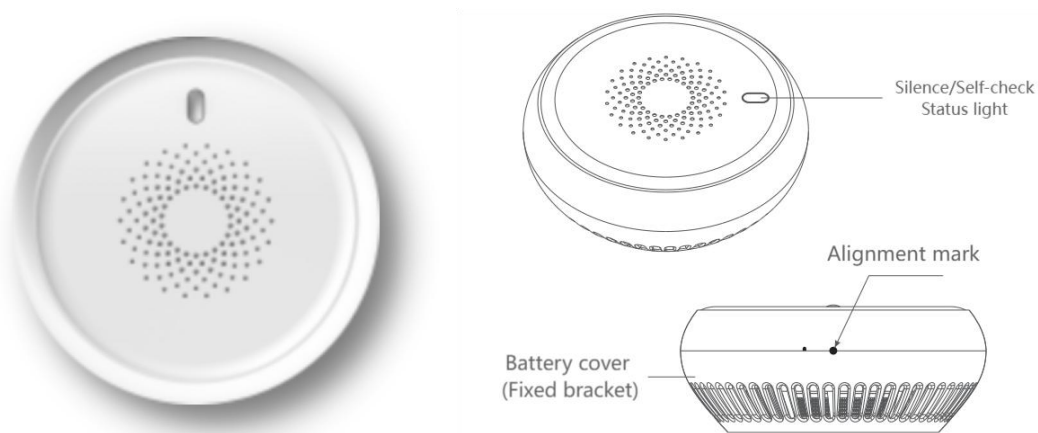


Smoke Sensor Specifications

1.1 Product Introduction

This product is a smoke sensor with an elegant, stylish, and compact design, seamlessly integrating into various environments while being safe and reliable. The sensor features a flame-retardant casing with radiation resistance, heat resistance, and impact resistance. It provides 24/7 smoke concentration monitoring and triggers a loud alarm (85dB) when the threshold is exceeded, sending an alert to the **Lynn Smart APP** for effective emergency communication. To ensure proper functioning, users should periodically press the self-check button to maintain device performance and reduce safety risks. The smoke sensor uses ZigBee wireless technology to connect to the ZigBee smart home system. The indicator light on the device provides real-time feedback on its operational status. The sensor can be set for linked scenes and push notifications to the **Lynn Smart APP**.

1.2 Product Dimensions (For reference only)



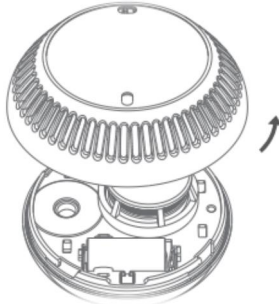
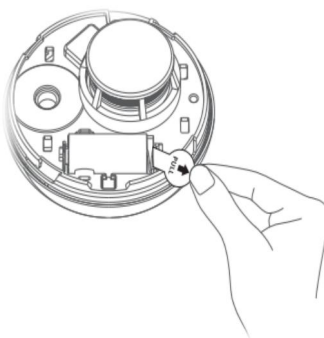
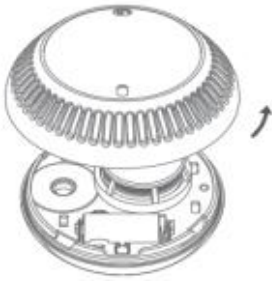


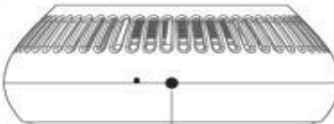
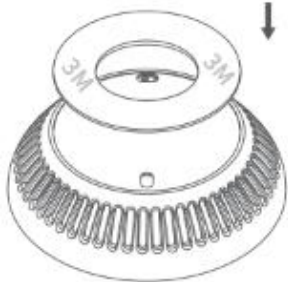

1.3 Specifications

Item	Specifications
Intelligent device interface	ZigBee
Input power	DC 3V
Operating frequency	2.4GHz
Operating temperature	10-55°C
Low voltage warning	√
Battery life	>1 year (20 times/day)
Detection	Smoke detection (Standalone Type)
Installation	Ceiling-mount
Product size	Φ 90*37.5mm
SPL	≥85dB (At 3M in front))

1.4 Audio-Visual Indicators

Indicator	Buzzer	Status
Red light flashing	Continuous beeping	Sensor is alarming
Green light on	Off	Sensor is normal
Yellow light flashes once	Single beep	Low sensor battery
Red light flashing	Off	Self-check
Green light flashing quickly	Off	Device connecting to the network

1.5 Installation

Power on the device		
		
Step 1	Step 2	
Turn the battery cover counterclockwise to open.	Remove the battery insulation sheet.	
Screw Installation		
		
Step 1	Step 2	Step 3
Turn the battery cover counterclockwise to open.	Fix the battery cover to the ceiling using screws.	Install the sensor body by rotating it clockwise until securely fastened.
 <p>The two semi-circular halves form a complete circle, indicating proper installation.</p>		
Step 4		
Check if the sensor is properly installed according to the alignment markers.		
Adhesive Installation		
		
Step 1	Step 2	
Peel off the release liner from one side of the 3M adhesive and apply the adhesive to the device base.	Remove the release liner from the opposite side of the 3M adhesive, position the device as required, and press firmly for at least 30 seconds to ensure secure adhesion.	

1.6 Precautions

1. For indoor ceiling-mount only.
2. Install the alarm at least 50 cm away from light fixtures.
3. Avoid installation in bathrooms, high-moisture environments, or areas exposed to water droplets.
4. Do not install in locations with temperatures below 10°C or above 55°C.
5. When placing near a cabinet and close to the ceiling, ensure the alarm is installed at least 60 cm away from the cabinet.
6. Install the alarm at least 150 cm away from ventilation fans, air conditioners, and air vents.
7. It is recommended to use screws for installation. The manufacturer is not responsible for accidents or safety issues resulting from adhesive installation.
8. For adhesive installation, ensure the surface in contact with the double-sided tape is smooth, flat, dry, and clean.

1.7 FAQ

The sensor cannot stop the alarm	Clean the sensor to make sure any leftover smoke is cleared out.
The sensor is unresponsive	Check that the sensor is powered on properly. Press the silence/self-check button and observe whether the status light on the sensor device illuminates.
The sensor is offline	Check if other devices under the gateway are normal. If the issue is not related to the gateway, reset the sensor and add it again.