

PRODUCT SPECIFICATIONS

DOC NO. 240228SC07WXEN



Key Features:

- ◆ **Direct Wi-Fi Connectivity:** No base station required. Receive notifications and silence alarms remotely via the X-Sense Home Security APP for real-time monitoring.
- ◆ **Pre-Alarm Feature:** Alerts when CO levels exceed preset thresholds, APP displays PPM values and updates during concentration changes.
- ◆ **Self-Check Feature:** Press alarm test button to verify device functionality.
- ◆ **Feature-Packed APP:** Displays PPM values, silences alarms, checks CO history, alerts for low battery and faults, and allows user sharing.
- ◆ **Figaro Electrochemical CO Sensor:** 10-year lifespan, replaceable batteries with at least 1-year life.

Wi-Fi Combination Smoke and Carbon Monoxide Alarm

SC07-WX

Technical Specifications



Power Supply	CR123A lithium battery (replaceable)
Sensor Type	Smoke: Photoelectric
	CO: Electrochemical
Battery Life	1 year
Product Life	10 years
Safety Standards	EN 14604 and EN 50291
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 3 m (10 ft) @ 3.2 ± 0.3 kHz pulsing alarm
Silence Duration	≤ 9 minutes


Number of Allowed Devices	Each X-Sense account can create 5 houses, and each house can add 24 Wi-Fi combination alarms. Additionally, you have the option to add Wi-Fi smoke alarms, Wi-Fi carbon monoxide alarms, and base stations.
App	X-Sense Home Security (both Android and iOS supported)
Wireless Frequency	2.4 GHz (incompatible with 5 GHz Wi-Fi network)
Wi-Fi Transmission Range	170 ft (50 m)
Wireless Protocol	IEEE 802.11b/g/n
Product Weight	358g
Product Dimensions	146 x 146 x 50mm
Package Contents	1 × Alarm Unit (Pre-installed Battery) + 1 × Mounting Bracket + 3 × Screws + 3 × Anchor Plugs + 1 × User Manual

Working Modes

Status	Indicators	Alarms
Powering On	First-time use without connecting to the Wi-Fi: Runs through 8 cycles (yellow/green/red) in sequence.	1 quick beep.
	The battery is replaced and the device has connected to the Wi-Fi before: The LED indicator flashes blue until the Wi-Fi connection is successful.	
Standby Mode	Flashes green once every 60 seconds.	None.
Silence Mode	Smoke silence mode: Flashes red 3 times every 4 seconds.	None.
	CO silence mode: Flashes red 4 times every 5.8 seconds.	None.
	Silence mode during low battery: Flashes yellow once every 60 seconds.	None.
	Silence mode during the end of life: Flashes yellow 3 times every 60 seconds.	None.
	Exiting silence mode: Flashes green 3 times.	None.
Test Mode	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.

Alarm Mode	Unit detects smoke and initiates an alarm: Flashes red 3 times every 4 seconds.	3 long beeps every 4 seconds.
	Unit detects CO and initiates 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.
	Unit detects CO (alarm not initiated): A CO concentration level ranging from 30 to 999 ppm has been detected, but for less than the allotted detection period. The LED indicator flashes green once every 60 seconds.	None.
Low Battery	Flashes yellow once every 60 seconds.	One beep every 60 seconds.
Fault	Flashes yellow 2 times every 60 seconds.	2 beeps every 60 seconds.
End of Life	Flashes yellow 3 times every 60 seconds.	3 beeps every 60 seconds.

Sensitivity

Smoke Sensitivity	Test Direction	Air Flow	Smoke Rise Rate	Sensitivity
		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-WX - 1 pack	1 x Alarm Unit	150 x 150 x 60 mm	422 g	45 units
SC07-WX - 2 packs	2 x Alarm Unit	160 x 163 x 115 mm	877 g	18 units