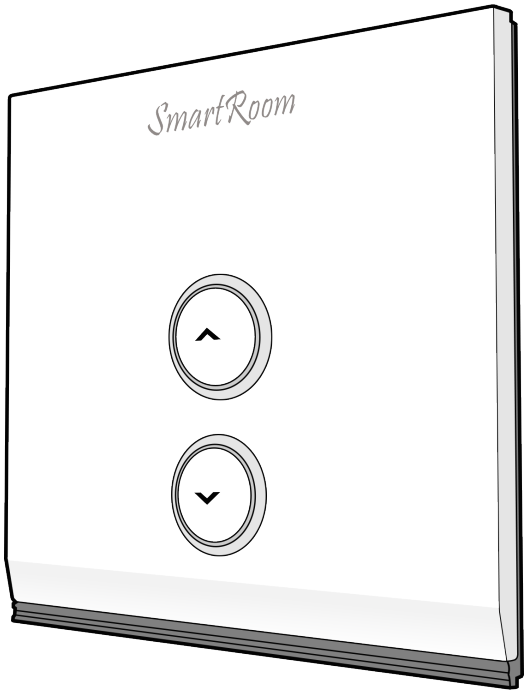
本企业通过ISO9001：2008质量管理体系标准

SmartRoom®

# 单火线单路调光开关

## 产品使用说明书

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# 欢迎您使用SmartRoom单火线单路调光开关产品说明书

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●使用前请您认真阅读本产品使用说明，确保正确、安全地使用。

●SmartRoom单火线单路调光开关产品（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。本产品需要与智能家居相应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。

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# 产品特点

●支持IEEE 802.15.4 ZigBee/SmartRoom协议。

●本产品可直接通过按键或移动智能终端，调节灯光亮度，营造舒适的生活环境。

●通过与绑定开关联动，可实现多个开关控制一路设备，或一个开关控制多路设备的无线自由控制。

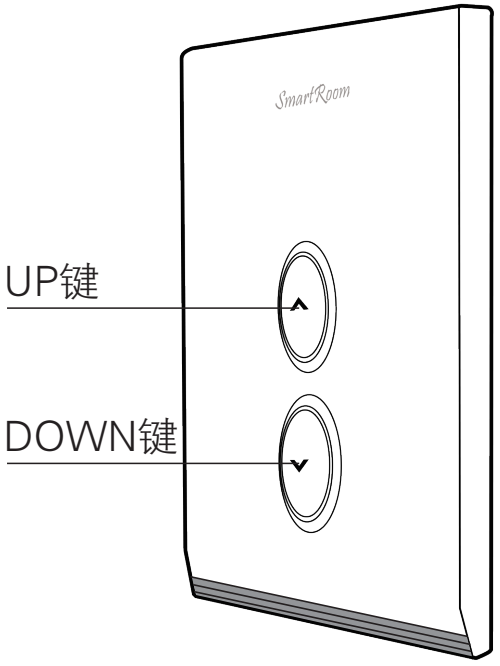
●本产品均采用国家标准86盒尺寸设计，可直接安装于墙面标准暗盒中，方便替换普通墙面开关。

●外观设计时尚，完美搭配各种装修风格。

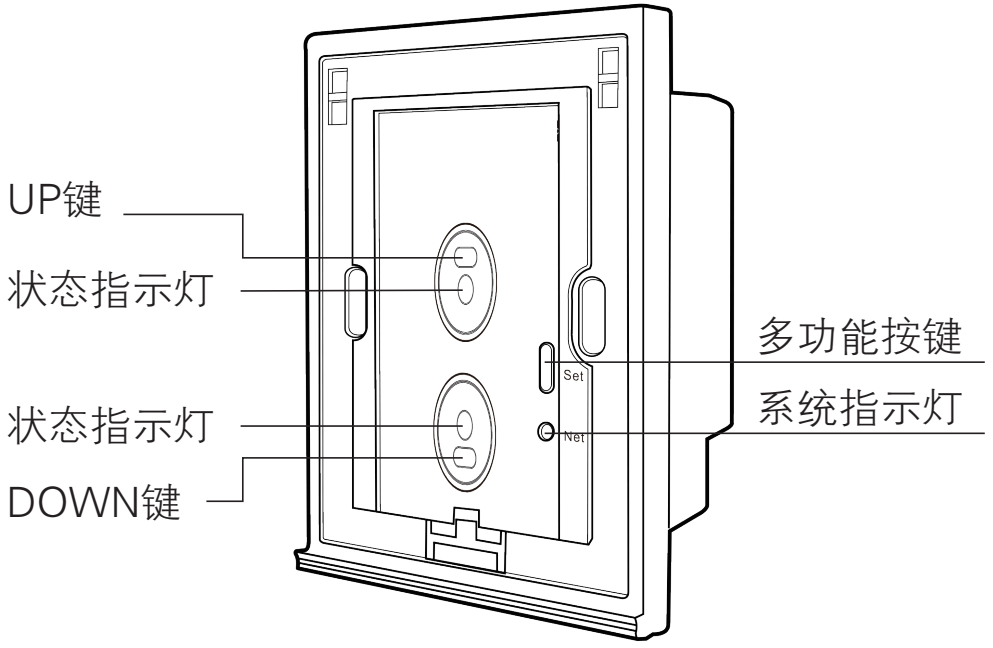
# 产品参数

| | |
|---|---|
| 通信协议 | IEEE 802.15.4 ZigBee/ SmartRoom |
| 天线类型 | PCB天线 |
| 电源参数 | 110–240V AC，50/60Hz |
| 最小负载 | 25W |
| 待机功耗 | ≤0.3W |
| 面板尺寸 | 86.8mm×87.2mm（面部整个尺寸） |
| 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 |
| 净重 | 140g（烤漆），200g（钢化玻璃） |
| 最大阻性负载 | 300W（如白炽灯、卤素灯等阻性负载） |
| 工作环境温湿度 | –10℃～+45℃/≤95%RH（不凝结） |

# 功能图示


SmartRoom
UP键
DOWN键

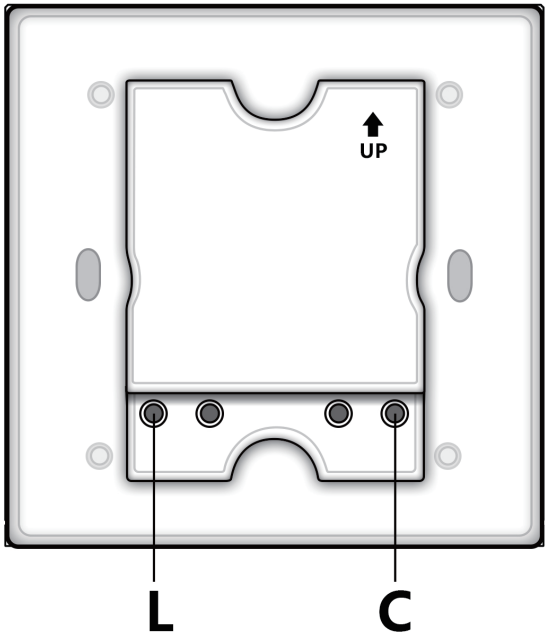
装饰盖


UP键
状态指示灯
状态指示灯
DOWN键
多功能按键
系统指示灯
Set
Net

主体

# 安装步骤

1、按图示接线；



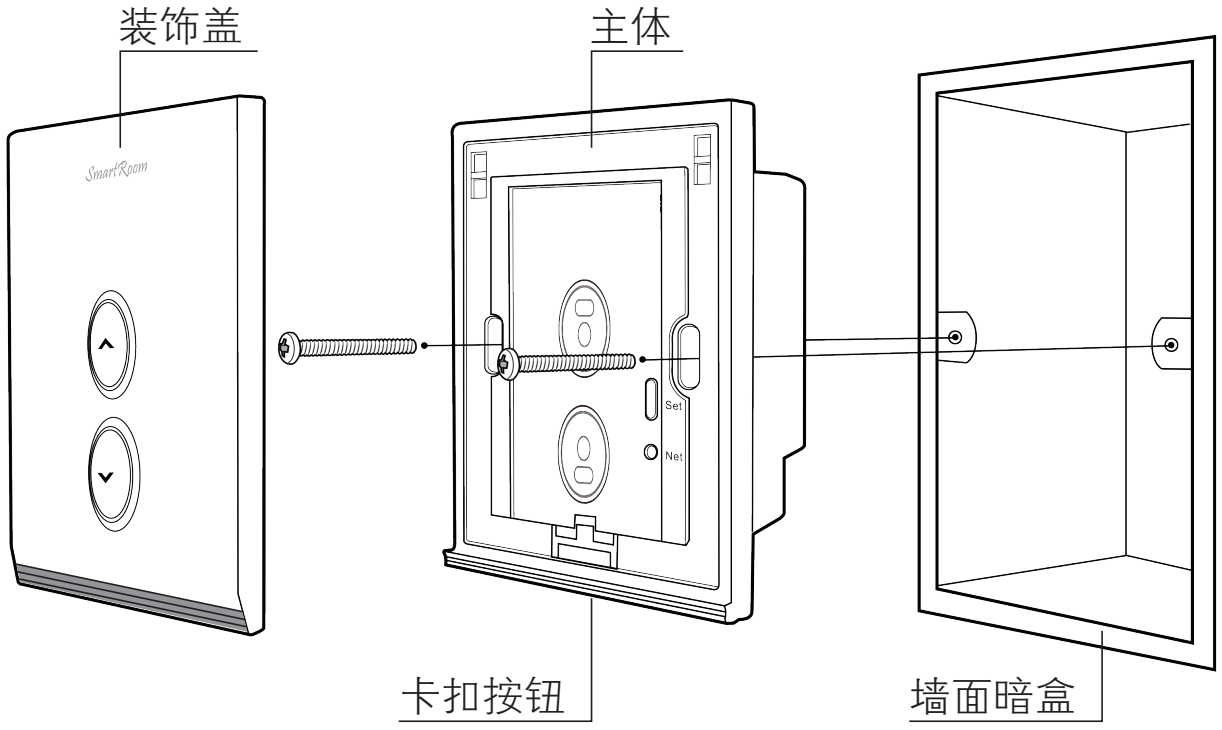

| 接口 | 接线 |
| --- | --- |
| L | 火线输入 |
| C | 负载输出 |

注意：安装前请先确认电源已关闭！

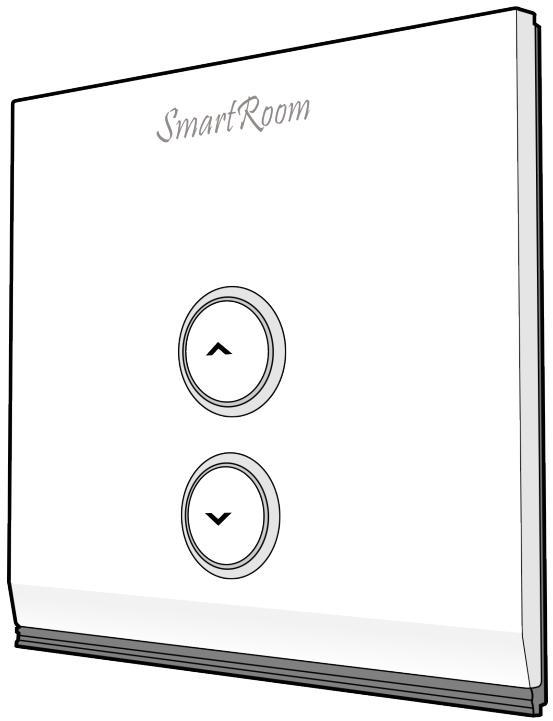
电工作业危险，非专业人士不得擅自操作！

2、正确接线后，取下装饰盖，用两颗螺丝将本产品主体固定在墙面暗盒内。

说明：安装方法与普通墙面开关安装方法相同。



3、卡上装饰盖，安装完成（卡上装饰盖前，请先进行联网设置）。

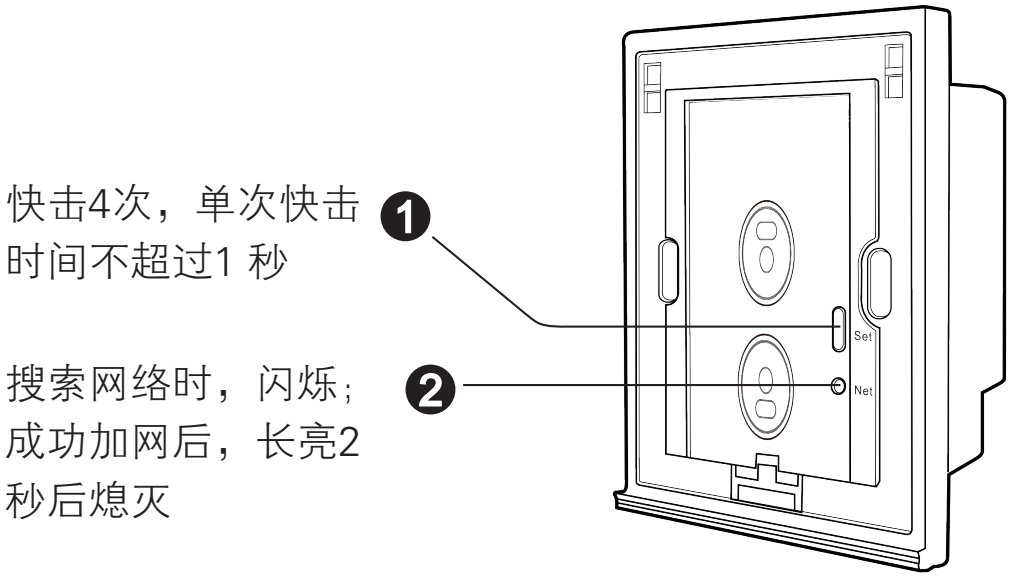


# 联网设置

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

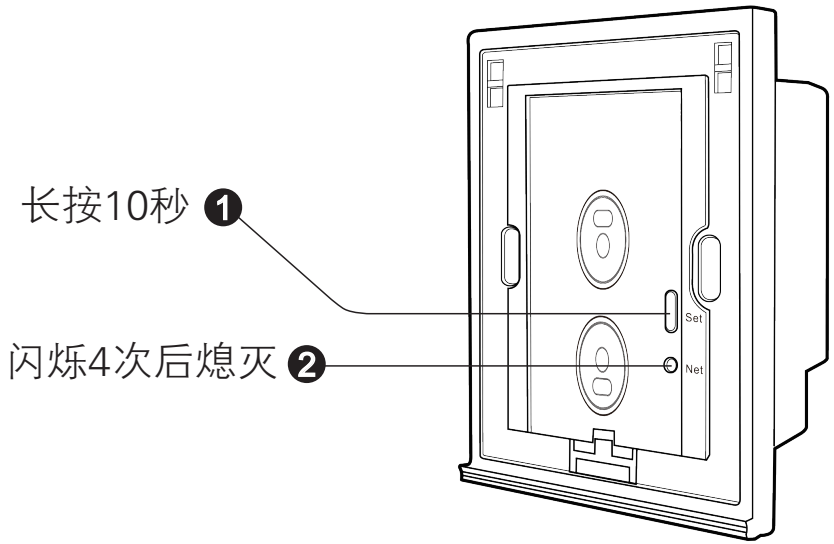
1、加网设置

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】闪烁；成功加入ZigBee网络后，【系统指示灯】长亮2秒后熄灭。



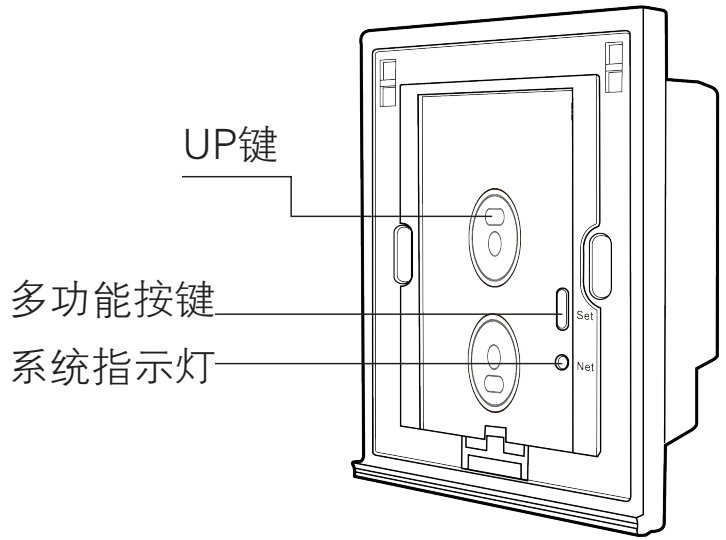
2、退网设置

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



3、绑定设置

长按【多功能按键】不动，同时快击一下【UP键】，后松开【多功能按键】。【系统指示灯】闪烁1次，表示发出绑定请求。20S内操作另一端的输出绑定设备，绑定成功后【系统指示灯】闪烁3次，不成功闪烁6次（本设备可以和场景开关等遥控器类设备绑定，一般需要绑定两次，分别对应设备的调亮和调灭）。



# 使用指南

1、单击【UP键】，灯光设备逐渐变亮，直到最亮值。当灯光设备处于变亮状态时，单击【UP键】，灯光设备将保持当前亮度。再次单击【UP键】，灯光设备继续逐渐变亮，直到最亮值。

2、单击【DOWN键】，灯光设备逐渐变暗，直到最暗值。当灯光设备处于变暗状态时，单击【DOWN键】，灯光设备将保持当前亮度。再次单击【DOWN键】，灯光设备继续逐渐变暗，直到最暗值。

# 注意事项

●安装前请先切断电源！带电作业危险，非专业人士不得擅自操作！

●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单火线单路调光开关 | SR–ZCSWLPW–D1111–01 | 烤漆、白色 | SRPN1303301 |
| | SR–ZCSWLGW–D1111–01 | 钢化玻璃、白色 | SRPN1303311 |
| | SR–ZCSWLGT–D1111–01 | 钢化玻璃、土豪金色 | SRPN140913011 |

# 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：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。**

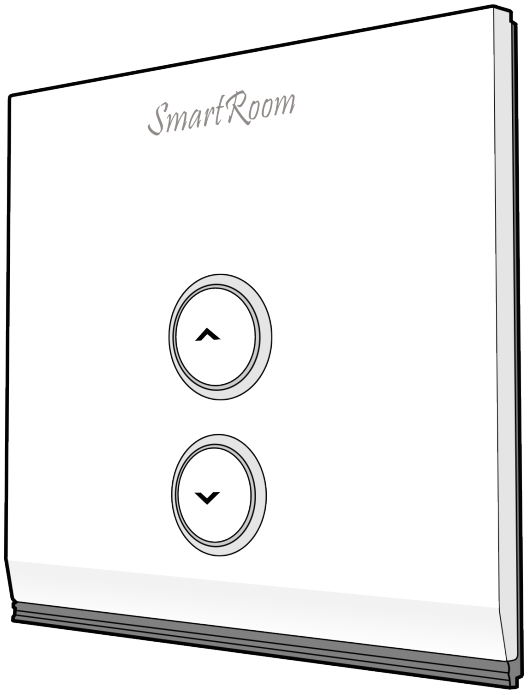
南京市雨花台区凤集大道15号创业创新城–北柚11栋
邮编：210039
服务热线：400–928–9288
官网：www.wulian.cc

The company passed the ISO9001: 2008 quality management system standard

SmartRoom®

# Smart Dimmer Switch

## User Manual

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Publication Number: 2015-0611.V01

# Welcome to Use Smart Dimmer Switch User Manual

● *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 Dimmer Switch (hereinafter referred to as “this product”) are smart home control products produced by Nanjing IOT Sensor Technology Co., Ltd. (hereinafter 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.

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●For more information about smart home products, please visit: www.wulian.cc/english.

# Features

●Support IEEE 802.15.4 ZigBee/SmartRoom protocol.

●Adjust lighting intensity to create comfortable living environment by smart mobile terminal or pressing buttons.

●Make linkage with binding switches to realize several switches control one device or one switch controls several devices.

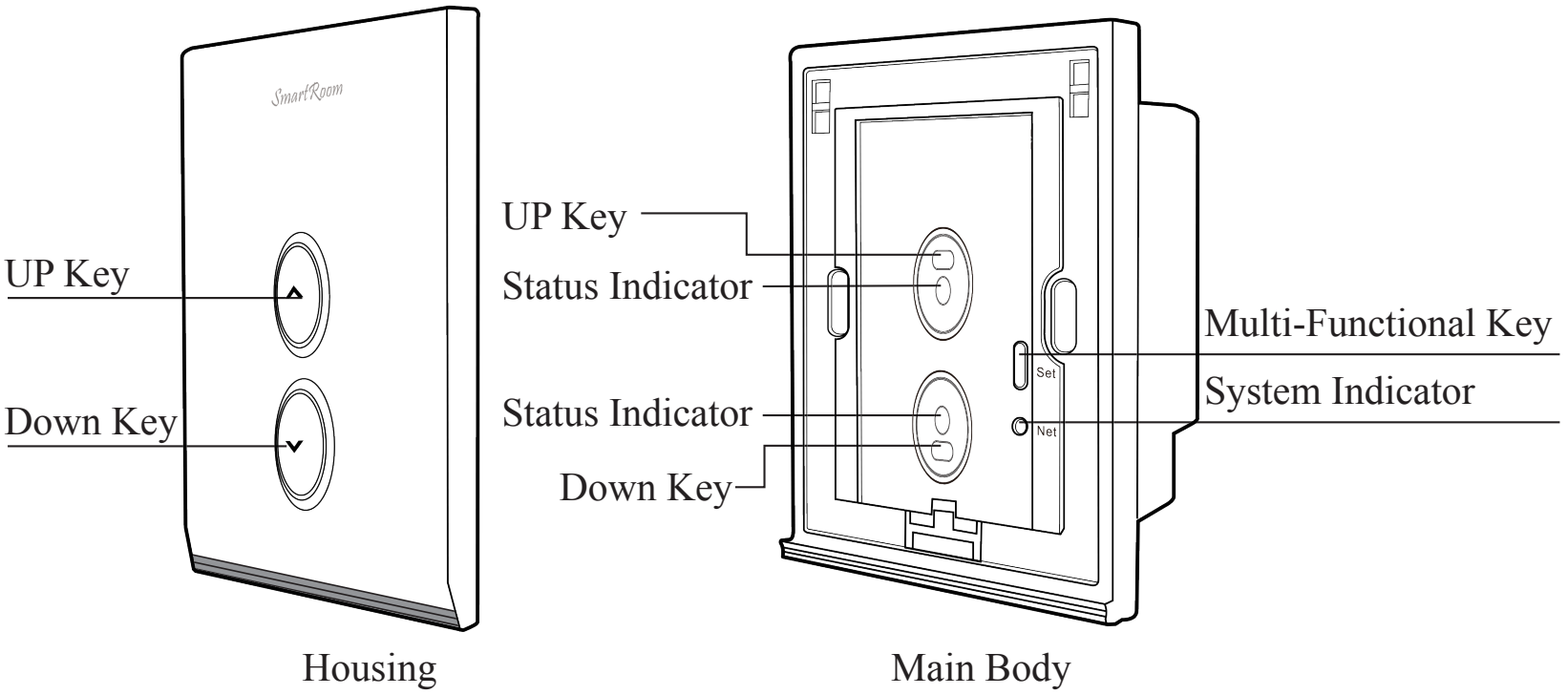
●Adopting international standard box design (86mm), this switch can be installed to the wall standard inner box and replace the normal switch directly.

●Exquisite in appearance and design, merge well with all kinds of home decoration.

# Product Parameter

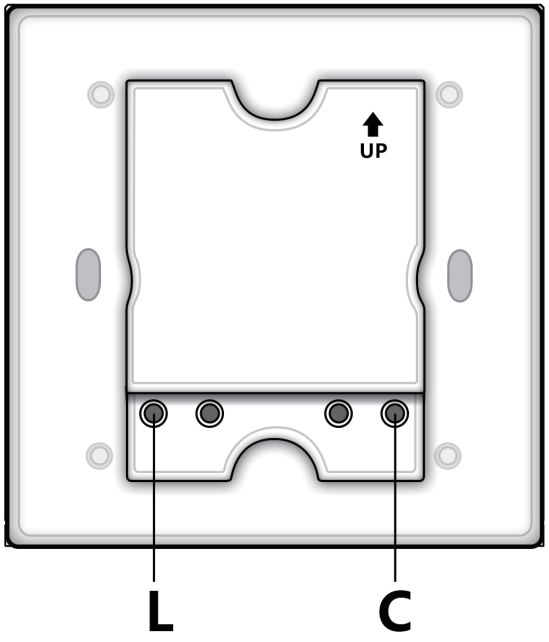
| | |
|---|---|
| Communication Protocol | IEEE 802.15.4 ZigBee/ SmartRoom |
| Antenna Type | PCB Antenna |
| Power Parameter | 110-240V AC，50/60Hz |
| Minimum Load | 25W |
| Standby Power Consumption | ≤0.3W |
| Panel Dimension | 86.8mm×87.2mm（Overall Dimension） |
| Material & Color | Baking Varnish , White Tempering Glass, White Tempering Glass, Gold |
| Flame Retardant Rating | UL94 V-0 |
| Net Weight | 140g (Baking Varnish)，200g(Tempering Glass) |
| Maximum Load Impedance | 300W(Incandescent Lamp/Halogen Lamp) |
| Working Temperature/Humidity | -10℃～+45℃/≤95%RH(Noncondensing) |

# Function Illustration



# Installation Instruction

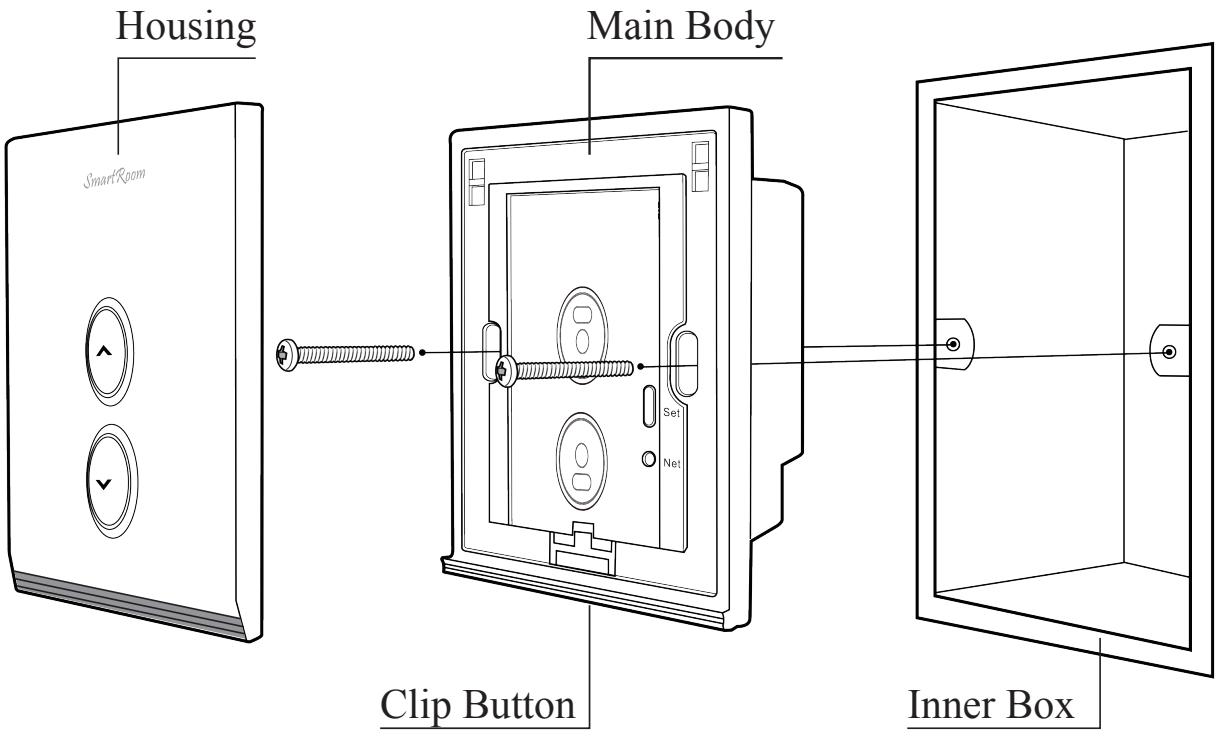
1.Wiring Illustration



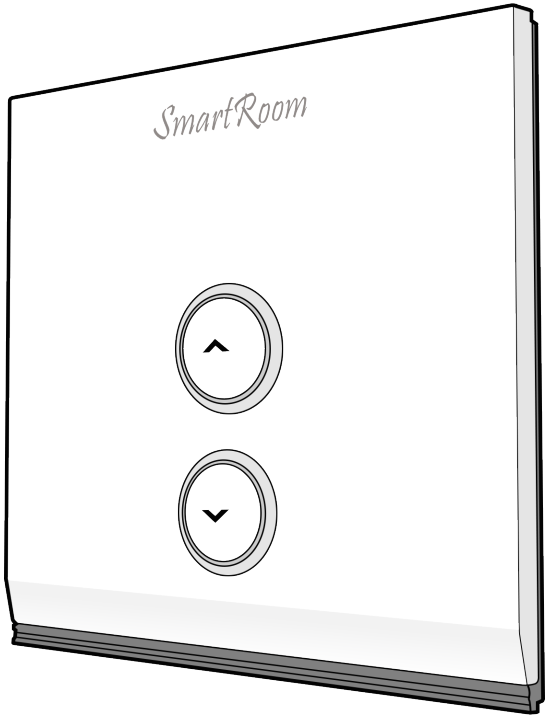

| Port | Wiring |
|---|---|
| L | Live Line Input |
| C | Load Output |

Notes: Cut down the power before installation! It's dangerous to operate with power on. Non-professional operation is strictly prohibited.

2. Remove the housing. After correct wiring, fix main body of this product in the wall inner box via 2*screw.



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



# Network Setting

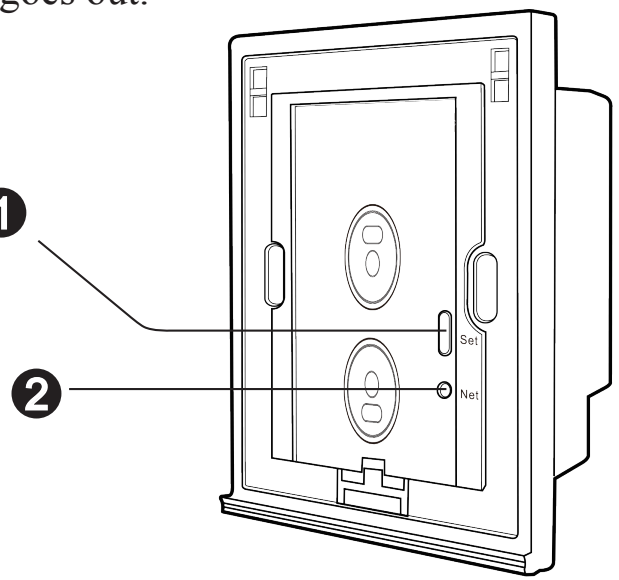
Before setting, please make sure the gateway (additional purchase) works normally. Ensure that power is supplied to this product, and it is within the effective communication range of the gateway.

1. Add ZigBee Network

Quickly click [Multi-Functional Key] 4 times to apply for joining ZigBee network. While searching networking, [System Indicator] is flashing. After joining ZigBee network successfully, [System Indicator] is on 2 seconds, and then goes out.

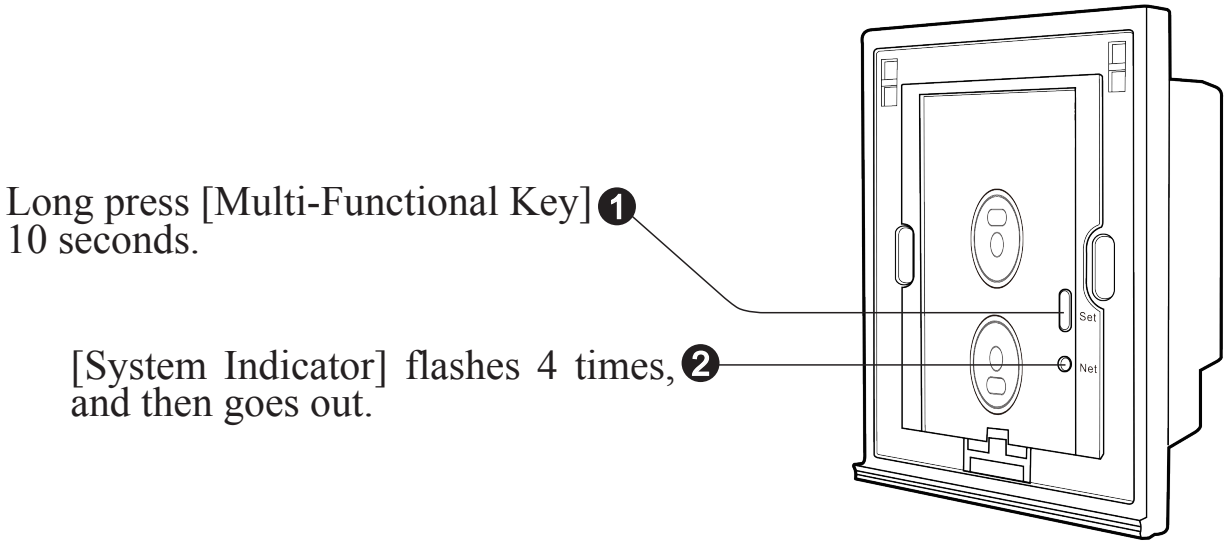
Quickly click [Multi-Functional Key] 4 times, and each click is less than 1s.

While searching networking, [System Indicator] is flashing. After joining ZigBee network successfully, [System Indicator] is on 2 seconds, and then goes out.



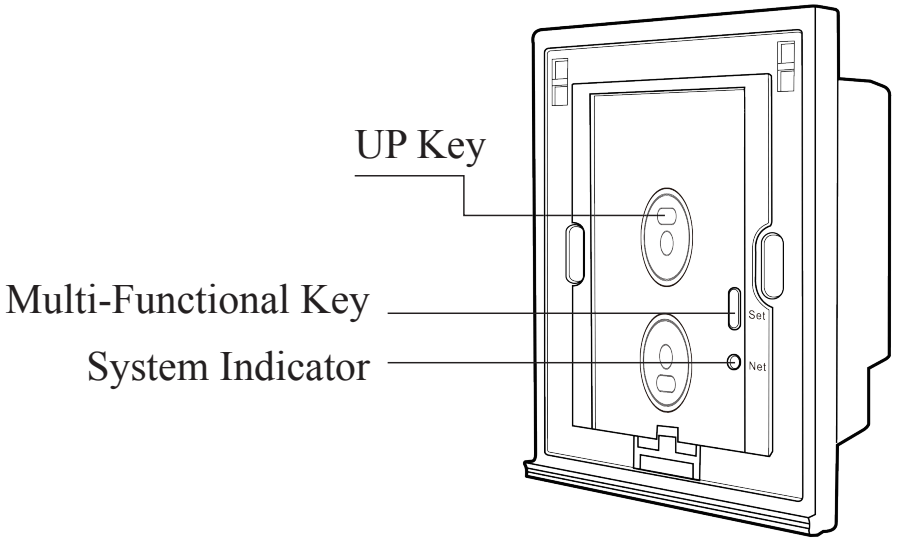
2. Exit ZigBee Network

Long press [Multi-Functional Key] 10 seconds. [System Indicator] flashes 4 times, and then goes out. This product will restore to factory settings, and exit ZigBee network.



3. Binding Setting

Press [Multi-Functional Key] while quickly click [UP Key] once. Then loosen [Multi-Functional Key]. [System Indicator] is flashing once means send binding request. Bind device that requires binding within 20 seconds with same steps. After a successful binding, [System indicator] is flashing 3 times. If binding fails, [System indicator] is flashing 6 times (This device can bind remote control devices such as scene switch. Normally it needs twice bindings respectively for dimming up/down device).



# User Guide

1. Click [UP Key] to dim up light to be lightest. When light device is dimming up, click [UP Key] once, and light keeps current brightness. Click [UP Key] again to dim up device to be lightest.

2. Click [DOWN Key] to dim down light to be dimmest. When light device is dimming down, click [DOWN Key] once, and light keeps current brightness. Click [DOWN Key] again to dim down device to be dimmest.

# Cautions

●Cut down the power before installation! It's dangerous to operate with power on. Non-professional operation is strictly prohibited.

●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 Dimmer Switch | SR-ZCSWLPW-D1111-01 | Baking Varnish, White | SRPN1303301 |
| | SR-ZCSWLGW-D1111-01 | Tempering Glass, White | SRPN1303311 |
| | SR-ZCSWLGT-D1111-01 | Tempering Glass, Gold | SRPN140913011 |

# 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 Promt: Please download Smart Home APP and read user manual at first use. In addition, please follow Wulian lastest news to upgrade the APP timely.

Building 11, No.15, Fengji Road, Yuhuatai District, Nanjing (P. C.: 210039)
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