PRODUCT SPECIFICATIONS

Doc. No. CO03D-W

X-SENSE®
Your Trusted Home Safety Innovator







Wireless Interlinked Carbon Monoxide Alarm

CO03D-W

Technical Specifications

Safety Standard	EN 50291-1:2018
Sensor Type	Electrochemical
Operating Life	10 years
Power Source	3 × 1.5 V AA alkaline batteries (replaceable)
Alarm Sound Level	≥ 85 dB at 3.28 ft (1 m)
Operating Ambient Temperature	40–100°F (4.4–37.8°C)
Operating Relative Humidity	≤ 10~85% RH (non-condensing)
Silence Duration	≤ 9 minutes
Indicator Light	LEDs (red/yellow/green)
Product Weight	0.29 lb (133 g)
Product Dimensions	4.3 × 4.3 × 1.5 inches (110 × 110 × 37 mm)
Package Contents	1 × Alarm Unit + 3 × 1.5 V AA Batteries + 2 × Screws + 2 × Anchor Plugs + 1 × User Manual
Operating Frequency	868 MHz
Maximum Number of Interconnected Units	24 wireless units (only compatible with X-Sense wireless smoke alarms)
Transmission Range	Over 820 ft (250 m) in open air

X-SENSE®
Your Trusted Home Safety Innovator

Working Modes

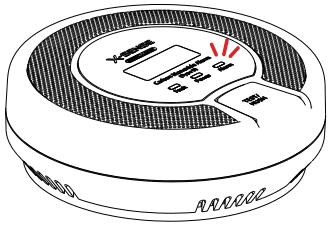
Powering On	After the batteries are installed, the buzzer delivers a "beep" and the LCD screen lights up. The red, green and yellow LED indicators will flash in sequence for 8 times. Then the LCD backlight and LED indicators will turn off and the unit will enter the standby mode.
Standby Mode	The green LED indicator flashes once every 60 seconds.
Alarm Mode	4 quick beeps repeating every 5.8 seconds. The red LED indicator flashes with the alarm sound.
Exiting an Alarm	When the CO concentration drops below the alarm threshold after an alarm state, the alarm signal stops, the green LED indicator will continuously flash once per second for 5 seconds and then enter the standby mode.
Test Button	• To silence the unit during an alarm. • To test the unit's electronics and check the alarm function. **Test a single CO alarm** • Action: Press the TEST/HUSH button. • Indication: The alarm will sound 2 sets of 4 short quick beeps. The red LED will flash once every second during the audible signal. After testing, the alarm will automatically enter standby mode. **Test all interconnected CO alarms** • Action: Hold down the TEST/HUSH button. • Indication: The initiating CO alarm will beep continuously with the red LED flashing. Other interconnected CO alarms in the network will receive the signal after 5 seconds, and they will beep continuously with the red LED flashing. Release the TEST/HUSH button and all the CO alarms will stop testing. The alarm testing should be completed within 3 minutes. After testing, the alarm will automatically enter standby mode.
Silence Function	• If you press the TEST/HUSH button during an alarm state, the alarm will enter the silence mode. If the CO concentration still exceeds the alarm threshold within 6 minutes, the unit will enter the alarm state again. • Silence duration: approx. 9 minutes
Low Battery Warning	• Low voltage range: 3.45-3.55 V DC • The yellow LED indicator flashes together with 1 beep every 60 seconds.
Fault Indication	The buzzer issues 2 quick beeps every 60 seconds and the yellow LED indicator flashes 2 times every 60 seconds.
End of Life	Once the maximum lifetime (10 years) is reached, the alarm will deliver 3 beeps and the LED indicator will flash yellow 3 times every 60 seconds. This end-of-life signal can be temporarily silenced for 22 hours by pressing the test button. The end-of-life silence feature can only be used for a total of 30 days. After 30 days, the end-of-life signal cannot be silenced.

CO Sensitivity

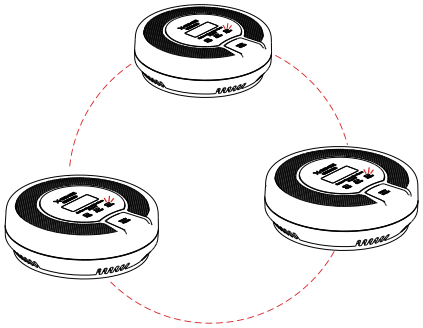
The X-Sense wireless interlinked carbon monoxide alarm is programmed to sound an alarm at the following CO concentrations within the time periods listed:

	CO Concentration	Alarm Response Time
CO Concentration Sensitivity	30 PPM	> 120 minutes
	50 PPM	60–90 minutes
	100 PPM	10–40 minutes
	300 PPM	< 3 minutes

Available Options in Series



CO03D Electrochemical CO Alarm



CO03D-W Wireless Interlinked CO Alarm (868 MHz)