

SmartRoom®

※本企业通过ISO9001:2008质量管理体系标准

零火线开关04型系列

产品使用说明书

(本说明书以三键开关为例)



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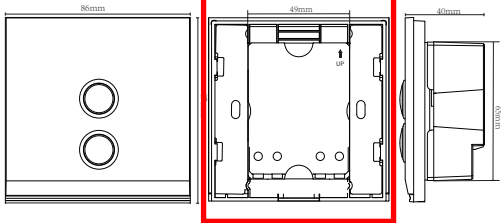
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欢迎您使用 *SmartRoom*[®] 零火线开关04型系列产品

- *SmartRoom*[®] 是南京物联传感技术有限公司的注册商标, 本说明书中提到的所有其他产品名称或商标是其各自品牌所有者的商标或注册商标。
- 使用前请您认真阅读产品使用说明书, 确保正确、安全地使用。
- *SmartRoom*[®] 零火线开关04型系列产品(以下简称“本产品”)为南京物联传感技术有限公司(以下简称“我司”)出品的智能家居控制类产品。本产品需与智能家居相应的APP客户端同步使用, 并须使用本产品自带的配件, 如您未正确地安装及使用本产品, 而造成的损失, 我司将不承担任何责任。
- 我司随时可能对本说明书中的产品信息进行更新, 恕不另行通知。请您及时关注我司资讯, 自行下载最新版APP客户端。
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- 欢迎您登录我司官网www.wulian.cc, 了解更多智能家居产品信息。

产品外观

一路/两路开关

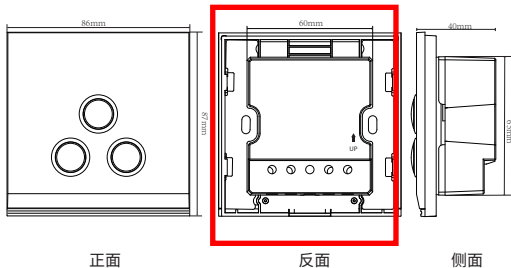


正面

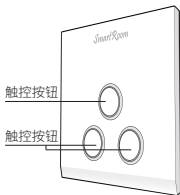
反面

侧面

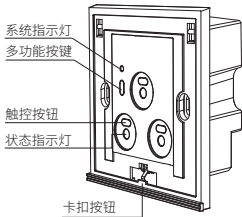
三路开关



产品展示



装饰盖



主体

功能特性

- 支持IEEE 802.15.4 ZigBee/SmartRoom协议。
- 本产品可与我司控制类、安防类等设备联动, 轻松实现本地及远程控制功能。
- 能够与多个场景开关、绑定开关类设备进行绑定, 实现多个绑定场景控制同一个设备。
- APP客户端界面简洁, 操作简单、快捷。
- 采用国家标准86盒尺寸设计, 可直接安装于墙面标准暗盒中, 方便替换普通墙面开关。
- 外观设计时尚, 完美搭配各种装修风格。

规格参数

结构参数

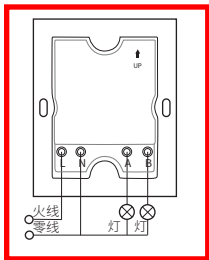
外形尺寸	86x87x40mm
材质颜色	烤漆, 白色;钢化玻璃, 白色,钢化玻璃,土豪金
阻燃等级	UL94 V-0
工作环境温度	-10°C~+45°C
工作环境湿度	≤95%RH (不凝结)

硬件参数

通信协议	IEEE 802.15.4 ZigBee/ SmartRoom
天线类型	PCB天线
电源参数	100-240V AC, 50/60Hz
待机功耗	$\leq 0.5W$
总路数最大阻性负载	2000W (如白炽灯、卤素灯等阻性负载)
总路数最大感性、容性负载	1400W (如节能灯、日光灯、LED等感性、容性负载)

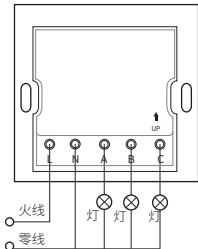
安装步骤

1、接线图示 一路/二路开关



接口	单键	双键
L	火线	
N	零线	
A	一路负载 火线输出	一路负载 火线输出
B	/	二路负载 火线输出

三路开关

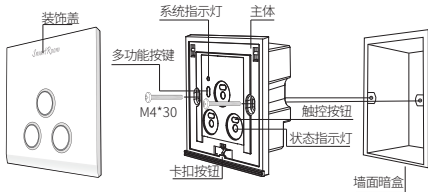


接口	三键
L	火线
N	零线
A	一路负载火线输出
B	二路负载火线输出
C	三路负载火线输出



安装前请确认电源已关闭!电工作业危险,非专业人士不得擅自操作

2、按上图所示,正确接线后,按下卡扣按钮,取下装饰盖,用两颗螺丝(M4*30),将本产品主体固定在墙面暗盒内(主体安装在暗盒内的方法与普通墙面开关的安装方法相似)。



3、卡上装饰盖,安装完成。(卡上装饰盖前,请先进行联网设置)

联网设置

设置前,请确认网关(需另外购买)正常工作。同时,确认本产品处于通电状态,并处于网关的有效通信距离内。

1、加网设置

快击【多功能按键】4次,单次快击时间不超过1秒,申请加入ZigBee网络;搜索网络中,【系统指示灯】呈蓝色闪烁;成功加入网络后,【系统指示灯】呈蓝色长亮2秒后熄灭。

2、绑定设置

首先长按【多功能按键】,同时快击一下需要绑定的【触控按钮】,然后松开【多功能按键】,【系统指示灯】呈蓝色闪烁1次,表示发出绑定请求,20s内按相同步骤操作需要绑定的设备。绑定成功后,【系统指示灯】呈蓝色闪烁3次;若绑定不成功,【系统指示灯】呈蓝色闪烁6次。

3、退网设置

长按【多功能按键】10秒,恢复为出厂设置,【系统指示灯】呈蓝色闪烁4次后熄灭,同时退出ZigBee网络。

※说明:当本产品需要加入到其他网关时,请先退出当前网关,再进行联网设置

软件下载

下载方式一

请扫描本产品包装盒上的二维码, 下载最新版本软件客户端。

下载方式二

官网下载地址:<http://www.wulian.cc/service.shtml>

【温馨提示】:初次使用时, 请先安装APP客户端, 并仔细阅读产品说明书; 请时常关注我司资讯, 以便及时更新。



注意事项

- 本产品务必安装在塑料暗盒中！如果安装在金属暗盒中，则可能削弱无线通信信号，从而降低通讯效率。
- 建议将本产品安装在远离洗衣机、微波炉、冰箱、路由器等具有干扰源的区域，否则 将可能影响产品通信灵敏度及其工作性能。
- 建议使用优良品质和正规品牌的灯具，如果使用不合标的产品或伪劣产品，可能会导致本产品性能降低。
- 本产品应安装在干燥清洁的地方，以免内部元器件受潮或其他杂物进入而影响使用效果。

订购信息

产品名称	型号	材质颜色	货号
SmartRoom 零火线单路开关04型	SR-ZCSWNGT-S1311-04	钢化玻璃, 土豪金	SRPN151010052
SmartRoom 零火线两路开关04型	SR-ZCSWNGT-S1321-04	钢化玻璃, 土豪金	SRPN151010053
SmartRoom 零火线三路开关04型	SR-ZCSWNGT-S1331-04	钢化玻璃, 土豪金	SRPN151010054
SmartRoom 零火线单路开关04型	SR-ZCSWNGW-S1311-04	钢化玻璃, 白色	SRPN151010031
SmartRoom 零火线两路开关04型	SR-ZCSWNGW-S1321-04	钢化玻璃, 白色	SRPN151010032

产品名称	型号	材质颜色	货号
SmartRoom 零火线三路开关04型	SR-ZCSWNGW-S1331-04	钢化玻璃, 白色	SRPN151010033
SmartRoom 零火线单路开关04型	SR-ZCSWNPW-S1311-04	烤漆, 白色	SRPN151010043
SmartRoom 零火线两路开关04型	SR-ZCSWNPW-S1321-04	烤漆, 白色	SRPN151010044
SmartRoom 零火线三路开关04型	SR-ZCSWNPW-S1331-04	烤漆, 白色	SRPN151010045

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Smart Switch 04 series

User Manual

(This manual takes Three-Button Switch as an example)



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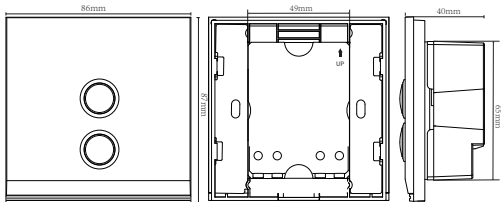
※The company passed the ISO9001: 2008 quality management system standard

Welcome to Use Smart Switch 04 Series(L&N)

- *SmartRoom*® is the registered trademark of Nanjing IoT Sensor Technology Co., Ltd. All the other trademarks and registered trademarks mentioned in this manual are trademarks or registered trademarks of their respective owners.
- Please read this manual carefully for the proper use of this product.
- Smart Switch (Three-Gang, L&N) (hereinafter referred to as “this product”) are smart home control products produced by Nanjing IoT Sensor Technology Co., Ltd. (here in after referred to as “Wulian”). This product shall be used with Smart Home APP as well as the supplied accessories. Wulian is not responsible for any loss due to improper installation and usage of this product.
- Please check the Wulian website periodically for manual and APP update availability and the relevance.
- Without the written permission of Wulian, any individuals and enterprises shall not copy all or part of the contents of this manual, or use our registered trademark. Any illegal use of our trademarks shall be investigated according to law.
- For more information about smart home products, please visit: <http://www.wulian.cc/english>

Product Appearance

One/Two-Gang Switch

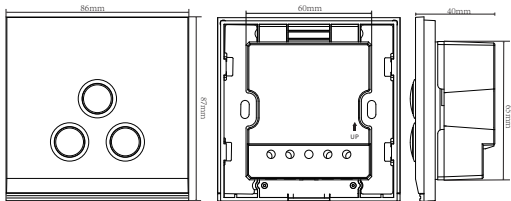


Front

Back

Side

Three-Gang Switch

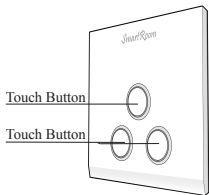


Front

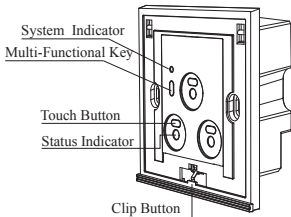
Back

Side

Product Illustration



Housing



Main Body

Features

- Support new IEEE 802.15.4 ZigBee/SmartRoom protocol.
- Make linkage with our control and security devices to realize local and remote control.
- Bind with several remote devices to realize one switch controls several devices or several switches control one device.
- Realize timing setting, scene setting by Smart Home APP. It's easy and convenient to operate.
- Adopting international standard box design (86mm), this switch can be installed to the wall standard inner box and replace the normal switch directly.
- Exquisite in appearance and design, this product merges perfectly with all decoration styles.

Specification Parameter

Structure Parameter

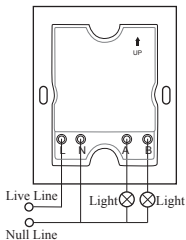
Overall Dimension	86×87×40mm
Material & Color	Baking Varnish White; Tempered Glass White/Godern
Flame Retardant Rating	UL94 V-0
Working Temperature	-10℃ ~+45℃
Working Humidity	≤95%RH (Noncondensing)

Hardware Parameter

Communication Protocol	IEEE 802.15.4 ZigBee/ SmartRoom
Antenna Type	PCB Antenna
Power Parameter	100-240V AC , 50/60Hz
Standby Power Consumption	$\leq 0.5W$
Total Maximum Resistive Load	2000W (Incandescent Lamp/Halogen Lamp)
Total Maximum Inductive /Capacitive Load	1400W (Energy Saving Lamp/Fluorescent Lamp/LED)

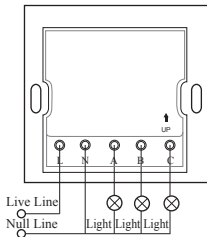
Installation Steps

1、Wiring Illustration One/Two-Gang,Load Switch



Port	Single Button	Double Buttons
L	Live Line	
N	Null Line	
A	Live Line Output (One-Gang Load)	Live Line Output (One-Gang Load)
B	/	Live Line Output (Two-Gang Load)

Three-Gang, Load Switch

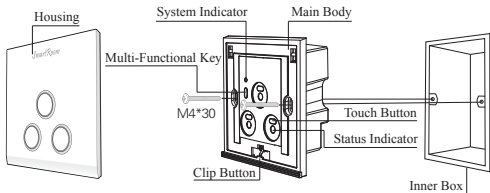


Port	Three Buttons
L	Live Line
N	Null Line
A	Live Line Output (One-Gang Load)
B	Live Line Output (Two-Gang Load)
C	Live Line Output (Three-Gang Load)



Please ensure the power supply is off before installation! Dangerous work!
Non-professionals cannot operate without authorization!

2. After correct wiring as per above illustration, push clip button to remove the housing. Fix switch main body in the embedded wall box via 2 pieces of screw (M4*30). (Installation method of main body is same as that of common wall switch)



3. Close the housing to finish installation.(Join the network before closing the housing.)

Network Setting

Before setting, please make sure the gateway (additional purchase) works normally. Ensure that power is supplied to this product, and it is within the effective communication range of the gateway.

1. Add ZigBee Network

Quick click [Multi-Functional Key] 4 times to apply for joining ZigBee network, and each click is less than 1s. While searching networking, [System Indicator] is flashing blue. After joining ZigBee network successfully, [System Indicator] stays blue 2 seconds, and then goes out.

2. Binding Setting

Press [Multi-Functional Key] while quickly click once [Touch Button] needed to bind for less than 1 second. Then loosen [Multi-Functional Key]. [System Indicator] is flashing blue once means send binding request. Operate device needed to bind with same steps within 20 seconds with same steps. After a successful binding, [System indicator] is flashing blue 3 times. If binding fails, [System indicator] is flashing blue 6 times.

3. Exit ZigBee Network

Long press [Multi-Functional Key] 10 seconds. [System Indicator] is flashing blue 4 times, and

※**Note:** What this product needs to add other gateway, please exit Zigbee network, and the join the network.

Software Download

Option A:

Download the latest Smart APP by scanning QR code on the package box of this product.

Option B:

iOS user can download the APP by searching "Wulian Smart Home" in "APP Store".

Android user can download the APP by searching "Wulian Smart Home" in "Google Play".

【Warm prompt】 : For the first use, please download Smart Home APP and read User Manual carefully. Please pay attention to Wulian information to download the latest APP



Cautions

- This product must be installed in the plastic box! Installation in the metal cassette may weaken wireless communication signals so that it may lower the communication efficiency.
- Keep this product away from interference source, for example, washing machine, microwave oven, refrigerator, router, etc., or its working sensitivity and performance may be affected.
- Please use regular brand lamps with good quality. Any unqualified or fake products may cause low performance.
- This product should be installed in dry and clean place to prevent inner component from dampness or other debris.

Purchasing Information

Product Name	Model	Material & Color	Item No.
Smart Switch (One-Gang, L&N,04)	SR-ZCSWNGT-S1311-04	Tempered Glass & Golden	SRPN151010052
Smart Switch (Two-Gang, L&N,04)	SR-ZCSWNGT-S1321-04	Tempered Glass & Golden	SRPN151010053
Smart Switch (Three-Gang, L&N,04)	SR-ZCSWNGT-S1331-04	Tempered Glass & Golden	SRPN151010054
Smart Switch (One-Gang, L&N,04)	SR-ZCSWNGW-S1311-04	Tempered Glass & White	SRPN151010031
Smart Switch (Two-Gang, L&N,04)	SR-ZCSWNGW-S1321-04	Tempered Glass & White	SRPN151010032

Product Name	Model	Material & Color	Item No.
Smart Switch (Three-Gang, L&N,04)	SR-ZCSWNGW-S1331-04	Tempered Glass & White	SRPN151010033
Smart Switch (One-Gang, L&N,04)	SR-ZCSWNPW-S1311-04	Baking Varnish & White	SRPN151010043
Smart Switch (Two-Gang, L&N,04)	SR-ZCSWNPW-S1321-04	Baking Varnish & White	SRPN151010044
Smart Switch (Three-Gang, L&N,04)	SR-ZCSWNPW-S1331-04	Baking Varnish & White	SRPN151010045

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