

SDCO-1ZBS Series Smoke & Carbon Monoxide Detector

Protecting What Matters Most



- Combo Smoke and CO detector
- Voice with programmable locations
- Loud 85dB Siren at 3m

Our combo Smoke & Carbon Monoxide Detector Series utilizes the latest optical sensing chamber and advanced microprocessor to deliver optimum performance in detecting fire and the odorless, poisonous carbon monoxide.

The SDCO-1ZBS series has a built-in speaker for voice prompts, allowing you and family members to know exactly why and where the alert is happening without any hassle to memorize unique alert sounds. It also has built-in temperature and humidity sensor to help monitor changes in the environment.

SDCO-1ZBS series has a loud 85dB at 3m 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. It also has self-diagnostics function to monitor device status and ensure optimal performance. Most importantly, it will continue to work even during a power outage.

Adopting ZigBee Pro HA 1.2 standard, SDCO-1ZBS series is compatible with other manufactures' ZigBee systems and can be conveniently integrated into new or existing ZigBee systems to deliver quality detection. Fire and carbon monoxide can be a deadly duo, but the SDCO-1ZBS series 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
- Exclusive voice prompts indicating the pre-programmed location of the initiating unit and the danger detected
- Reflective photoelectric sensor to detect smoke from any source
- Auto-calibration once every month to re-adjust detection threshold value
- Self-diagnostics function to ensure optimal performance
- Built-in temperature and humidity sensor to detect temperatures from -10°C to 50°C and humidity from 0% to 99%RH
- Rate-of-rise heat detection when temperature exceeds 57.25°C or rises by 8.25°C or more per minute
- Loud 85dB Siren at 3m for audio notification
- EN14604 and EN50291 certified
- Serial connected notification feature to command all devices with built-in siren to sound whenever an alarm is triggered (only SDCO-1-RhTH-ZBS-SC-AC)
- AC-powered or battery-powered (optional)
- Excellent stability with high sensitivity
- Randomized supervision signals to check system integrity
- LED status indicators for visual notification
- Low battery detection
- Tamper protection to prevent unauthorized removal, sabotage or unstable installation
- Compatible with other manufacturers' ZigBee systems
- Suitable for residential and commercial security
- Wireless for easy and flexible installation

SDCO-1ZBS Series Smoke & Carbon Monoxide Detector

Specifications

SDCO-1-RhTH-ZBS

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|---------------------------------|--|
| Communication Protocol | ZigBee Pro Home Automation 1.2, 2.4GHz |
| Power Source | 3V, CR123A Lithium battery x 3 |
| Battery Life | 10 years* |
| Audible Output | 85dB at 3m |
| Carbon Monoxide Detection Range | 0 to 450ppm |
| Temperature Detection Range | -10°C to 50°C (14°F to 122°F) |
| Temperature Sensitivity | ±1°C (±1.8°F) |
| Humidity Detection Range | 0% ~ 99%Rh |
| Operating Temperature | -10°C to 45°C (14°F to 113°F) |
| Operating Humidity | Up to 85% non-condensing |
| Dimensions | 128 mm x 128 mm 46 mm |

*Note: Actual battery life may vary due to product settings, environment and usage.

SDCO-1-RhTH-ZBS-SC-AC

| | |
|---------------------------------|--|
| Communication Protocol | ZigBee Pro Home Automation 1.2, 2.4GHz |
| Power Source | AC 100~230V |
| Back-up battery | 3V, CR123A Lithium battery x 1 |
| Battery Life | TBD |
| Audible Output | 85dB at 3m |
| Carbon Monoxide Detection Range | 0 to 450ppm |
| Temperature Detection Range | -10°C to 50°C (14°F to 122°F) |
| Temperature Sensitivity | ±1°C (±1.8°F) |
| Humidity Detection Range | 0% ~ 99%Rh |
| Operating Temperature | -10°C to 45°C (14°F to 113°F) |
| Operating Humidity | Up to 85% non-condensing |
| Dimensions | 128 mm x 128 mm 46 mm |

Ordering Information

SDCO-1-RhTH-ZBS

Smoke and Carbon Monoxide Detector, battery-powered, with temperature and humidity detection

SDCO-1-RhTH-ZBS-SC-AC

Smoke and Carbon Monoxide Detector, AC-powered, with temperature and humidity detection and serial connected notification