

## Mini-SD Series Wireless Mini Smoke Detector

## Protecting What Matters Most



- Mini-sized smoke detector
- Reflective photoelectric sensor
- Optional high heat detection (Mini-SD-H-F1 only)
- Built-in Temperature and PIR Motion Sensors (Mini-SD-TM series only)

The Mini-SD Series is a mini-sized wireless smoke detector designed to protect your family against potential fire hazards. This series utilizes reflective photoelectric sensor to detect harmful smoke particles from any source.

Featuring auto-calibration, the Mini-SD Series can automatically adjust its detection threshold value according to changes in the environment. LED light also serves to signal auto-calibration status.

Additionally, the Mini-SD-H-F1 model features high heat detection that notifies users when there is a sudden rate-of-rise in temperature or when temperature exceeds 57.25°C. Mini-SD-TM series has a built-in PIR motion sensor and a built-in temperature sensor, enabling Mini-SD-TM series to detect movements, report temperature, and notify users when there is a sudden fluctuation of temperature.

Requiring no electrical wiring, its small and streamlined design will be easy to install and also a seamless addition to your home décor, offering you protection of highest quality.

## Mini-SD Series Mini Smoke Detector Series

### Features

- Reflective photoelectric sensor to detect smoke from any source, especially smoldering fires
- Rate-of-rise detection when temperature rises by 8.25°C per minute, or high heat detection when temperature exceeds 57.25°C (Mini-SD-H-F1 only)
- Siren output level is 85dB at 3 meter
- Auto-calibration to adjust its detection threshold value
- Reliability, faster speed of signal transmission, and enhanced communication range
- Excellent stability with high sensitivity
- Lightweight and flexible to install
- EN14604 and UL217 certified
- Built-in temperature sensor to measure environment temperature and transmit notification when the temperature changes by +/- 2°C degrees (Mini-SD-TM series only)
- Built-in PIR motion sensor detects movements and supports custom scene creation (Mini-SD-TM series only)
- LED status indicators for visual notification
- Test button for self-tests/diagnoses
- Low battery detection
- Regular supervision signals to check system integrity
- Suitable for residential and commercial security applications

### Specifications

Frequency	433 MHz / 868 MHz / 869 MHz
Power Source	3V, CR123A battery x 1
Battery Life	Mini-SD: 5 years* Mini-SD-F1: 10 years* Mini-SD-H-F1: 8 years* Mini-SD-TM: 1.8 years* Mini-SD-TM-F1: 5.3 years*
Temperature Detection Range	-10°C to 50°C (14°F to 122°F)
Temperature Sensitivity	±1°C (±1.8°F)
Motion Detection Range	Up to 10m x 5.5m oval coverage pattern (at 3m mounting height) (Mini-SD-TM series only)
Siren Output	85 dB at 3m
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	80 mm x 80 mm x 34 mm

\* Note: Actual battery life may vary with product settings, operating environment and usage.

### Ordering Information

<b>Mini-SD</b>	Wireless Mini Smoke Detector, compatible with all standard Climax control panels
<b>Mini-SD-F1</b>	Wireless Mini Smoke Detector with extensive RF range, compatible with Climax F1 control panels
<b>Mini-SD-H-F1</b>	Wireless Mini Smoke Detector with High Heat Detection and extensive RF range, compatible with Climax F1 control panels
<b>Mini-SD-TM</b>	Wireless Mini Smoke Detector with Temperature and PIR Motion Sensors
<b>Mini-SD-TM-F1</b>	Wireless Mini Smoke Detector with Temperature and PIR Motion Sensors, compatible with all standard Climax control panels