

# ledgebit® Smart Wi-Fi Smoke Sensor

User Manual



Please read this manual carefully before use and keep it for future reference.

## Introduction

This product is a smart photoelectric smoke sensor with ultra-low-power MCU design. It is an early warning device that detects gas, heat, or fire. It cannot stop fire or put out fire. It is capable of real-time detection of smoke presence. Once smoke danger is detected, the red LED will turn on and the alarm will alert you and your family in time. It can be widely used in household, lounge, coffee house, dance hall and other places that require fire alarm monitoring.

## Specifications

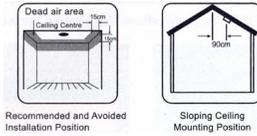
- Input Voltage: DC 3V LR03
- Static Current: <math>\leq 15\mu A</math>
- Alarm Current: <math>\leq 220mA</math>
- Low-voltage notification: <math>\leq 2.4V</math>
- Alarm Sound Level: 85db / 1m
- WiFi: 802.11 b/g/n
- Detecting Range: 20m<sup>2</sup>
- Installation Method: Ceiling mounted
- Working Temperature: -10°C ~ +50°C
- Working Humidity: <math>\leq 95\%RH</math>

## Flat Ceiling Mounting

The preferred location to install the smoke sensor is in the centre of the ceiling, because smoke, heat and combustible products rise to the ceiling and spread laterally. Keep at least 30 cm distance from lights or decorations, and 15 cm away from walls and corners.

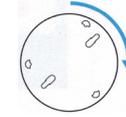
## Sloping Ceiling Mounting

If the ceiling is sloping, install the smoke sensor horizontal distance 90 cm away from the ceiling top.

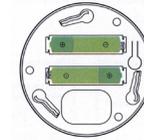


## How to use

Rotate the mounting bracket clockwise to remove it and prepare to install the battery.



Insert 2 pieces AAA batteries, the LED indicator will turn ON then OFF.



## Download & Install the APP

1. Go to your App Store & search the "Smart Life" & install the app.
2. Input account name and password to login. If you don't have an account, please register an account first. System will identify your country automatically. You can use your mobile phone number as your account name.
3. Tap on "Next" to get a verification code via SMS on your mobile phone. Enter a desired password.
4. Tap on "Confirm" to finish your registration.

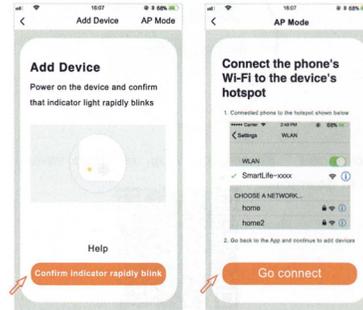
Register a Tuya Smart App account with your mobile phone and log in. Click "+" in My Home or the blank area to add device. Choose Security Sensor → Smoke Detector (WiFi).



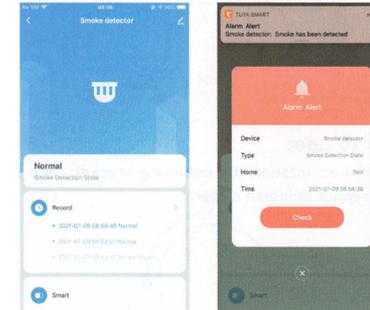
Press RESET for more than 5 seconds with the pin. The LED indicator will flash quickly and start automatic network configuration. Enter the WiFi password to start connecting.



Press RESET for 5 seconds with the pin. The indicator flashes slowly to enter manual configuration mode. Enter the WiFi account and code to add device.



After configuration is successful: Press TEST on the smoke detector. The buzzer will sound "Di Di". The app will receive notification: "Detecting smoke" Release TEST and the app will show: "No Smoke Detected"



## Mute Function

When there is no real danger of fire, the mute function can be used. Press the TEST/MUTE button to reduce sensitivity and temporarily silence the alarm.

Testing method: Burn cotton to produce smoke and place it near the smoke detector. When smoke is detected, the alarm sounds. Press TEST/MUTE to stop the alarm. Do not use flame to test.

## State and Troubleshooting

State	LED	Sound Alarm
Normal	Blue LED flashes every 40 seconds	No
Test	Blue LED flashes quickly	Rapid "Di-Di-Di"
Alarm	Blue LED flashes quickly	Rapid "Di-Di-Di"
Low Power	APP pushes low battery reminder	No
Standby	Test alarm wait 15 seconds	No
Auto Network Config	LED flashes every 1 second	No
Manual Network Config	LED flashes every 3 seconds	No
Failure Mode	None	Every 40 seconds drip twice

## If the smoke detector can't work normally

1. If the battery is exhausted, replace the battery immediately.
2. Clean the smoke detector regularly.
3. Check if the mounting bracket is installed correctly.
4. If smoke alarm TEST has no notification, ensure the router is within 10 meters.
5. After powering on, if the tamper switch is invalid, short press RESET or long press TEST to activate the tamper switch.

## Contact Information

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