Air Live Smart Life IOT For Home

SD-104
Wall Dimmer

Quick Installation Guide

01 Introduction

The Dual Relay Wall Switch is a well-designed and remotely intelligent device which can replace your current light switch and automate your home. You can easily know the states of your home appliances like lamps. And no need to worry about if they are not turned off. You can switch the lamp off when you are in office or even go on a vacation.

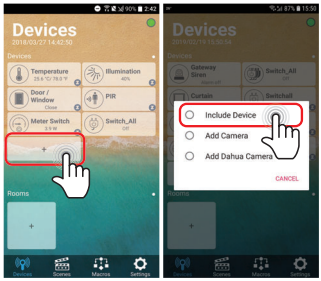
The smart switch can work as a repeater in Z-Wave network. It can extend the Z-Wave network range. And no need to do any configuration,The smart switch brings a convenient and intelligent life to you.

02 Include Wall dimmer -1

Power the device by connecting the power circuit on. Device will automatically be in inclusion mode. If device is not in inclusion mode, press include/exclude button three times in rapid succesion

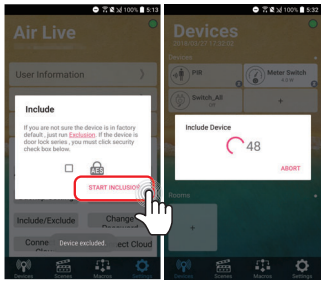
03 Include Wall dimmer -2

- Go to Devices page and click "+" icon.
- Press Include Device



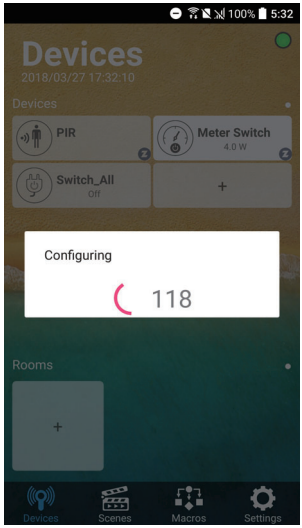
04 Include Wall dimmer -3

- Press "START INCLUSION"
- Start to include a device.



05 Include Wall dimmer -4

When the device is being included, APP will configure the setting into gateway.



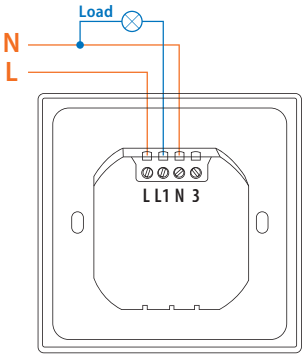
06 Choosing a Suitable Location

1. Do not locate the Dimmer facing direct sunlight, humid or dusty place.
2. The suitable ambient temperature for the Switch is 0°C~40°C.
3. Do not locate the Dimmer where exists combustible substances or any source of heat, e.g. fires, radiators, boiler etc.
4. After power on, the body of Dimmer will become a little bit warm of which phenomenon is normal.

07 Installation Wall dimmer -1

1. Put the Wall dimmer into a wall box and connect the AC power wire L and Neutral wire N to in wall dimmer connector L and N.
2. Connect the load you want to control to L1
3. To manually turn ON the dimmer, press and release the Top of the paddle.
4. To manually turn OFF the Switch, simply press and release the Bottom of the paddle.
5. To increase the brightness, press and hold the Top of the paddle. 6. To decrease the brightness, press and hold the bottom of the paddle.

08 Installation Wall dimmer -2



L : Line voltage input
L1: Switched load output
N : Line neutral
3 : Auxiliary switch signal input

09 LED Indication

1. Normal: When Load is off Blue LED will burn when Load is On the Blue LED will be Off.
2. No node ID:Under normal operation, when the Switch has not been allocated a node ID, the LED flashes on and off alternately.
3. Learning:When SD-104 is in learning mode, LED flashes on and off alternately and repeatedly at 0.5 second intervals.

10 Extra Info

SD-104 not only can be included and operated in AirLive Z-Wave Gateway SG-101 but also any Z-WaveTM certified controller and/or other applications.
The Wall Dimmer has a Max. load of 300Watt. When using LED light bulbs please only use Dimmable LED light bulbs. For more detailed information please read the user guide.

FCC Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- **Reorient or relocate the receiving antenna.**
- **Increase the separation between the equipment and receiver.**
- **Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.**
- **Consult the dealer or an experienced radio/TV technician for help.**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Warning
Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
Contact your local government for information regarding the collection systems available.
If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
When replacing old appliances with new once, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.

RF Exposure Information (SAR)
This device meets the government' s requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.
The exposure standard employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the EUT transmitting at the specified power level in different channels.

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/eot/ea/fccid after searching on **FCC ID: ODMSG101**