

## **SD324 ZigBee Smoke Detector**

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### **Quick Start Guide**

## 1. Introduction

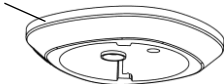
The SD324 ZigBee smoke detector is integrated with an ultra-low- power ZigBee wireless module. It is a warning device that allows you to detect the presence of smoke in real time.

*Note: it cannot sense gas, heat, flame, and cannot prevent or put out fire.*

## 2. Get to know your device

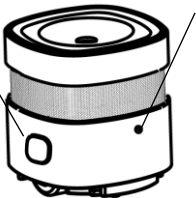
### 2.1. SD324 at a glance

Mounting Bracket



TEST/MUTE  
button & LED  
indicator

Reset button



## **2.2. Buttons Introduction**

### **Test/mute button**

- Test the device to confirm it is able to work.

### **Reset button**

- Set the device to join the ZigBee network.
- Reset this device to factory default settings.

## 2.3. LED Indicator

The LED indicator status as below:

LED status	What it means	Alarm sound
<b>Red LED flashes quickly</b>	1) Testing 2) Alarm	Rapid beeps
<b>Red LED flashes every 40 seconds</b>	1) Low power mode 2) Fault	Beep every 40 seconds
<b>Green LED flashes</b>	The device is prepared to join a network.	No
<b>Green LED flashes six times</b>	The device leaves the network.	No

### 3. Get started

To get started, you will need:

- A SEG-X3 Smart Gateway
- A SD324 Smoke Detector
- The mobile app

Then follow the steps below:

Step 1: Remove the pull tab to power on the device.

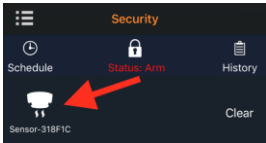
*Tip: If there is no battery inside, please install a CR123A battery into it.*

Step 2: Select “Add new devices” in the menu of the app.



*Tip: for this step, you could also press the “Z” button of the gateway for two seconds until the LED indicator turn solid blue.*

Step 3: Use a pin key tool to press and hold the reset button for two seconds until the LED flashes green to add it to the system, the LED will turn solid for a while if pairing is successful, please go to the app to check if it is successful paired.



Step 4: Install the device.

The bracket should be affixed using screws or double-side tape.

Please ensure all surface are clean, dry, flat and the temperature is over 10c before attempting to place the devices, or the adhesive will not be fully effective.





If using screws, attach the bracket to the respective surfaces using the screws provided.



Then rotate the smoke detector main body onto the bracket:



## 4. FAQ

Q1. How can I return the device to default factory settings?

A1: Use a pin key tool to press and hold the reset button for five seconds until the LED flashes six times.

## 5. Technical Specifications

<b>Power Voltage</b>	DC3V (CR123A battery)
<b>Current</b>	Static Current: $\leq 10\mu\text{A}$ Alarm Current: $\leq 60\text{mA}$
<b>Sound Alarm</b>	85dB/3m
<b>Operating Ambient</b>	Temperature: $-10 \sim 50^{\circ}\text{C}$ Humidity: maximum 95%RH
<b>Networking</b>	Mode: ZigBee Ad-Hoc Networking Distance: $\leq 100\text{ m}$
<b>Dimension</b>	60(W) x 60(L) x 49.2(H) mm

## 6. Safety Notice



**WARNING:** Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the device or other property. Read all the safety notices below before using the device.

- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit yourself.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.