

# 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                                          |

|                                  |                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Number of Allowed Devices</b> | 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. |
| <b>App</b>                       | X-Sense Home Security (both Android and iOS supported)                                                                                                                                                      |
| <b>Wireless Frequency</b>        | 2.4 GHz (incompatible with 5 GHz Wi-Fi network)                                                                                                                                                             |
| <b>Wi-Fi Transmission Range</b>  | 170 ft (50 m)                                                                                                                                                                                               |
| <b>Wireless Protocol</b>         | IEEE 802.11b/g/n                                                                                                                                                                                            |
| <b>Product Weight</b>            | 358g                                                                                                                                                                                                        |
| <b>Product Dimensions</b>        | 146 x 146 x 50mm                                                                                                                                                                                            |
| <b>Package Contents</b>          | 1 × Alarm Unit (Pre-installed Battery) + 1 × Mounting Bracket + 3 × Screws + 3 × Anchor Plugs + 1 × User Manual                                                                                             |

## Working Modes

| Status              | Indicators                                                                                                                                                | Alarms                                                      |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>Powering On</b>  | <b>First-time use without connecting to the Wi-Fi:</b> Runs through 8 cycles (yellow/green/red) in sequence.                                              | 1 quick beep.                                               |
|                     | <b>The battery is replaced and the device has connected to the Wi-Fi before:</b> The LED indicator flashes blue until the Wi-Fi connection is successful. |                                                             |
| <b>Standby Mode</b> | Flashes green once every 60 seconds.                                                                                                                      | None.                                                       |
| <b>Silence Mode</b> | <b>Smoke silence mode:</b> Flashes red 3 times every 4 seconds.                                                                                           | None.                                                       |
|                     | <b>CO silence mode:</b> Flashes red 4 times every 5.8 seconds.                                                                                            | None.                                                       |
|                     | <b>Silence mode during low battery:</b> Flashes yellow once every 60 seconds.                                                                             | None.                                                       |
|                     | <b>Silence mode during the end of life:</b> Flashes yellow 3 times every 60 seconds.                                                                      | None.                                                       |
|                     | <b>Exiting silence mode:</b> Flashes green 3 times.                                                                                                       | None.                                                       |
| <b>Test Mode</b>    | 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  | <b>Unit detects smoke and initiates an alarm:</b><br>Flashes red 3 times every 4 seconds.                                                                                                                                    | 3 long beeps every 4 seconds.              |
|             | <b>Unit detects CO and initiates an alarm:</b> 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. |
|             | <b>Unit detects CO (alarm not initiated):</b> 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

|                   | Test Direction                                                                      | Air Flow | Smoke Rise Rate        | Sensitivity     |
|-------------------|-------------------------------------------------------------------------------------|----------|------------------------|-----------------|
| Smoke 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      |