X-SENSE
Your Trusted Home Safety Innovator

Key Features:

◆ Interlinked with up to 24 other X-Sense Link+ series alarms; when one alarm is triggered, all devices will sound an alarm.

◆ Loud enough to hear at 85 dB.

◆ LCD displays peak CO concentration.

◆ Long transmission distance over 250 m (820 ft) in open air.

◆ Figaro electrochemical sensors to guarantee high sensitivity.

◆ 10-year lithium battery, no need for the user to replace the battery

Wireless Interlinked Combination Smoke and Carbon Monoxide Alarm (Type B)

SC07-W

Technical Specifications

Power Supply	10-year sealed lithium battery
Sensor Type	Smoke : Photoelectric
	CO : Electrochemical
Product Lifespan	10 years
Safety Standards	EN 14604:2005 and EN 50291-1:2018
CO Sensitivity	30 ppm : > 120 minutes
	50 ppm : 60–90 minutes
	100 ppm : 10–40 minutes
	300 ppm : < 3 minutes
Operating Temperature	4.4–37.8°C (40-100°F)
Operating Relative Humidity	10%–85% RH (non-condensing)
Alarm Loudness	≥ 85 dB at 3 m (10 ft) @ 3.2 ± 0.3 kHz pulsing alarm

Silence Duration	≤ 9 minutes
Operating Frequency	869.25-869.3 MHz (10 mW)
Maximum Number of Interconnected Units	24 wireless units (only compatible with X-Sense wireless alarms)
Transmission Range	Over 250 m (820 ft) in open air
Product Weight	314g
Product Dimensions	146 x 146 x 51mm
Package Contents	1 × Alarm Unit (Pre-installed Battery) + 1 × Mounting Bracket + 3 × Screws + 3 × Anchor Plugs + 1 × User Manual

Working Modes

Powering On	Runs through 8 cycles (yellow/green/red) in sequence.	1 beep.	Mount the product on the bracket to turn on the device. Once the LED stops flashing, you can proceed with other operations.
Inter-Device Pairing Status	Flashes blue slowly.	1 beep.	Reception mode.
	Flashes blue rapidly.	1 beep.	Transmission mode.
Standby 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.
	Test all interconnected units: Flashes red and green sequentially.	Continuous short beeps.	Other interconnected alarms in the network.

	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.
Alarm Mode	**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.
	All other interconnected units in the network: 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.
	Flashes red 3 times every 4 seconds	None.	Smoke silence mode : After 9 minutes, the unit will exit silence mode.
Silence Mode	Flashes red 4 times every 5.8 seconds	None.	CO silence mode : After 9 minutes, the unit will exit silence mode.
			When the CO concentration is too high above 300 ppm, the sound cannot be muted by pressing the test/silence button.
	Flashes green 3 times	None.	After 9 minutes of silence, it will automatically exit silent mode.
	Flashes yellow once every 60 seconds.	None.	Silence mode during low battery: After 10 hours, the unit will exit silence mode.
	Flashes yellow 3 times every 60 seconds.	None.	Silence mode during the end of cycle : After 22 hours, the unit will exit silence mode.

Low Battery	Flashes yellow once every 60 seconds.	1 beep every 60 seconds.	Replace the battery immediately	
Fault	Flashes yellow 2 times every 60 seconds.	2 beeps every 60 seconds.	Smoke sensor malfunction. Replace the device immediately.	
			Carbon monoxide sensor malfunction. Replace the device immediately.	
End of Life	Flashes yellow 3 times every 60 seconds.	3 beeps every 60 seconds.	Replace the unit immediately.	
Exit the Network	None.	1 beep.	Already exited the network, it is an independent device.	

Sensitivity

	Test Direction	Air Flow	Smoke Rise Rate	Sensitivity
Smoke Sensitivity	Air flow	0.2m/s	0.02m/dB/min @AWT1100	0. 110~0.22dB/m
			0.05m/dB/min @AWT1100	0. 11~0.215dB/m
			0.05m/dB/min @AWT1800	0. 102~0.214dB/m
			0.05m/dB/min @SMX-3600	0. 105~0.2dB/m

Ordering Information

Part Number	Pack Quantity	Dimension	Weight	Units/Carton
SC07-W - 1 pack	1 x Alarm Unit	166 x 158 x 65 mm	460 g	36 units
SC07-W - 3 packs	3 x Alarm Unit	170 x 153 x 162 mm	1267 g	12 units
SC07-W - 6 packs	6 x Alarm Unit	400 x 160 x 158 mm	2500 g	6 units