

Intelligent Gateway
Model: WiFi-108

1. Product Features

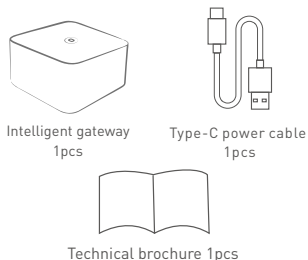
- Realize global long-range control by cloud platform.
- 2 in 1 control: Wireless RF and wired connection.
- Multi-zones dimming, color changing and multi-groups control.
- One click scene function, timing function.
- Advanced lighting program setting, sunrise or sunset effect or any other changing effect could be simulated.
- Support mobile phone, remote control and dimming panel to control all lighting effects.
- Voice control, support amazon ECHO and TmallGenie smart speaker.
- Opened third party communication interface: Trigger contacts.

2. Technical Specs

Model:	WiFi-108	Power Interface:	Type-C USB
Communication Standard:	2.4GHz Wi-Fi, 2.4GHz RF 802.11b/g/n protocol.	Working Temp.:	-30°C~60°C
Input Voltage:	5Vdc	Dimensions:	L90×W90×H55mm
Extension Interface:	Trigger contact, RS485, L-BUS protocol interface	Packing Size:	L122×W122×H79mm
		Weight(G.W.):	380g

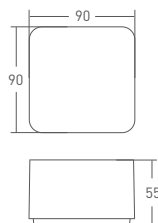
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3. Package Content

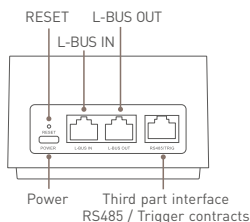
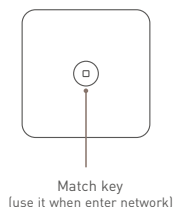


4. Product Size

Unit: mm



5. Product Description

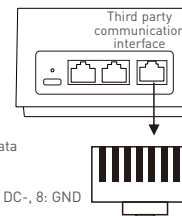


RESET: Insert the pin into the "RESET" hole for 6 second. (All the data will be cleared, please use it carefully). Details refer to 10.6.

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6. Third Party Communication Interface Wiring

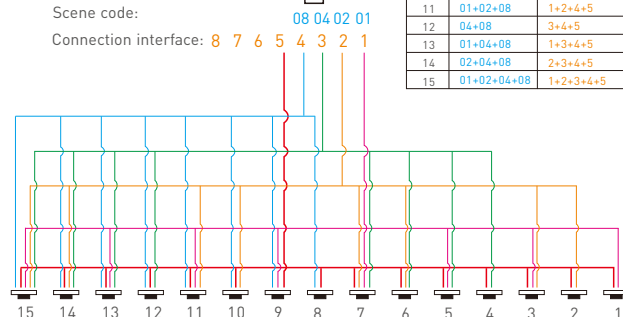
As below the four contacts are connected on the RJ45 connector, which can trigger 15 scenes. The keys are used with binary combination to response 15 scenes.



Trigger contacts interface 1,2,3,4: Data
5: 3.3Vdc
RS485 interface 6: DC+, 7: DC-, 8: GND

Scene code:
Connection interface: 08 7 6 5 4 3 2 1

Scene	Scene code	Connector
1	01	1+5
2	02	2+5
3	01+02	1+2+5
4	04	4+5
5	01+04	1+3+5
6	02+04	2+3+5
7	01+02+04	1+2+3+5
8	08	4+5
9	01+08	1+4+5
10	02+08	2+4+5
11	01+02+08	1+2+4+5
12	04+08	3+4+5
13	01+04+08	1+3+4+5
14	02+04+08	2+3+4+5
15	01+02+04+08	1+2+3+4+5

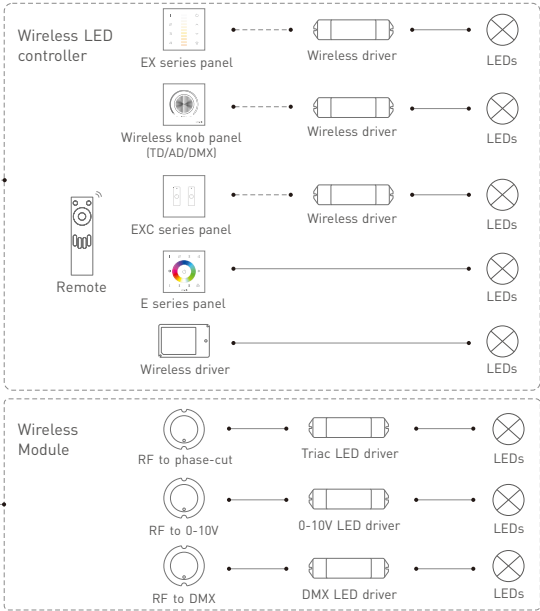
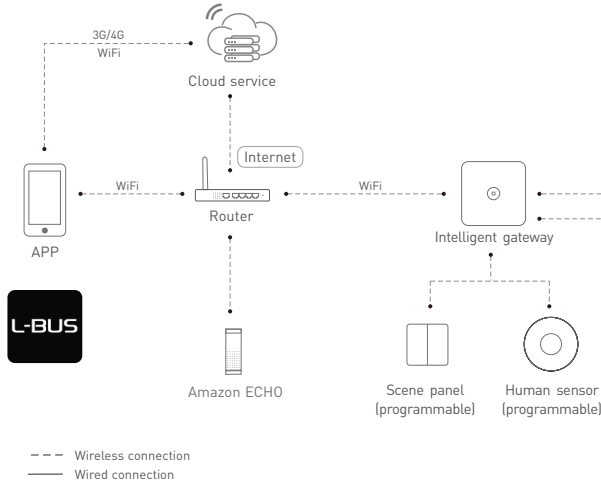


No. 1-15 represent 15 scenes.

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7. System Wiring

L-BUS



8. Optional Accessories

RF signal touch panel

Single zone control Output signal: RF + DMX512



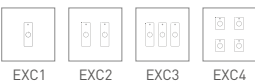
Multi-zone control

Output signal: RF + DMX512



Dimming control

Output signal: RF + DMX512



RF power touch panel

Output signal: RF + Power output

RF+phase-cut RF+0-10V



Wireless driver



Wireless module (Can be connected to more than 100 types of LTECH dimmable driver.)



RF relay



Other accessories



* More supporting equipments is applicable to L-BUS system, please consult the supplier for details.

9. APP Introduction

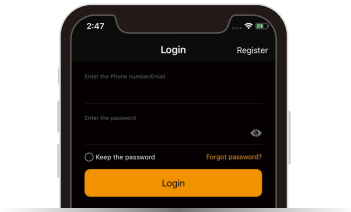
9.1 Install APP

9.1.1 Install APP via mobile phone



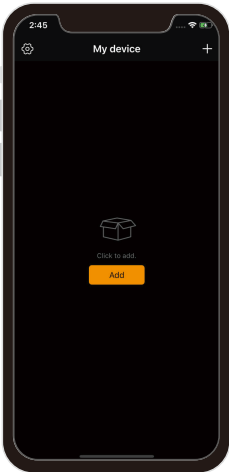
Scan QR Code to download "L-BUS"

9.1.2 Open APP and register or login.



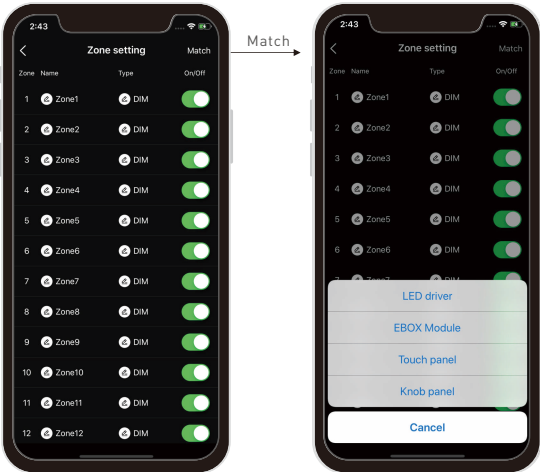
9.2 Device management:

9.2.1 Match device: Open APP, enter "My Device" interface, click "+" icon, following the prompts to add WiFi-108.



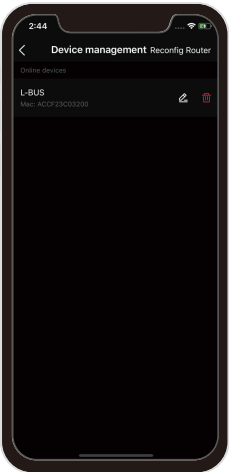
9.2.2 Match panel / lamps

Click right bottom "more" icon ≡ to enter, then click "Zone setting", in "Zone setting" interface, click right top "Match" key to match panel, lamps and EBOX.



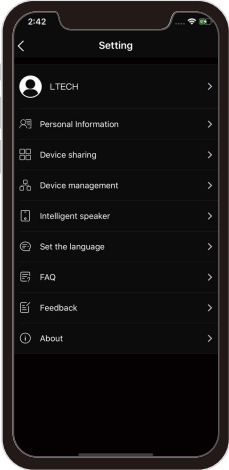
9.2.3 Reconfigure router

Click left top "Setting" icon ⚙ in home page, then click "Device management" to enter its interface, click right top "Reconfig Router", then operate following the prompts.



9.2.4 Device sharing:

Click the left top “Setting” icon  in home page, and choose “Device sharing” to enter, click the bottom “invitation”. (details please refer APP, QR code invitation is effective within 30 minutes.)



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10.5 What can we do if failed matching the sub-devices and gateway.

- 10.5.1 Please check the distance between the gateway and the sub-devices, or if there is any large area of metal barrier. Please shorten the distance if there are lots of barrier.
- 10.5.2 Please add the EBOX-AP RF relay if any long distance situation.

10.6 How to restore factory settings or unbind the current host account?

Insert the pin into the “RESET” hole for 6 second, restore factory defaults after a long beep. Restore factory settings succeed when the blue indicator lights flashes. Then all the data is cleared and the current host account is unbound.

Please contact suppliers if needs more support.

11. Attention

- When placing, please avoid close to a large area of metal objects, so as not to disturb signal.
- Please use 5V power adapter for the gateway.
- Please don't use it in wet environment.
- No burning, no heating.
- Please don't open, alter, repair or maintenance the gateway, or it will be out of warranty.

10. FAQ

- 10.1 Is there a requirement for the mobile version of this product?
Please use Android 4.0, iOS 9.0 or higher version.

10.2 What we can do if gateway match failed?

- 10.2.1 Please check if the router net in 2.4G band. The 5G is not available. Please set the router into 2.4G if you use the intelligent dual-band routers.
- 10.2.2 Please do not hide your router network.
- 10.2.3 Please keep the distance between devices and router close.
- 10.2.4 Kindly check the WiFi signals.
- 10.2.5 Kindly check the WiFi account and password.
- 10.2.6 Kindly check the WiFi devices, do not exceed the router capacity.

10.3 How to set up if the configured router needs to be replaced?

Please enter the App and follow the instruction of 9.2.3 after connecting the new router.

10.4 What can we do if the long-range control failed or the gateway offline?

- 10.4.1 Kindly check the network of your mobile phone.
- 10.4.2 Kindly check the router.
- 10.4.3 Kindly check the power of gateway or if the devices are restored factory setting.

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12. After-sales Service Instruction

Thanks for buying L-BUS intelligent gateway. A 5-year warranty is given from the date of purchase. Please contact supplier before sending back.

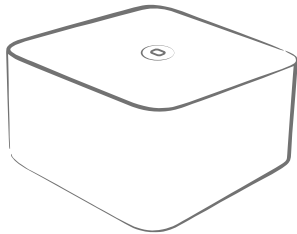
Warranty exclusions below:

- Product broken because wasn't installed, used, maintained, reserved according to the manual.
- Beyond the warranty period
- Warranty label, fragile label and unique barcode label have been damaged.
- Unauthorized changes the configuration file or disassemble repair, the product appears to have excessive physical damage.
- Damage due to human factors: unsuitable voltage input, high temperature, influent, mechanical damage, severe oxidation or rust.
- Damage due to natural disasters and force majeure.
- Damage caused by other non product design, technology, manufacturing, quality problems.

* No further notice if any changes in the manual.
Product function depends on the goods.
Please feel free to contact our official distributor if any question.

LTECH

L-BUS智能照明控制系统



智能网关

Model: WiFi-108

LTECH

WiFi-108智能网关

1. 产品特点:

- 通过云端服务，实现全球远程控制。
- 采用无线RF与有线二合一控制方式，工程应用更灵活方便。
- 多区域调光调色，多群组控制。
- 一键场景应用，定时功能。
- 高级灯光编程设定，能模拟日出日落等任意变化效果。
- 支持手机、遥控器及调光面板控制一切灯光效果。
- 语音控制, 支持亚马逊ECHO、天猫精灵智能音箱。
- 开放第三方干接点接口。

2. 性能参数:

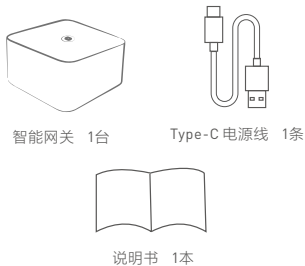
产品型号:	WiFi-108	电源接口:	USB type-C
通信标准:	2.4GHz Wi-Fi, 802.11b/g/n协议 2.4GHz RF	工作温度:	-30°C~60°C
输入电压:	5Vdc	产品尺寸:	L90×W90×H55mm
扩展接口:	干接点, RS485, L-BUS协议接口	包装尺寸:	L122×122W×79Hmm
		重量 (毛重):	380克

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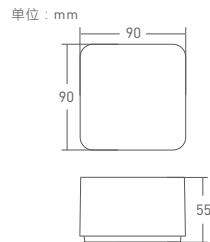
LTECH

WiFi-108智能网关

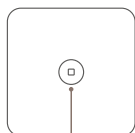
3. 包装内容:



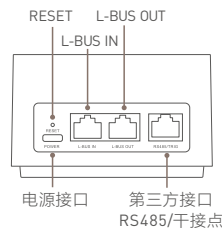
4. 产品尺寸:



5. 接口说明:



配对键
(配网时使用)



RESET: 恢复出厂键, 用插针长按6秒即可。
(所有数据会被清空, 请谨慎使用)
具体请参看10.6。

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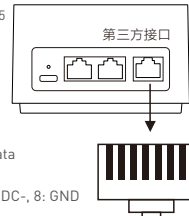
LTECH

WiFi-108智能网关

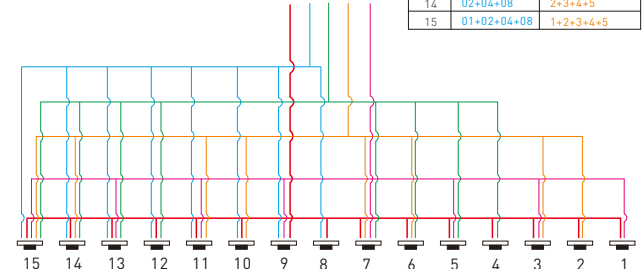
6. 第三方接口接线图:

干接点的4个触点在RJ45连接器上按照下图按键方式连接, 可触发15个场景, 按键是以二进制组合方式来对应15个场景。

干接点接口 1,2,3,4: Data
5: 3.3Vdc
485接口 6: DC+, 7: DC-, 8: GND



场景编码: 08 04 02 01
接线端口: 8 7 6 5 4 3 2 1

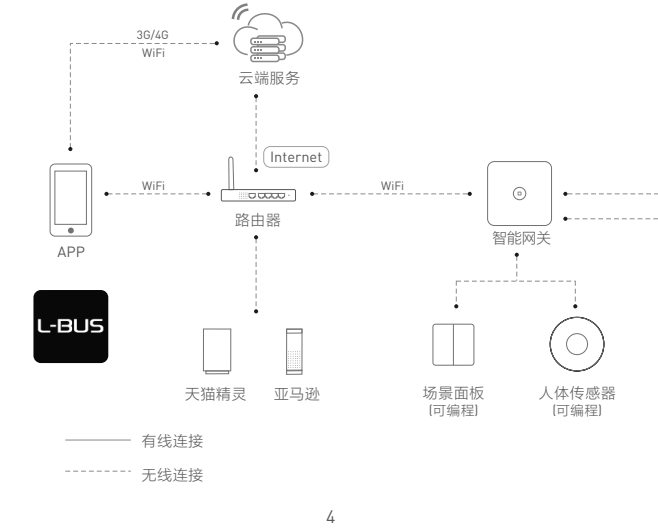


1-15代表15个场景

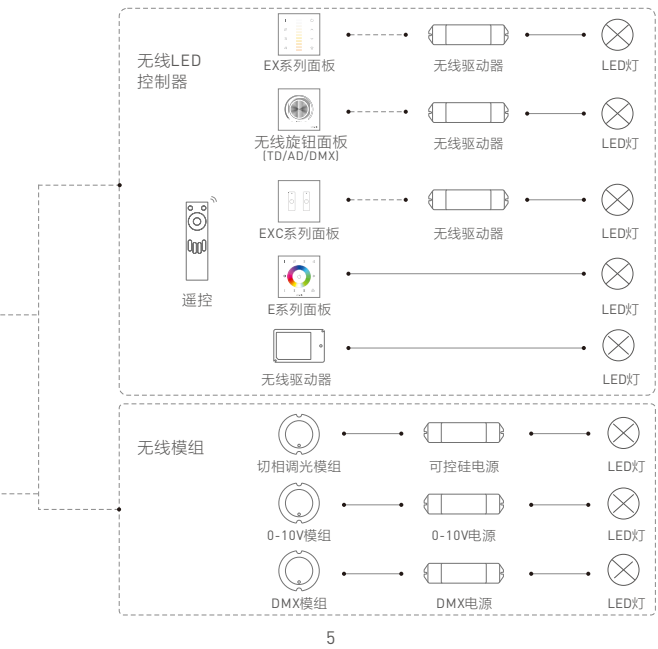
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7. 系统图:

L-BUS



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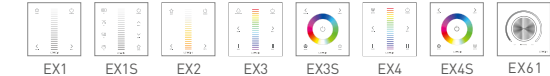


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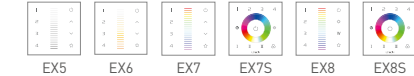
8. 可选配件

RF信号型 触摸面板

单区控制 输出信号：RF+DMX512



多区控制 输出信号：RF+DMX512

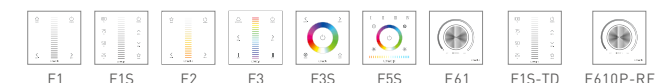


调光控制 输出信号：RF+DMX512



RF功率型 触摸面板

输出信号：RF+功率输出



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无线驱动器



无线模组 (可以对接雷特一百多款调光电源)



RF中继器



其他配件



* 更多配套设备均适用于L-BUS系统，具体请咨询供应商。

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9. APP使用介绍

9.1 安装APP

9.1.1 手机安装APP。



扫码下载“L-BUS”

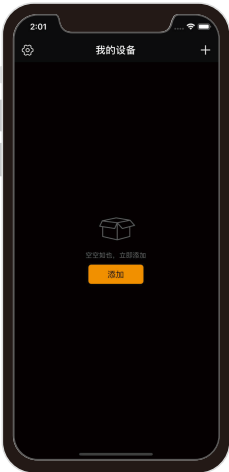
9.1.2 打开APP进行登录/注册操作。



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9.2 设备管理：

9.2.1 配对设备：打开APP，点击右上角“+”，按照提示添加WiFi-108。



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9.2.2 学习面板/灯具

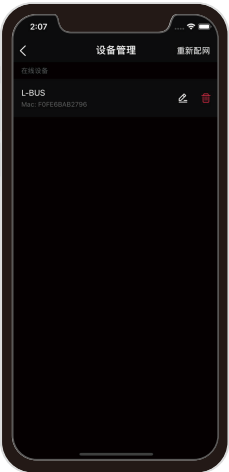
点击右下角“更多”图标，进入“更多”界面后，点击“分区设置”右上角“配对”进行面板、灯具及EBOX的配对。



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9.2.3 重新配网

点击首页左上角“设置”图标，在设置界面点击“设备管理”进入其界面，点击右上角的“重新配网”，按提示操作即可。



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9.2.4 设备共享：

点击首页左上角“设置”图标，在设置界面点击“设备共享”进入其界面，点击下方的“发起邀请”即可。（具体请参看手机APP，二维码邀请有效时间30分钟）



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10.5 子设备与智能网关配对不成功怎么办？

- 10.5.1 请检查智能网关与子设备之间是否距离太远，或中间有大面积金属阻隔，阻隔层较多，可尝试缩短距离后再进行配对。
- 10.5.2 若网关与子设备之间距离较远，可增加EBOX-AP RF信号中继器扩展距离。

10.6 如何恢复出厂设置或解绑当前主人账号？

使用插针长按网关 RESET孔6秒，听到1声长响，开始恢复出厂，指示灯蓝色快闪时，恢复出厂成功。所有数据被清空并解绑当前主人账号。

11. 注意事项

- 摆放时，注意避免靠近大面积金属物体，以免信号干扰影响使用。
- 使用本产品应搭配5V的电源适配器。
- 不能在潮湿环境中使用。
- 禁止灼烧，远离热源。
- 请勿打开、改动、修理或维护本产品，否则不予保修。

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10. 常见问题及回答

10.1 这款产品对手机有要求吗？

有，请使用Android4.1、ios 9.0及以上手机系统。

10.2 配网失败怎么办？

- 10.2.1 检查是否在2.4G频段路由器配网，不支持5G频段配网。如是智能双频路由器，请把路由器设置为2.4G频段。
- 10.2.2 路由器网络不可隐藏。
- 10.2.3 设备与路由器距离不可太远。
- 10.2.4 检查路由器无线网络质量。
- 10.2.5 检查配网输入的WiFi和密码是否正确。
- 10.2.6 检查配网时，路由器已连接的WiFi设备，请勿超出路由器的带载量。

10.3 当网关已配置的路由器需要更换时，该怎么设置？

请手机连接新的路由器后，打开APP按说明书9.2.3的步骤重新配网。

10.4 远程控制失败（或网关离线）怎么办？

- 10.4.1 检查手机网络是否正常。
 - 10.4.2 检查网关配置的路由器是否正常。
 - 10.4.3 检查网关通电是否正常，是否设备恢复了出厂设置。
- 如一直无法正常应用请联系客服咨询。

12. 售后服务说明

感谢您购买L-BUS智能网关，我们的产品提供 5 年维修保证，自您收到商品之日起 5 年内可享受免费维修服务。寄送保修前请先与供应商取得联系。

请注意：凡有以下情况之一者，不属于免费保修范围。

- 未按照使用说明书要求安装、使用、维护、保管导致的产品故障或损害的；
 - 已经超出保修期限的；
 - 擅自涂改、撕毁产品条形码；
 - 擅自改动本身固有的配置文件或擅自拆机修理；
 - 人为导致产品损害，例如输入不合适电压，高温，进水，机械损坏，摔坏，产品严重氧化或生锈等；
 - 因不可抗力如地震、火灾、水灾、电击等导致的产品故障或损坏；
 - 其他非产品本身设计、技术、制造、质量等问题而导致的故障或损坏。
- * 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。

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