

SD-29-TH(M)(E)-(SC)-ZBS Smoke Detector

Protecting What Matters Most



- Multi-functional Smoke/Heat Detector
- Reflective photoelectric sensor
- Auto-Calibration

SD-29, enhanced with ZigBee protocol, is designed to protect you and your properties against potential fire hazards, and build a more comfortable lifestyle. With its small and streamlined design, it will be a seamless addition to your home décor and give you a peace of mind.

SD-29 delivers optimal performance in detecting fire and rate-of-rise heat detection. Moreover, the product has optional built-in PIR motion sensor detects movements to create custom scenes to light up the hallway in the middle of the night or help users save energy. The optional built-in emergency light can further provide visual alarm alerts and notifications. In addition, it features Interconnection function to command all devices with built-in siren to sound whenever an alarm is triggered.

SD-29 is protected by a tamper switch, preventing sabotage or unauthorized removal. The system integrity is ensured by its regular supervision.

With its small and streamlined design, it will be a seamless addition to your home décor and give you peace of mind. When it comes to safety, there is no room for compromise.

Features

- Reflective photoelectric sensor to detect smoke from any source, especially smoldering fires
- Rate-of-rise heat detection when temperature exceeds 57.25°C or rises by 8.25°C per minute (optional)
- Sends temperature signal when temperature changes by +/- 2°C (optional)
- Built-in PIR motion sensor (optional)
- Built-in emergency light (optional)
- Interconnection function to command all devices built-in with siren to sound when an alarm is triggered (optional)
- Auto-calibration every month to re-adjust detection threshold value
- Self-diagnostics function to ensure optimal performance
- Regular supervision signals to check system integrity
- Loud 85dBa siren for audio alert
- Wireless for easy and flexible installation
- Alarm silence button to quiet nuisance alarms
- Compatible with other manufacturers' ZigBee system
- Excellent stability with high sensitivity
- LED status indicators for visual notification
- Low battery detection
- Suitable for residential and commercial premises

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Specifications

Communication Protocol	ZigBee Pro Home Automation 1.2
Power Source	3V, CR123 Lithium batteries x3
Backup Battery life	6 years*
Audible Output	85dBa at 3m
Temperature Sensitivity	±2°C
PIR Motion Detection Range	5m
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	105mm x 105mm x 41mm

*Note: Actual battery life may vary due to device settings, usage, and environmental conditions.

Ordering Information

SD-29	Smoke Detector
SD-29-TH	Smoke Detector with temperature/heat detection
SD-29-TH-SC	Smoke Detector with temperature/heat detection and interconnection function
SD-29-THM	Smoke Detector with temperature/heat detection and PIR sensor
SD-29-THM-SC	Smoke Detector with temperature/heat detection, PIR sensor and interconnection function
SD-29-THME	Smoke Detector with temperature/heat detection, PIR sensor and emergency light
SD-29-THME-SC	Smoke Detector with temperature/heat detection, PIR sensor, emergency light and interconnection function