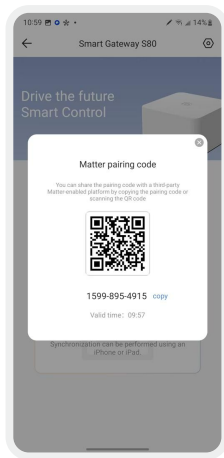
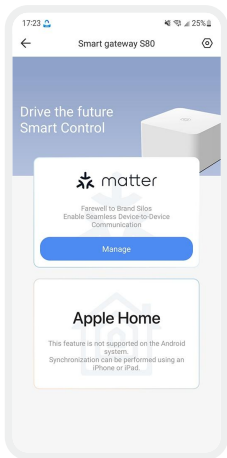


4. Operation Guide for Linking with Matter Ecosystem

4.1 Enable Matter

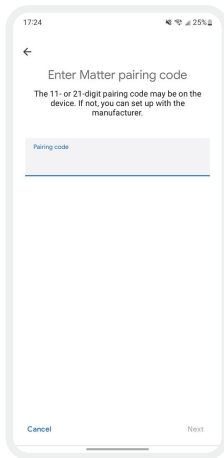
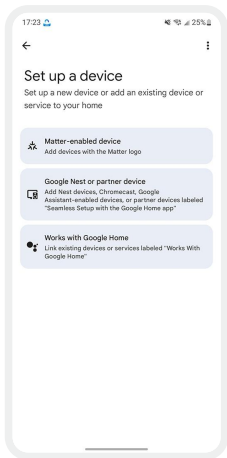
After successfully adding the Smart Gateway S80, click "Enable" to get the Matter pairing code.

Note: The Matter pairing code will expire after 10 minutes; if expired, you can refresh to obtain a new one.



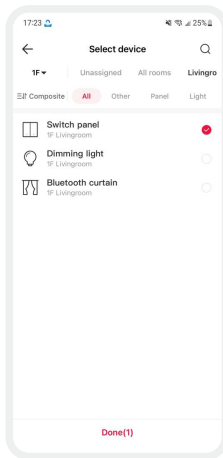
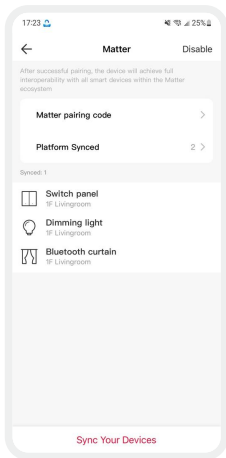
4.2 Bridge the Gateway to Third-Party Platforms

Use a third-party Matter App to scan the Matter pairing code or enter the 11-digit or 21-digit pairing code to complete device addition. Third-party platforms such as Apple Home, Amazon Alexa, Google Home, and SmartThings are recommended. Please prepare the corresponding platform's Matter Hub in advance and ensure the Matter Hub and your phone are on the same local area network (LAN).



4.3 Manage Devices/Scenes Synced to Third-Party Matter Platforms

With the Smart Gateway S80, users can bridge L-Home Bluetooth devices to third-party Matter ecosystems.



Factory Reset

Method 1:

First, confirm the device is properly powered on and connected to the network via an Ethernet cable. Then press and hold the reset hole with a pin for 6 seconds. When the indicator light flashes rapidly, it means factory reset is in progress. When the indicator light turns to breathing mode, it indicates the reset is completed and the device is ready for network access.

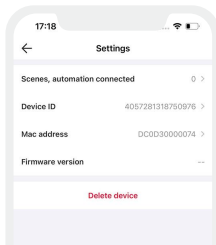
Method 2:

First, confirm the device is properly powered on and in a networked state. Then open the L-Home App, use the home account that added the gateway to find the device and enter its settings page. Click the "Delete Device" button. When the interface shows "Deletion Successful", it means the device has been successfully restored to factory settings.

Reset
button



Method 1



Method 2

FAQs

1. What should I do if I fail to search the device via APP?

Please check below:

- 1.1 Please make sure the device is powered on normally, the network cable is plugged in, and the device is activated.
- 1.2 Please keep you mobile phone and device as close as possible. The recommended distance between them is no more than 15 meters.
- 1.3 Please make sure the device hasn't been added yet. If it has, please reset the device to factory defaults manually.

2.What should I do if HomeKit pairing fails?

2.1. Prompt: "Unable to Add Accessory"

Repeated failed attempts leave iOS with un-cleared cached errors. Restart your iOS device, reset the [smart gateway], and try again. If it still fails, check router compatibility or replace the router.

2.2. Prompt: "Accessory Already Added"

Restart your iOS device, reset the [smart gateway], then re-add by manually entering the HomeKit setup code.

2.3. Prompt: "Accessory Not Found"

Reset the [smart gateway], wait 3 minutes, then re-add by manually entering the HomeKit setup code.

3.Can the device be added to both HomeKit and Matter simultaneously?

Yes, but for more stable network, it's recommended to use only one method per device. For Apple users, HomeKit is preferred; for Android users, Matter is preferred.

Attentions

- To ensure stable operation of the product, the current of the power adapter must be $\geq 1A$ (USB-A).
- Product installation and commissioning should be done by a qualified professional.
- LTECH products are and not lightningproof non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a waterproof enclosure or in an area equipped with lightning protection devices.

- Good heat dissipation will extend the life the product. Please install the product in a environment with good ventilation.
- Please check if the working voltage used complies with the parameter requirements of products.
- Avoid installation in minefields, strong magnetic field areas, and high-voltage areas.
- Before you power on the product, please make sure all the wiring is correct.
- 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:

Following conditions are not within the guarantee range of free repairing or replacement services:

- 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 inwritten 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.

Xiaolei

智能网关 S80

型号: CG-KIT



使用说明书

www.xiaolei.cn



Works with
Apple Home



matter

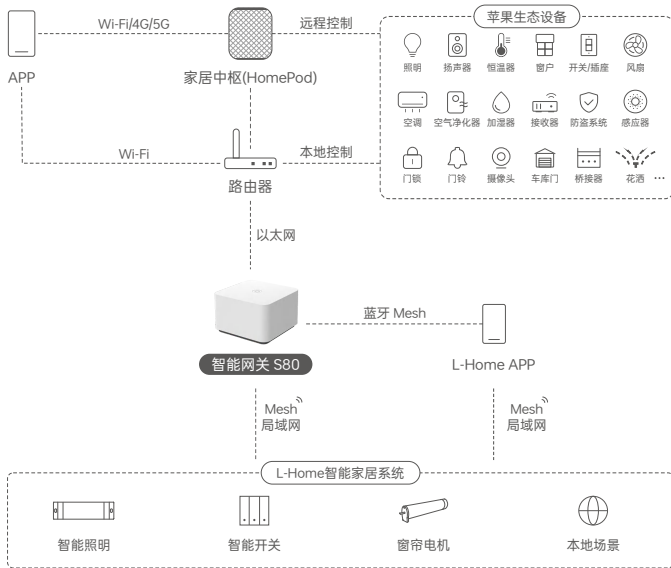
产品介绍

智能网关S80是一款HomeKit网关，用户可通过iPhone、iPad将L-Home的蓝牙设备及本地场景同步至Apple Home进行控制，配合HomePod或Apple TV，还可实现远程控制、自动化控制，也可以通过Siri语音指令快速操控。同时智能网关S80还可以通过Matter Bridge方式接入所有支持标准Matter协议的IOT平台，包括Apple Home、Amazon Alexa、Google Home和SmartThings等主流平台。依托智能网关S80，用户可轻松实现跨平台互联，享受安全、稳定的智能控制体验，大幅提升设备兼容性与操作自由度，让不同品牌设备协同工作更高效。

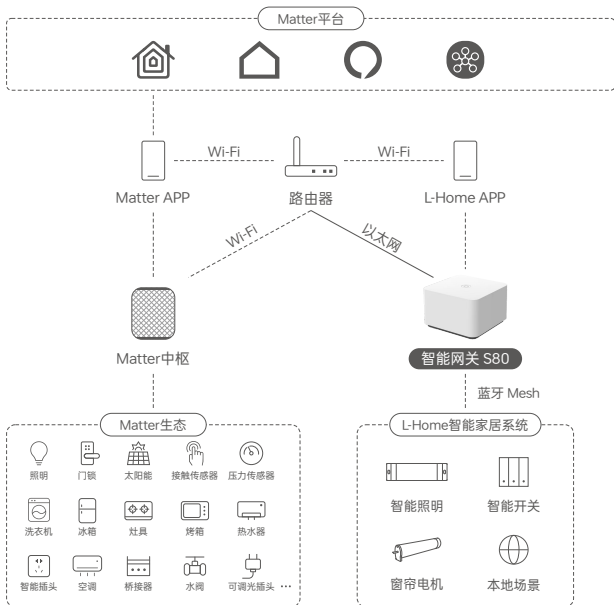
技术参数

型 号	CG-KIT
无线类型	Bluetooth 5.0 SIG Mesh
有线网络	以太网
控制类型	LED驱动、开关面板、窗帘电机、本地场景
支持平台	Apple Home、Amazon Alexa、Google Home、SmartThings等
输入电源	5V  1A (USB-A)
电源接口	Type-C
工作温度	-20°C~55°C
产品尺寸	L90×W90×H55(mm)
重量(毛重)	380g

HomeKit系统图



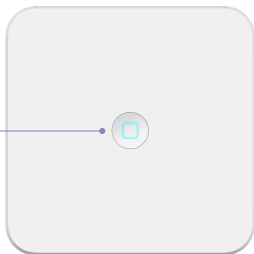
Matter系统图



产品图示

指示灯: 短按开关键

- ① 白色常亮: 已配置网络
- ② 白色呼吸: 等待配网中
- ③ 白色慢闪: 无网络配置



复位键

电源线接口

以太网接口



*复位键: 使用插针长按复位孔 6 秒, 等待指示灯快闪时则表示进行恢复出厂设置中, 等到指示灯变为呼吸时, 则表示重置完成, 等待入网。

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。



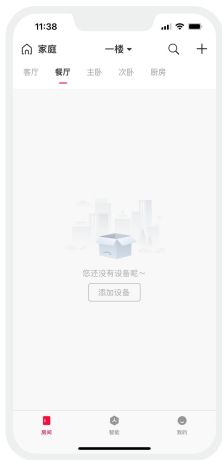
扫码下载APP
iOS/Android

1.2 打开APP进行登录/注册操作。



2. 配对操作

新用户创建家庭后，点击右上角“+”进行添加设备列表，选择“智能网关-智能网关S80”后，将设备通电并插入网线，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。

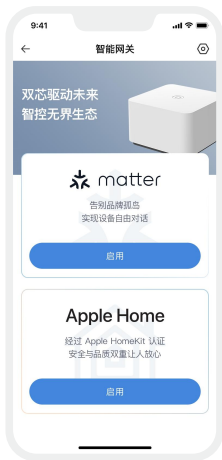


3. 联动Apple生态操作说明

3.1 添加配件到Apple“家庭”

配网成功后，按照提示将配件添加到Apple“家庭”。

注：桥接Apple“家庭”需在10分钟内完成扫码操作，若桥接失败，请重启设备。



3.2 同步设备/场景到Apple“家庭”

借助智能网关S80，用户可以使用 Siri 或 iPhone、iPad、Apple Watch 和 Mac 上的“家庭”App，来控制L-Home中已同步到“家庭”App的设备/场景。



3.3 Apple“家庭”智能联动

设备同步至Apple“家庭”APP后，可在该APP中控制设备和查看状态，并支持通过Siri语音指令操控智能设备。同时，支持连接HomePod与苹果TV，实现自动化及远程控制功能。



4. 联动Matter 生态操作说明

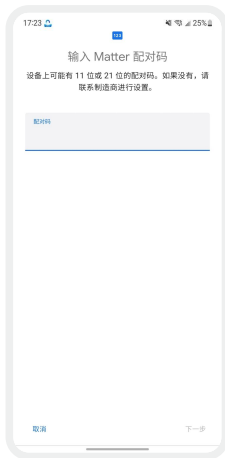
4.1 启用Matter

将智能网关 S80添加成功后，点击“启用”，获得Matter配对码。(注：Matter配对码10分钟后会失效，若失效，可以刷新获取)



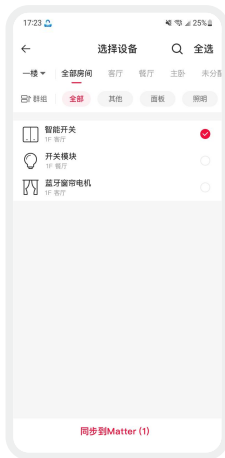
4.2 将网关桥接到第三方平台

请使用第三方Matter App扫描Matter配对码或输入11位或21位的配对码完成设备添加。推荐使用 Apple Home、Amazon Alexa、Google Home、SmartThings等第三方平台，并提前准备好对应平台的Matter中枢，且将Matter中枢，手机处于同一局域网中。



4.3 管理同步到Matter第三方平台的设备/场景

借助智能网关 S80，用户可以将L-Home 蓝牙设备桥接接入第三方Matter生态。



恢复出厂

方法一：

确保设备已正确接通电源并插入网线，使用插针长按复位孔6秒，等待指示灯快闪时则表示进行恢复出厂设置中，等到指示灯变为呼吸时，则表示重置完成，待入网。

方法二：

确保设备已正确接通电源且处于已入网状态。随后，打开L-Home APP，使用添加过该网关的家庭账号找到该设备并进入其设置页面，点击“删除设备”按钮。当界面提示“删除成功”时，即表示设备已成功恢复到出厂设置。



方法一



方法二

常见问题

1. 设备一直搜索不到怎么办？

请检查以下选项：

- 1.1 确保设备正常通电状态，并插入网线；
- 1.2 确保手机与设备两者尽量靠近，建议不超过15米；
- 1.3 确保设备未被添加过，如被添加过，请手动恢复出厂。

2. 如果HomeKit绑定失败,怎么办？

- 2.1 提示“无法添加配件”。由于反复多次添加失败,导致iOS系统缓存的错误信息无法释放,请重启iOS设备并重置设备后再试。若仍失败,请检查路由兼容性,并尝试更换其他路由器再试。
- 2.2 提示“配件已添加”。请重启iOS设备并重置设备后,采用手动输入HomeKit设置代码方式重新添加。
- 2.3 提示“未找到配件”。请重置设备后,等待3分钟后,采用手动输入HomeKit设置代码方式重新添加。
- 2.4 提示“配件无法连接”。请通过设备的复位键重置设备并重新添加设备后再试。

3. 设备是否可以同时加入HomeKit和Matter？

可以，但为了网络更稳定，建议1台设备只使用1种方式，苹果用户优先推荐HomeKit，安卓用户优先推荐Matter。

注意事项

- 为使产品能稳定运行，供电适配器电流需 $\geq 1A$ (USB-A)；
- 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）不能防水防雷，需避免日晒雨淋，如安装在户外，请用防水箱和防雷装置；
- 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；
- 避免安装在雷区、强磁场和高压区域；
- 通电调试前，应确保所有接线正确；
- 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科技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；
 - 无雷特科技签订的合同或发票凭证。
1. 修理或更换是雷特科技对客户的一一补救措施。雷特科技不承担任何附带引起的损害赔偿一任，除非在适用法律范围之内。
 2. 雷特科技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。