



SI-102
PIR Motion Sensor

Quick Installation Guide

01 Introduction

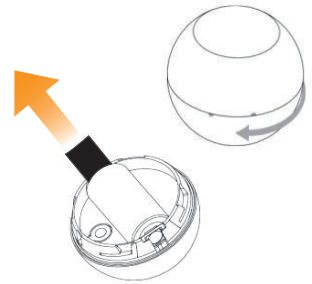
The motion sensor SI-102 has PIR function, based on Z-Wave™ technology. This device is a Security Enabled Z-Wave Plus Product. Z-Wave Plus technology uses a low-power RF radio embedded or retrofitted into home electronics devices and systems, such as lighting, home access control, entertainment systems and household appliances.

With Z-wave technology, SI-102 can be included and operated in AirLive Z-Wave™ SG-101 or any Z-Wave™ certified controller and/or other applications.

02 Include PIR Motion sensor -1

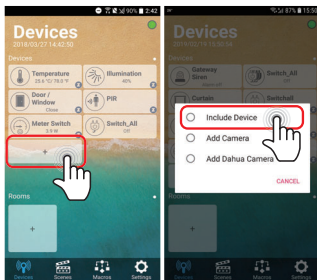
Turn the cover counter-clockwise and open it. Remove the black mylar, PIR motion sensor will automatically be in the inclusion mode and the red light LED will flash about 30 seconds. When the LED is not flashing press the Tamper button on the back 3x in rapid succession.

Note: Enclosure lock is marked with a dot.



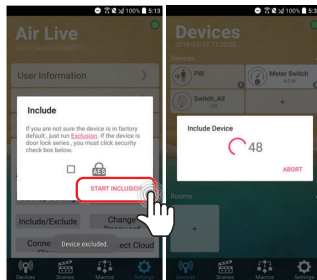
03 Include PIR Motion sensor -2

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



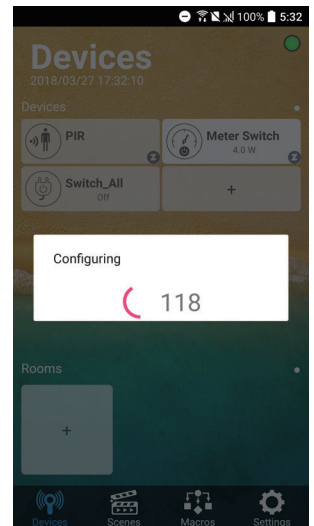
04 Include PIR Motion sensor -3

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



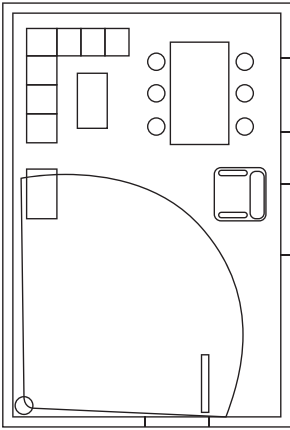
05 Include PIR Motion sensor -4

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



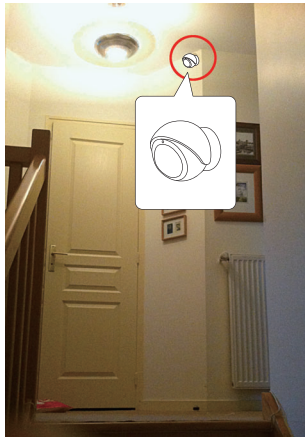
06 Install the PIR Motion sensor-1

The Motion Sensor should be installed in a corner of the room or perpendicularly to the doors.



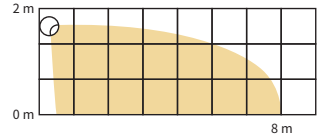
07 Install the PIR Motion sensor-2

There's a magnet on the backside of this device. It can stick to the bracket.

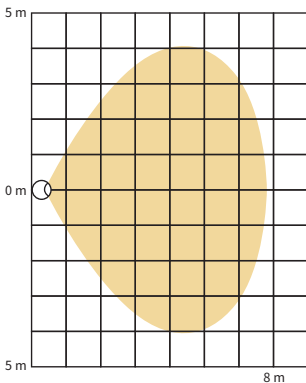


08 Detect Range-1

Detection range of the PIR Motion Sensor is shown below. Actual range of the Sensor can be influenced by environmental conditions.

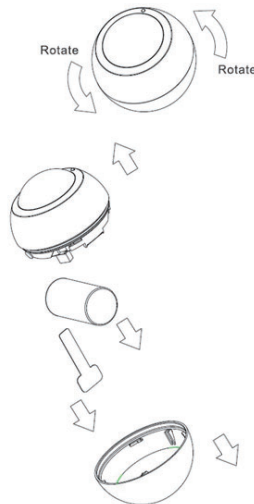


09 Detect Range-2



10 Battery Replacement

When the device reports the low battery message, users should replace the battery. The battery type is CR123A, 3.0V



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 ones, 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: ODM5G101