

PRODUCT SPECIFICATIONS

DOC. NO. 251110SC07MREN

X-SENSE



Key Features:

- ◆ Connect to Base-station for App management or device to device Link+ interlink.
- ◆ Interlinked with up to 24 X-Sense Link+ alarms, so one is triggered, the others will sound to alert you.
- ◆ Connect to the SBS50 base station, monitoring your home from anywhere, receiving real-time notifications for alarms, low battery, faults and more through the X-Sense Home Security app.
- ◆ Max. 50 units can be added to one base station.
- ◆ Long transmission distance of 500 m.
- ◆ LCD for CO concentration display.
- ◆ Peak CO concentration record and reset.

Link+ Pro Combination Smoke and Carbon Monoxide Alarm

SC07-MR

Technical Specifications



KM 742936
BS EN 14604:2005
KM 819940
BS EN 50291-1:2018
Smoke and Carbon Monoxide Alarms



2797 CPR 819939

CPR-DoP-SC-B01

EN 14604:2005/AC:2008



Maximum Service Life	10 years
Power Supply	1 x 3 V DC CR123A lithium battery (replaceable)
Battery Life	5 years (test once a week) (wireless interconnected network) 3–5 years (test once a week) (when connected to base station)
Sensor Type	Smoke: Photoelectric CO: Electrochemical
Safety Standards	EN 14604:2005/AC:2008 EN 50291-1:2018
Smoke Sensitivity	1.29–2.36% obs/ft

CO Sensitivity	30 ppm: > 120 minutes
	50 ppm: 60–90 minutes
	100 ppm: 10–40 minutes
	300 ppm: < 3 minutes
Operating Temperature	40–100°F (4.4–37.8°C)
Operating Relative Humidity	10%–85% RH (non-condensing)
Alarm Loudness	≥ 85 dB at 10 ft (3 m) @ 3.2 ± 0.3 kHz pulsing alarm
Silence Duration	≤ 9 minutes
Operating Frequency	869.25–869.3 MHz
Max. RF Power	10 mW
Maximum Number of Interconnected Units	24 wireless units (only compatible with X-Sense wireless alarms)
Transmission Range	Over 1,640 ft (500 m) in open air
Product Weight	358 g
Product Dimensions	146 × 146 × 50 mm
Package Contents	1 × Alarm Unit + 3 × Screws + 3 × Anchor Plugs + 1 × User Manual + 1 × Mounting Bracket + 1 × Battery (Pre-installed)

Working Modes

Mode	LED Indicator	Buzzer	Remarks
Powering On	Runs through 8 cycles (yellow/green/red) in sequence.	1 beep.	Remove the battery insulating film from the battery compartment to turn on the device. Once the LED stops flashing, you can proceed with other operations.
Wi-Fi Pairing Mode	Flashes blue rapidly.	1 beep.	Transmission mode.

Inter-Device Pairing Status		Flashes blue slowly.	1 beep.	Reception mode.
		Flashes blue rapidly.	1 beep.	Transmission mode.
Silence Mode		Flashes green once every 60 seconds.	None.	None.
Test Mode	Test a single unit.	2 sets of 3 red flashes followed by 2 sets of 4 red flashes.	2 sets of 3 long beeps followed by 2 sets of 4 quick beeps.	Short press the Test/Silence button.
	Test all interconnected units.	Flashes red rapidly.	Continuous short beeps.	Initiating alarm. Hold down the Test/Silence button on one unit in the network.
		Flashes red and green sequentially.	Continuous short beeps.	Other interconnected alarms in the network.
Alarm Mode	Unit detected smoke and initiated an alarm.	Flashes red 3 times every 4 seconds.	3 long beeps every 4 seconds.	Dangerous smoke concentration is detected. Open nearby windows and doors, and immediately move to fresh air.
	Unit detected CO and initiated an alarm.	A CO concentration ranging from 30 to 999 ppm has been present for a certain time period. The LED indicator flashes red 4 times every 5.8 seconds.	4 quick beeps repeating every 5.8 seconds.	Dangerous CO concentration is detected, and has reached the alarm status. Open nearby windows and doors, and immediately move to fresh air.
	Smoke/CO concentration level drops.	Flashes green once every second for 5 seconds.	None.	Alarm cancellation: when the smoke/CO concentration level drops below the alarm threshold, the alarm signal will stop.
	All other interconnected units in the network.	Flashes red and green 3 times sequentially every 4 seconds.	3 long beeps every 4 seconds.	Dangerous smoke concentration is detected by the initiating unit in the network. Please find the initiating unit and take action.
		The LED flashes red 4 times, then the LED flashes green once every 5.8 seconds.	4 quick beeps repeating every 5.8 seconds.	Dangerous CO concentration is detected by the initiating unit, and has reached the alarm status. Please find the initiating unit and take action.

Silence Mode	Flashes red 3 times every 4 seconds.	None.	Smoke silence mode: After 9 minutes, the unit will exit silence mode.
	Flashes red 4 times every 5.8 seconds.	None.	CO silence mode: After 9 minutes, the unit will exit silence mode.
	Flashes green 3 times.	None.	When the CO concentration is too high above 300 ppm, the sound cannot be muted by pressing the test/silence button.
	Flashes yellow once every 60 seconds.	None.	After 9 minutes of silence, it will automatically exit silent mode.
	Flashes yellow 3 times every 60 seconds.	None.	Silence mode during low battery After 10 hours, the unit will exit silence mode.
Peak CO Concentration Indication	Flashes green once.	None.	Silence mode during the end of life: After 22 hours, the unit will exit silence mode.
Peak CO Concentration Reset	Flashes green once.	1 beep.	Check peak CO levels.
Low Battery	Flashes yellow once every 60 seconds.	1 beep every 60 seconds.	The peak CO concentration will be reset with LCD displaying "0."
Fault	Flashes yellow 2 times every 60 seconds.	2 beeps every 60 seconds.	Replace the battery immediately
			Smoke sensor malfunction. Replace the device immediately.
End of Life	Flashes yellow 3 times every 60 seconds.	3 beeps every 60 seconds.	Carbon monoxide sensor malfunction. Replace the device immediately.
Exit the Network	None.	1 beep.	Replace the unit immediately.
			Already exited the network, it is an independent device.

Ordering Information

Part Number	Pack Quantity	Dimension	Weight	Units/Carton
SC07-MR - 1 pack	1 x Alarm Unit	150 x 60 x 150 mm	425 g	45 units