



Technical Specification

Operating Voltage	DC9V Battery & AC110-220V
Static Current	≤10 uA
Alarm Current	20 mA; ≤50 mA (wireless type)
Battery Life	About 1 year
Indicate LED	Red LED Flash
SPL	≥85dB/3m
Smoke Sensitivity	0.13dB/m (+/-0.05dB/m)
Alarm Type	Flash & sound alarm RF signal (wireless type)
Operating Environment	Temperature: -10~+50°C; Humidity: ≤ 95% RH (No condensation)
Temperature. Trip Point	57°C (135°F)±3°C

Description

This detector detects the smoke by a couple of infrared diodes. The principle of detecting is granule in the smoke can reflect infrared light. Infrared diodes are placed in the special chamber. The chamber can shield external light, but doesn't affect the smoke into it. While there is no smoke, the diode can receive very weak infrared light. When the smoke entering the chamber, diode can receive more and more light, and the detector can give out alarm signal when the smoke attains the certain density. In order to reduce the interference and lower power consumption, the emitting circuit adopts the pulse signal. The product is designed for independent use.

Features

- MCU automatic processing technology
- Manual test
- Auto reset
- Automatic detection
- Infrared photoelectric sensor
- Sound-light alarm
- Strong adaptability for circumstance
- SMT design, high stability
- Dust-proof, Insect-proof, Anti-visible light

Detecting area

80 square meters when installation height between 6-12 meters.
60 square meters when installation height within 6 meters.

Packing Information

One inner box consists of 1pcs.

For LF-SD41 :100 inner boxes are packed in a carton box. (L*W*H=78*45*31cm)