Air Live Smart Life IOT For Home

SP-101

Smart Plug

Quick Installation Guide

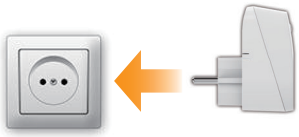
01 Introduction

The SP-101 Smart Plug switch is a security enabled wireless Smart Plug, based on Z-Wave Plus technology. It can be connected by AirLive Z-wave Gateway or other Z-Wave.

Each SP-101 is designed to act as a repeater. Repeaters will re-transmit the RF signal to ensure that the signal is received by its intended destination by routing the signal around obstacles and radio dead spots.

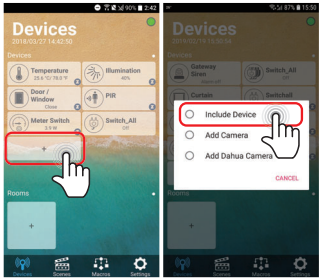
02 Include Smart Plug -1

Plug the device into the outlet. Plug will automatically be in including mode if you excluded device, red light slowly flashing for 30 seconds. When the LED is not flashing press the button on the SP-101 3x in rapid succession.



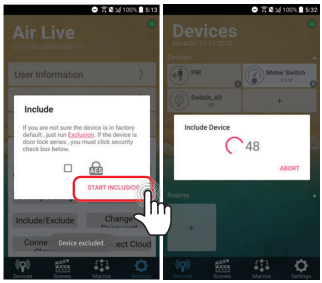
03 Include Smart Plug -2

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



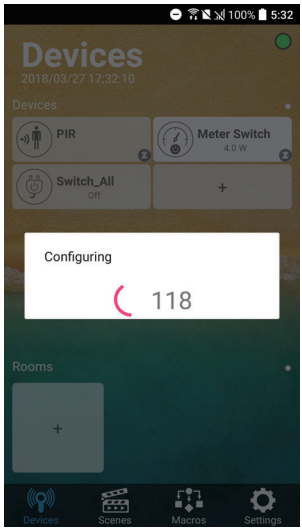
04 Include Smart Plug -3

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



05 Include Smart Plug -4

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



06 Choosing a Suitable Location

1. Do not locate the Switch 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 Switch where exists combustible substances or any source of heat, e.g. fires, radiators, boiler etc.
4. After putting it into use, the body of Switch will become a little bit hot of which phenomenon is normal.

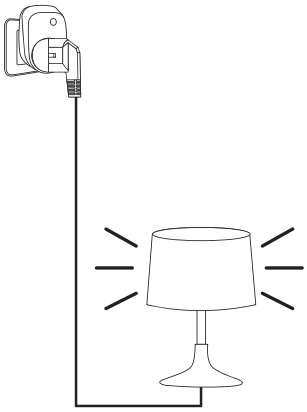
07 Installation Smart Plug-1

1. Plug this On/Off Switch into a wall outlet near the load to be controlled.
2. Plug the load into the Switch. Make sure the load to be controlled cannot exceed 13A.
3. Press the button or switch on the load to the ON position.
4. To manually turn ON the Switch, press and release the On/Off button. The LED will turn ON, and the load plugged into the Switch will also turn ON.
5. To manually turn OFF the Switch, simply press and release the On/Off button. The LED will turn OFF and the load plugged into the Switch will also turn OFF.

08 Installation Smart Plug-2

Plug the appliance's power into the plug.

Ex: table lamp, electric fan



09 LED Indication

1. Normal: Under normal operation, toggle On/Off button between On and Off. When pressing On, LED lights up, whereas Off, LED is 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 at 2-second intervals. By pressing On/Off button, it will stop flashing temporarily.
3. Learning: When Plug is in learning mode, LED flashes on and off alternately and repeatedly at 0.5 second intervals.
4. Overload: When overload state occurs, the Switch is disabled of which LED flashes on and off alternately at 0.2 second intervals. Overload state can be cleared by unplugging and reconnecting the Switch to the wall outlet.

10

SP-101 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 SP-101 Smart Energy Plug is able to detect instance wattage (3000W/230Vac) (13Ampere) and overload current (14.5A with resistive load) of connected lights or appliances. When detecting overload state, the Switch will be disabled and its On/Off button will be lockout of which LED will flash quickly. However, unplug and reconnect the switch will reset its overload condition to normal status.

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**