

SDCO-1-NB-LTE-M Smoke & Carbon Monoxide Detector

Protecting What Matters Most

LTE-M  NB-IoT 



- Combo Smoke and CO Detector
- Loud Siren
- Tamper protection

SDCO-1-NB-LTE-M is a wireless combo Smoke & Carbon Monoxide Detector utilizing the latest optical sensing chamber and advanced microprocessor to deliver optimum performance in detecting fire and odorless, poisonous carbon monoxide. SDCO-1-NB-LTE-M incorporates NB-IoT / LTE-M technology and can send status or alarm signals to the system server via NB-IoT / LTE-M network, providing flexible system deployment.

SDCO-1-NB-LTE-M has a loud siren for audio notification and warning. With auto-calibration, this combo detector automatically re-adjusts its detection threshold value according to changes in the environment. Most importantly, with backup batteries, it will continue to work even during power outage.

Fire and carbon monoxide can be a deadly duo, but Climax's SDCO-1-NB-LTE-M makes it easier to protect yourself against both. When it comes to your safety, there is no room for compromise.

Features

- Detects smoke and carbon monoxide
- Reflective photoelectric sensor to detect smoke from any source
- Electrochemical CO sensor to detect carbon monoxide from 0 to 450ppm
- Auto-calibration once every month to re-adjust detection threshold value
- Supervision signals to check system integrity
- Test button to test range and silence alarm
- Wireless for easy and flexible installation
- Loud 85dB built-in siren for audio alerts
- Low battery detection
- Tamper protection to prevent unauthorized removal or unstable installation

SDCO-1-NB-LTE-M Smoke & Carbon Monoxide Detector

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) B14 (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, EL123AP Lithium batteries x3
Battery Life	7 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	128 mm x 128 mm x 46 mm

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