Air Live
Smart Life
IOT For Home

SI-104
Smoke Detector

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 build-in alarm horn, based on Z-WaveTM 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-WaveTM SG-101 or any Z-WaveTM certified controller and/or other applications.
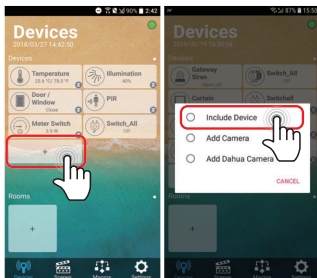
02 Include Smoke Sensor -1

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.When the LED does not flash press the TEST button 3x times in rapid succesion.
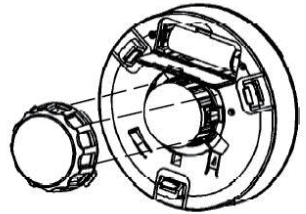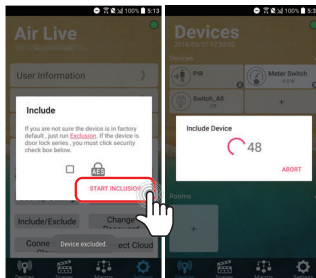
03 Include Smoke Sensor -2

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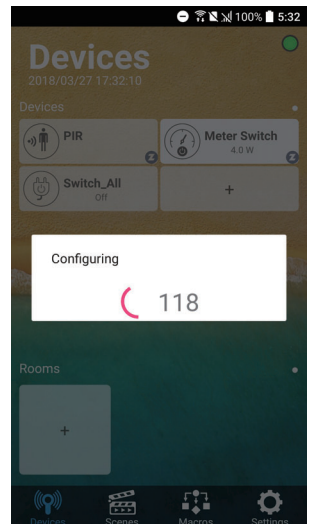• Press Include Device

04 Include Smoke Sensor -3

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

05 Include Smoke Sensor -4

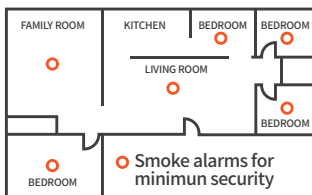When the device is being included, APP will configure the setting into gateway.

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 4inches(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

| FAMILY ROOM | KITCHEN | BEDROOM | BEDROOM |

LIVING ROOM

BEDROOM

BEDROOM

○ **Smoke alarms for minimun security**

DININGROOM   KITCHEN   BEDROOM BEDROOM

LIVING ROOM

BEDROOM

● **Smoke alarms for more security**

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

Mounting bracket
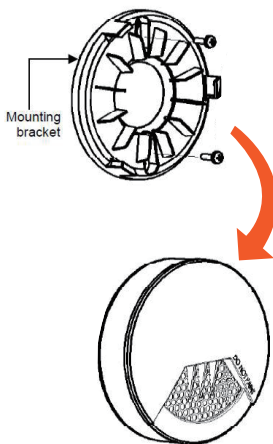
10 Notice

Nuisance alarms take place when Smoke Sensors are installed where they will no 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.