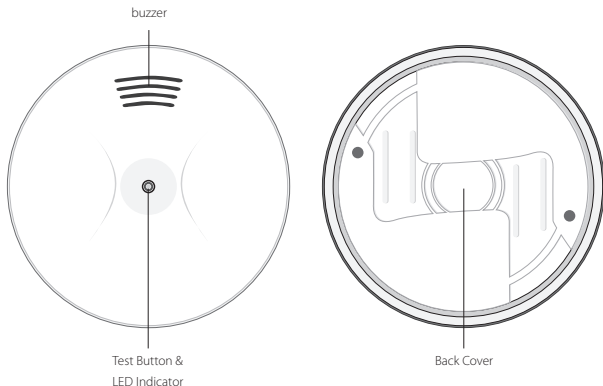# Specification of
Wireless Smoke Sensor

Features

The wireless smoke sensor is an accessory of smart alarm system. By using unique design and MCU to work with photo-electricity signal, it is dust-proof, pest-proof, anti-optical interference, etc. This product responds well to the smoke of smoldering and burning. With build-in photoelectric smoke sensor, it will trigger alarm when the smoke density reaches the alarm threshold.

Parameters

• Working Voltage	DC 9V
• Battery	9V (1x 6F22/ 6LR61 Battery)
• Working Current	≤20mA
• Standby Current	≤100 μA
• Alarm Sound	≥ 85dB/3m
• Product Certification	BS EN 14604: 2005
• Transmission Distance	Without obstacle 200m
• Transmission Frequency	433.92MHz
• Working Temperature	-10℃~40℃
• Humidity	≤90%rh (non-condensing)
• Weight	98.7g (battery not included) 134.5g(battery included)
• Dimension	Φ 107mm * Δ 34mm

Appearance

buzzer

Test Button &
LED Indicator

Back Cover

Operating Instructions

1. Working principle

The sensor sends trigger signal to the paired main panel when the build-in smoke sensor is triggered.

2. Pairing with main panel by App

① Scan the QR code printed on the sensor.

② The pairing result would be confirmed by SMS sent from main panel.

3. Use

The alarm is provided with a test button. Press this until the alarm signal sounds.The signal stops once the button is released. Test the alarm at least once perweek, and certainly after replacing the battery or after cleaning, with a vacuum cleaner for example. The alarm must be vacuumed regularly to remove dust particles and to protect it as well as possible. If the alarm fails to operate correctly, please contact with dealer or manufacturer.
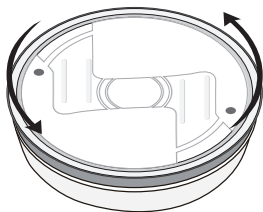
Installation

• Open the case and insert the battery.

• Pairing it with main panel before installing.

• Choose a proper position, normally the center of the detection area ceiling is recommended. Please fix the sensor base into the chosen position with screws. Be sure it is fastened tightly.

• Avoid installing sensor in places with
  • stagnating smoke
  • heavy dust, heavy water mist or heavy oil mist
  • great humidity(>95%)
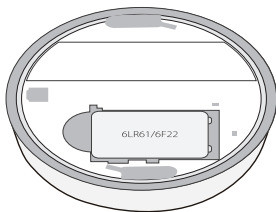 • high wind speed(>5m/s)

Notice

• To ensure the sensitivity, please clean the sensor surface with soft bristled brush every 6 months. Make sure to shut off the power before cleaning.

• Contact your dealer when there is any problem about the product. DO NOT attempted to repair the sensor personally.

• The sensor can reduce the happening rate of disasters. But there is not guarantee for 100% safe. For your safety, please use this sensor properly and be vigilant in daily life.

Battery Replacement Instructions

① Open the case by twisting the back cover.

② Replace with 1 x 6LR61/6F22 battery