



Features

- MCU automatic processing technology
- Manual test
- Auto reset
- Automatic detection
- Sound-light alarm
- Strong adaptability for circumstance
- SMT design, high stability
- 9V battery adopted

Description

This heat detector offers fixed temperature detection, suitable to any household or commercial applications. The detector is made up of an externally mounted thermistor with a specially designed cover that protects the thermistor while allowing maximum air flow. The thermistor reads the temperature from the air it takes in and transmits a signal representing the temperature to the MCU. If the temperature reaches or exceeds the trip point, the detector is triggered. The status LED flashes in red and alarm signal is output. The detector is an ideal unit to detect rapid fire developments in houses, shops, hotels, restaurants, offices, schools, banks, libraries and etc.

Technical Specification

Operating Voltage	DC9V battery
Standby Current	50uA
Alarm Current	≤30 mA
Battery Life	About 1 year
LED Indication	Red LED flash every 25 seconds
Indicate Alarm	Red LED flash twice per second
SPL	≥85dB/m
TEMP. Trip Point	57°C (135°F)
Operating Temperature	-10~+50°C
Working Humidity	≤ 95% RH
Alarm Type	LED flash & sound alarm RF signal (wireless type)
Size	105Φx53H mm
Installing	Wall-mounted
Detecting Area	50m ² at 6-12m installation height

Installation & Test

1. Select proper place (normally mounted on the center of the ceiling), fix the mounting base, then put detector into the base and twist to fasten it.
2. Before installation, connect the battery and put it into battery slot. Then the LED will flash once and the buzzer will send sound 1 time. Then begin to operating state, Indicating LED will flash once per 25 seconds; at alarm state LED flash twice per second and detector send sound once per second continuously.

3. Sensitivity test

- Long press the test button more than 3 seconds to test. LED should flash twice per second. The detector should give out sound (independence type), should send out RF signal and sound (wireless type).
- Test the detector by man-made heat (Recommended)

4. **Reset:** If the heat temperature decreases below down the alert value, the detector will auto-exit the mode of alarm and be back to the operating condition.

5. Low battery voltage

When the buzzer make a “Di” every 25 seconds, the LED have a flashing at the same time, it means the battery voltage is low, please change the battery. Otherwise, it would affect the proper functioning.

Notice

1. The detector can't be installed under worse environment .E.g. coldest, hottest, dusty.
2. Please test it monthly to ensure the detector in a normal working condition.
3. Please clean the detector by soft brush per six months to ensure the sensitivity and life of product. Pay attention to switch off power before clean.
4. Cut off the power if no use for a long time.
5. When the voltage of battery is less than 7V, the detector will beep once per 25s. Please change the battery at this condition.(DC9V)
6. For various reasons, including, but not limited to changes in environmental conditions, electric disruptions and tampering, the product may not perform as expected. The user is advised to take all necessary precautions for his/her safety and the protection of his/her property.