LTECH

Super Smart Switch

(1-Gang / 2-Gang / 3-Gang / 4-Gang)

Manual

www.ltech-led.com

System Diagram

Wi-Fi/4G/5G

Phone user...   Phone user 1   CLOUD   Scene   Timing   Automation

Home appliances & accessories

Home appliance module   HVAC management module   Curtain motor

Router

Wi-Fi   Ethernet   Amazon Echo   Google

Dry contact module   Relay   Music player

Bluetooth Mesh

12:58

Super Panel 6S

Bluetooth 4.2

Bluetooth speaker

Wireless switch   Bluetooth remote   More

Mesh LAN

Phone user...   Bluetooth Mesh

Intelligent Lighting

Constant Voltage	Constant Current	Smart Switch	Intelligent Sensor	Wireless + Wired
LM-36 series	SE-12 series	Premium series	Microwave motion sensor	Wireless module (DMX/0-10V)
LM-75 series	SE-20 series	Activated series	Motion sensor	Wireless module (DMX/DALI/0-10V)
LM-150 series	SE-30 series	Creativity series		Wireless module (DALI)
LM-240 series	SE-40 series	⋮	⋮	Wireless module (Triac)

Product Features

- Act as a relay with Bluetooth 5.0 SIG Mesh, turning traditional lamps into smart ones.
- Support panel grouping that allows you to control multiple panels simultaneously.
- Work with a Bluetooth LED driver to turn lights on/off and change brightness or colors of lights.
- Work with a gateway device to achieve various cloud scenes and automation.
- Support local scenes that can still run without the Internet or a gateway. Faster and more stable.
- Designed with 86 type junction box. Available in 400+ combinations of switch panels with unified panel surrounds.

Technical Specs

Model	S1	S2	S3	S4
Wireless Type	Bluetooth 5.0 SIG Mesh			
Power Supply	Null and live line powered			
Rated Parameter	100-240V~, 50/60Hz, μ			
Maximum Current	≤10A			
Single Load	LED≤200W, ☼≤400W		LED≤300W, ☼≤600W	
Channel of Load	1 Channel	2 Channel	3 Channel	4 Channel
Inrush Current in Loads	Max. 65A@2ms			
Working Temperature	-20°C~55°C, Humidity≤80%RH			
Net Weight	160g	168g	175g	177g
Dimensions	86×86×40mm (L×W×H)			
Colors Available	Grey, Gold, White			

Bluetooth® CE RoHS

Product Images

Load Wire L4/L3/L2/L1   Live Line   Null Line

L4 L3 L2 L1 L N

Switch 1 Switch 2 Switch 3 Switch 4

Product Size

Unit: mm

60.8

86.0   60.0   62.8

86.0

28.7

62.8

40.0
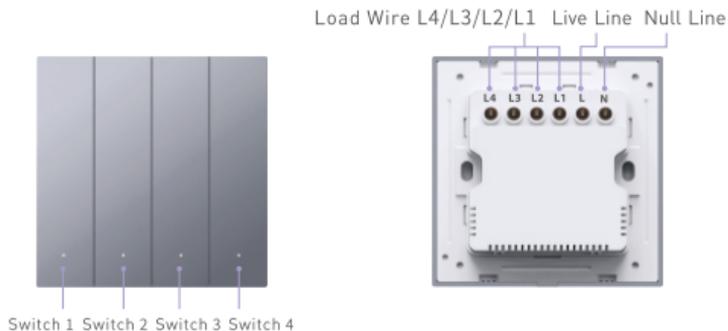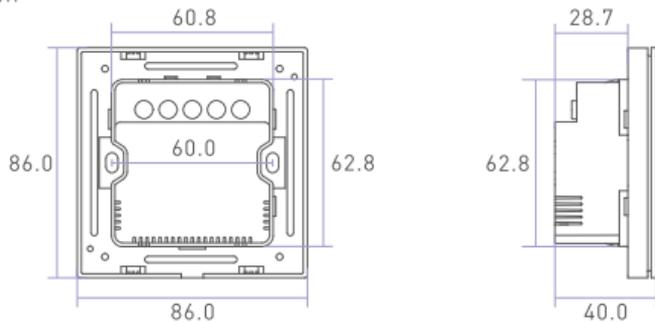
Installation Steps

① Turn off the circuit breaker and remove any concrete or corrosion that are inside the 86 type wall box. Trim each power cord wire in the wall box to about 10cm in length. Pry the switch plate up with a flat head screwdriver.

② Attach the live line to L socket of the switch and the null line to N socket, and the load wire to L1/L2/L3/L4 socket. Make sure the wires are well connected to the switch terminals with no copper wire exposed.
(The protection device for the electronic switch cannot be greater than 35A)

Live Line (L)
Null Line (N)

L4 L3 L2 L1 L N
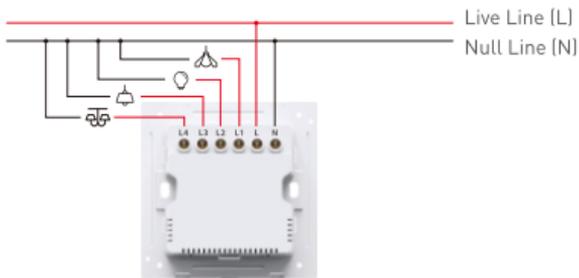
③ Insert the screws into the hole on two sides of the switch and secure the screws to fit the switch to the wall with a screwdriver.
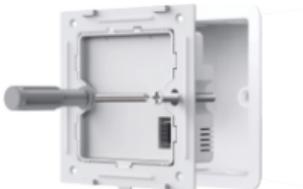
④ Slant the switch plate and put it in place. Finally, turn on the circuit breaker and press any key of the switch. If the light can be controlled normally, it means the switch has been installed correctly.


Step 1: Snap the switch plate down

Step 2: Snap on the switch plate on the bottom

Note: If you want to install multiple panels into one row, please refer to the relevant manual for detailed instructions

Recommended Applications

1. Connect to traditional lamps and turn them into smart ones.

APP   +   Smart switch   Traditional lamp
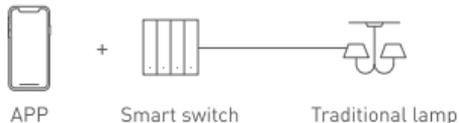
2. Work with a Bluetooth LED driver to wirelessly control lamps.

APP   +   Smart switch   Bluetooth driver   Lamp

3. Support local scenes that can still run without the Internet or a gateway.

APP   +   Home appliance   +   Smart switch   Bluetooth driver   Lamp
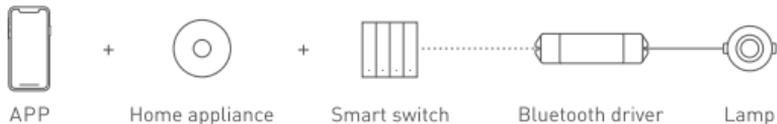
4. Work with a smart gateway to realize visual control and automation.

APP   +   Super panel 6s   +   Home appliance   +   Smart switch   Bluetooth driver   Lamp

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. Then open the App and log in or register an account.

2. Connect to the network

Create a home if you are a new App user. Click【 + 】icon in the upper right corner of "Room" interface to access "Add device" list. Pick【Smart switch】and follow the on-screen prompts to add the device.
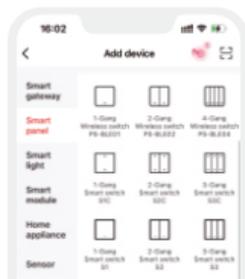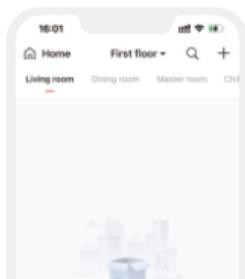
3. Create a panel group

Click 【 + 】 icon in the upper right corner of "Room" interface to access "Add device" list. Pick 【Group-Smart switch group】. Create a smart switch group, then rename the group and set up the room it belongs to. Pick devices you want to add to the group. Once the group is created, the data of sub devices will be synchronized with other switches in this group. So you can control the group devices simultaneously.
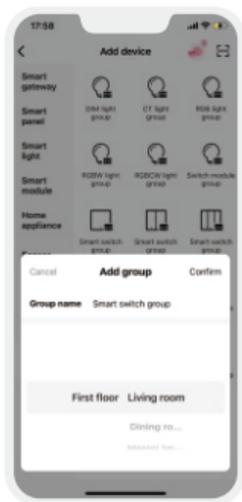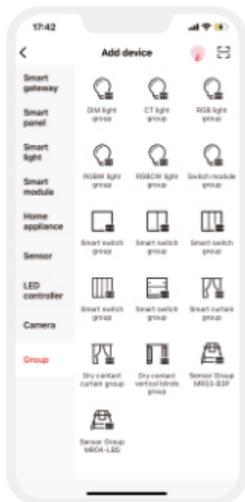
4. Bind a device

In "Room" interface, click the smart switch you have added to access its control interface.

Short press the switch on the screen you want to bind, or click the 【 ⊙ 】 to access the settings and select the switch. Click bind object 【Device】 and set up short press and long press actions on this switch, then save your setting.
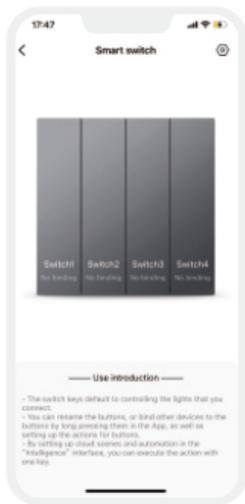
## 5. Local scene

Create a local scene:

Switch to "Intelligence" interface and click 【 + 】 icon in the upper right corner to add a local scene. After you set up the action performed in this scene, the local linkage with the Bluetooth device can be achieved.

Bind a local scene:

In the switch's control interface, long press the switch you want to bind or click the 【 ⊚ 】 to access the settings and select the switch. Click bind object 【Local scenes】 and save your setting. Then, the local scene you bind can be performed by a short press on the switch.
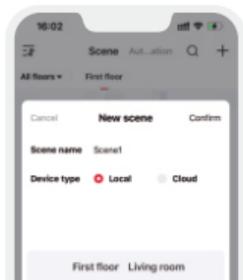
Create a local scene
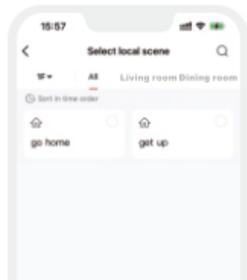
Bind a local scene

6. Cloud scene and automation

Please be sure a smart gateway device is added to your home, such as Super Panel 6S.

Cloud scene:
Switch to "Intelligence" interface and click 【 + 】 icon in the upper right corner to add a cloud scene. After you set up the action performed in this cloud scene, the remote linkage can be achieved.

Automation:
Tap 【Automation】 in "Intelligence" interface and click 【 + 】 icon to create automation. You can choose local or cloud execution option, then set the trigger conditions and executing action. When the conditions you set are met, a series of device actions will be automatically triggered to perform and remote linkage is achieved as well.

Note: You can set the smart switch to act as the trigger condition and as the executing action.
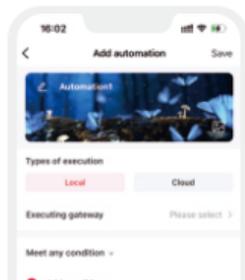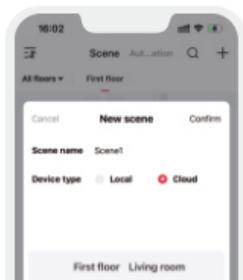
FAQs

1. How to reset a switch to factory defaults?

Long press the rightmost switch for 15s (S1=only switch, S2=second switch, S3=third switch, S4=fourth switch) and release it until all the indicator lights flash fast. Within 3s, short press the same switch 3 times and the indicator light flashes slowly, which means the switch has been reset to factory defaults.

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

Please check below:

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

Attentions

- This product must be installed and adjusted by a qualified professional.
- Good heat dissipation will extend the life the product. Please install the product in a environment with good ventilation.
- When you install this product, please avoid being near a large area of metal objects or stacking them to prevent signal interference.
- Before you power on the product, please make sure all the wiring is correct in case of incorrect connection that may cause a short circuit and damage the components, or trigger a accident.

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

(单键 / 双键 / 三键 / 四键)

使 用 说 明 书

www.ltech.cn

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

路由器

天猫精灵 亚马逊 谷歌 小爱 小度

Wi-Fi | Ethernet

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 开关遥控器 更多

蓝牙 Mesh

手机用户...

蓝牙 Mesh

12:58

超级面板 6S

语音控制

蓝牙4.2

AI语音

蓝牙音响

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	⋮		照明模组 (可控硅)

01
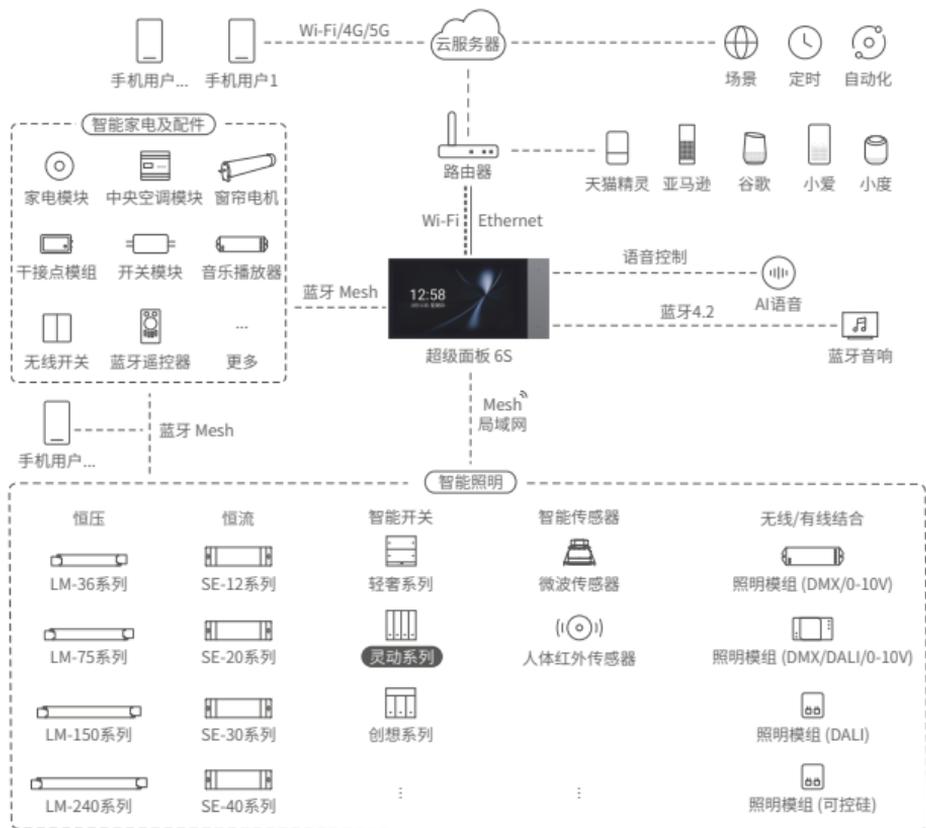
产品介绍

- 蓝牙 5.0 SIG Mesh 通信协议搭配继电器，传统灯具秒变智能；
- 支持面板组功能，轻松实现多地一控；
- 搭配无线蓝牙驱动器，实现灯光开关、调光、调色控制；
- 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，400+联排组合，一体化安装框架。

规格参数

产品型号	S1	S2	S3	S4
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≤200W, ☼ ≤400W		LED≤300W, ☼ ≤600W	
负载路数	1路	2路	3路	4路
负载抗浪涌电流	Max. 65A@2ms			
工作温度	-20°C~55°C，湿度≤80%RH			
产品净重	160g	168g	175g	177g
产品尺寸	86×86×40mm (L×W×H)			
颜色类型	莫奈灰、梵高金、雷曼白			

Bluetooth® CE RoHS

产品图示

灯控L4/L3/L2/L1　　火线　零线

L4　L3　L2　L1　L　N

按键1　按键2　按键3　按键4

产品尺寸

单位: mm

60.8

86.0

60.0

62.8

86.0

28.7

62.8

40.0
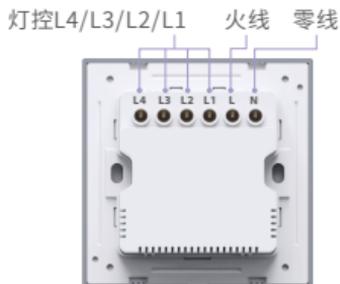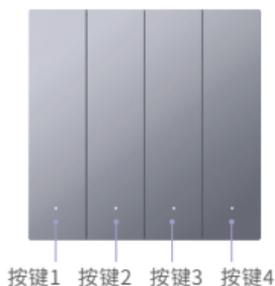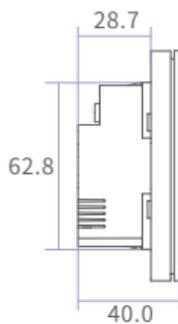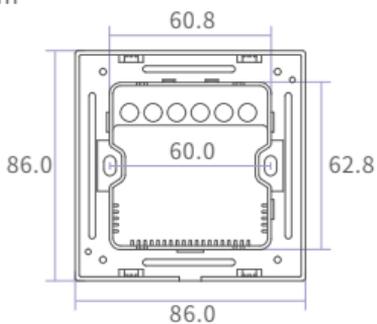
## 安装步骤

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高于35A)

火线 L
零线 N
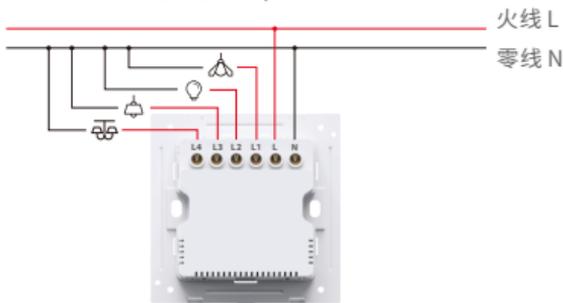
③ 用螺丝将底盒固定到墙壁暗盒中，使底盒贴合墙面。
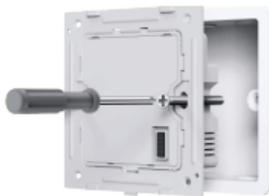
④ 倾斜面板并扣合在底盒上，开启电源总闸，按下智能开关按键，可正常控制灯光即
   说明安装正确。

第一步：向下扣合

第二步：底部扣合

注：若需联排安装，具体安装方法请参考联排边框使用说明书。

应用组合

1. 连接传统灯具，秒变智能灯具。

APP + 智能开关 传统灯

2. 搭配蓝牙驱动器，实现无线控制灯具。

APP + 智能开关 蓝牙驱动器 灯

3. 支持本地场景，去网关，断网可控。

APP + 家电模块 + 智能开关 蓝牙驱动器 灯
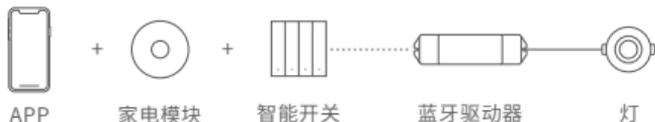
4. 搭配智能网关，实现可视化控制，云场景、自动化联动。

APP + 超级面板6S + 家电模块 + 智能开关 蓝牙驱动器 灯
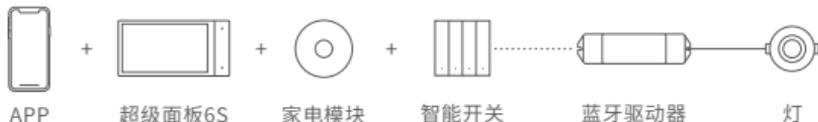
APP操作说明

1. 账号注册

通过手机扫描下方二维码，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【智能开关】后，按照界面提示完成添加即可。
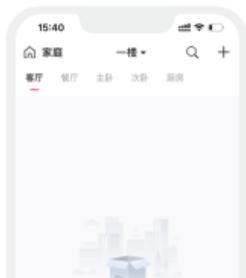
3. 创建面板组

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.绑定设备

在"房间"界面点击已添加的智能开关进入"控制"界面。

短按界面中对应按键或点击【◎】进入"设置"界面选择对应按键，选择绑定对象【设备】并选择短按/长按动作后，保存即可。

5. 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"界面中，长按对应按键或点击【◎】进入"设置"界面选择对应按键，选择绑定对象【本地场景】保存成功后，短按智能开关按键即可执行所绑定的本地场景。

创建本地场景　　　　　　　　　　　　　　绑定本地场景

6. 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?

长按最右边按键15秒(S1唯一按键、S2第二个按键、S3第三个按键、S4第四个按键),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,并且处于激活状态;
- 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。

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。
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