

Product Introduction

This smoke sensor utilizes advanced optical sensing technology to quickly detect smoke from early-stage smoldering of a fire. It sounds an alarm and sending a wireless signal to the gateway, ensuring timely notifications for reporting, extinguishing, or evacuating, thereby reducing potential damages. This sensor is suitable for use in homes, hotels, and office settings.

Features

- Cutting-edge smoke detection technology
- Ultra-low power consumption with long-lasting battery
- Local audio and visual alarms with push notifications
- Easy installation with no wiring required
- Sleek, modern design



Specification

- Model: MIR-SM100
- Detector Type: Smoke (Standalone)
- Alarm Sound Pressure: $\geq 80\text{dB}$ (at 3 meters in front)
- Communication Protocol: ZigBee 3.0
- Input Voltage: 3V/DC
- Low Voltage Alarm Threshold: $2.6\text{V} \pm 0.2\text{V}$
- Standby Current: $\leq 6\mu\text{A}$
- Operating Current: $\leq 30\text{mA}$
- Battery Type: CR123A
- Battery Life: Over 3 years (20 activations/day)
- Operating Temperature: -10 to 55°C
- Installation Method: Ceiling or wall mount
- Dimensions: $\Phi 90 \times 37\text{mm}$
- Certification: CE

Networking method

1. Open the back cover of the device and remove the insulation sheet to power it on.
2. Press and hold the reset button for about 5 seconds until the indicator light flashes rapidly, indicating it has entered pairing mode.
3. Add the device to the network via the gateway.

Product Dimension Diagram (mm)

