

SD-29H-NB-LTE-M Smoke Detector

Protecting What Matters Most

LTE-M  NB-IoT 



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

SD-29H-NB-LTE-M is designed to protect you and your properties against potential fire hazards. Utilizing the latest reflective photoelectric sensor and advanced microprocessor, SD-29H-NB-LTE-M delivers optimum performance in detecting fire and rate-of-rise heat detection. SD-29H-NB-LTE-M can incorporate NB-IoT / LTE-M technology and send status or alarm signals to the system server via NB-IoT / LTE-M network, offering users system deployment flexibility.

SD-29H-NB-LTE-M 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
- 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 85dB siren for audio alert
- Wireless for easy and flexible installation
- Alarm silence button to quiet nuisance alarms
- 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	MQTT
LTE Category	LTE Cat. M1 / LTE Cat. NB2 / LTE Cat. NB1
LTE Bands	FDD-LTE Bands B1 (2100 MHz) B2 (1900 MHz) B3 (1800 MHz) B4 (1700 MHz) B5 (850 MHz) B8 (900 MHz) B12 (700 MHz) B13 (700 MHz) B18 (850 MHz) B19 (850 MHz) B20 (800 MHz) B25 (1900 MHz) B26 (850 MHz) B27 (800 MHz) B28 (700 MHz) B66 (1700 MHz) B71 (600 MHz) B85 (700 MHz)
Power Source	3V, CR123 Lithium batteries x3
Battery Life	2 years*
Audible Output	85dB at 3m
Operating Temperature	0°C to 45°C (32°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.