



SI-104

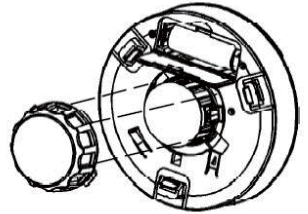
Quick Installation Guide

01 Introduction

The Z-Wave Plus Smoke Sensor SI-104 is designed to give early warning of developing fires by giving off the alarm sounds from its built-in alarm horn, based on Z-Wave™ technology. Z-Wave Technology provides lower power consumption with longer transmission distance for sensors. With Z-wave technology, SI-104 can be included and operated in AirLive Z-Wave™ SG-101 or any Z-Wave™ certified controller and/or other applications.

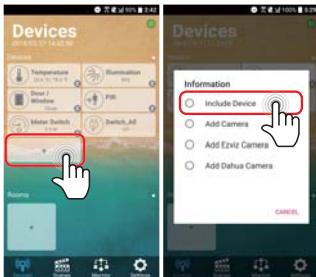
02 Include Smoke Sensor -1

1. Open battery compartment.
2. Install battery into compartment and make sure the “+” and “-” ends of each battery are aligned properly.
3. Smoke sensor will automatically be in the inclusion mode, the red light will flash about 30 seconds.



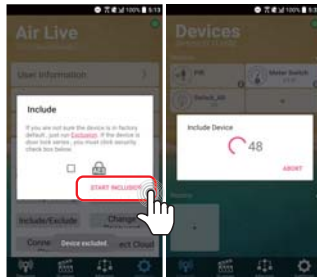
03 Include Smoke Sensor -2

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



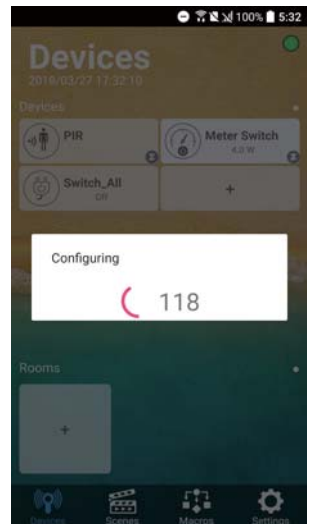
04 Include Smoke Sensor -3

- Press “START INCLUSION”
- Start to include a device.



05 Include Smoke Sensor -4

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



06 Choosing a Suitable Location-1

For complete coverage in residential units, Smoke Sensors should be installed in all rooms, halls, storage areas, basements and attics in each family living unit. Minimum coverage is one sensor on each floor and one in each sleeping area.

1. Install Smoke Sensor as close to the center of ceiling as possible. If this is not practical, put the sensor on the ceiling, no closer than 4 inches (10 cm) from any wall or corner.
2. If ceiling mounting is not possible, put wall-mounted sensors between 4 and 6 inches (10~15 cm) from the ceiling.
3. If some of your rooms have sloped, peaked, or gabled ceilings, try to mount sensors 3 feet (0.9 meter) measure horizontally from the highest point of ceiling.

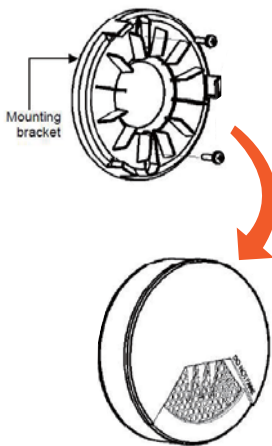
07 Choosing a Suitable Location-2



08 Install the Smoke Sensor-1

1. At the place where you are going to install your Smoke Sensor, draw a horizontal line six inches (15cm) long.
2. Remove the mounting bracket from your device by rotating it counterclockwise.
3. Place the bracket so that the two longest hold slots are aligned on the line. In each of keyhole slots, draw a mark to locate a mounting plug and screw.
4. Remove the bracket.
5. Drill two holes at the marks and insert plastic wall plugs. Put the Smoke Sensor away from plastic dust.
6. Attach the bracket to the wall. Line up the slots of the bracket and the Smoke Sensor. Push the sensor onto the mounting bracket on turn it clockwise to fix it into the place. Pull onward on the Smoke Sensor to make sure it is securely attached to the mounting bracket.

09 Install the Smoke Sensor-2



10 Notice

Nuisance alarms take place when Smoke Sensors are installed where they will not work properly. To avoid nuisance alarms, do not install Smoke Sensors in the following situations:

1. Combustion particles are the by-products of something that is burning.
2. Do not install Smoke Sensors less than 20 feet (6 meters) away from places where combustion particles are normally present, like kitchens.
3. In very dusty or dirty areas, dirt and dust can build up on the alarm's sensing chamber, to make it overly sensitive.
4. Near fluorescent lights, electrical "noise" from fluorescent lights may cause nuisance alarms. Install Smoke Sensor at least 5 feet (1.5 meters) from such lights.

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/eo/ea/fccid after searching on FCC ID: ODM5G101