# PRODUCT SPECIFICATIONS

Doc. No. XS01-W

X-SENSE® Pro

78 mm (3.0 in)

48 mm (1.9 in)

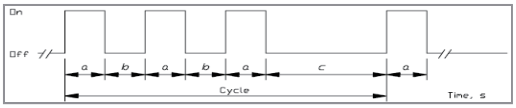
# Wireless Interlinked Smoke Alarm

## XS01-W

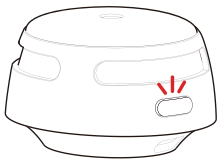
### Technical Specifications

| | |
|---|---|
| **Safety Standard** | EN 14604:2005 + AC:2008 |
| **Sensor Type** | Photoelectric |
| **Operating Life** | 10 years |
| **Power Source** | 3 V CR123A lithium battery (non-replaceable) |
| **Alarm Sound Level** | ≥ 85 dB at 3 m (10 ft) |
| **Operating Temperature** | 4–38°C (40–100°F) |
| **Operating Relative Humidity** | ≤ 85% RH (non-condensing) |
| **Silence Duration** | Approx. 9 minutes |
| **Indicator Light** | Red LED |
| **Product Weight** | 91 g (0.20 lb) |
| **Product Dimensions** | 78 × 78 × 48 mm (3.0 × 3.0 × 1.9 inches) |
| **Package Contents** | 1 × Alarm Unit + 1 x Mounting Bracket + 2 × Screws + 2 x Anchor Plugs + 1 × User Manual |
| **Operating Frequency** | 868 MHz |
| **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 |

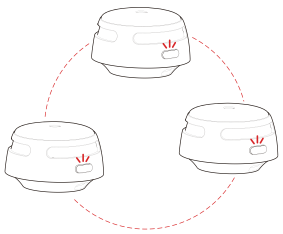
## Working Modes

| | |
|---|---|
| **Alarm Indication** | Red LED flashes once every second with short quick beeps. |
| **Standby Mode** | Red LED flashes once every 60 seconds. |
| **Malfunction Warning** | Red LED flashes twice with 2 beeps every 40 seconds. Each alarm gives an independent warning. |
| **Silence Duration** | Approx. 9 minutes |
| **Silence Indication** | Red LED flashes once every 5 seconds without beeps. |
| **Low Battery Warning** | Red LED flashes once with 1 beep every 60 seconds. Each alarm gives an independent warning. |
| **Sounder Output Pattern When the Alarm Is Triggered** | a = 0.5 seconds ± 10%,<br>b = 0.5 seconds ± 10%,<br>c = 1.5 seconds ± 10%.<br>The total cycle lasts for 4 seconds ± 10% and its sound frequency is 3.2 ± 0.3 kHz.<br>  |
| **Test Mode** | **Test a single alarm**<br>· Action: Press the test/silence button.<br>· Indication: The alarm will sound 3 short quick beeps. The red LED will flash once every second during the audible signal.<br><br>**Test all interconnected smoke alarms**<br>· Action: Hold down the test/silence button.<br>· Indication: The initiating smoke alarm will beep continuously with the red LED flashing. Other interconnected smoke alarms in the network will receive the signal after 5 seconds, and they will beep continuously with the red LED flashing. Release the test/silence button and all the smoke alarms will stop testing. The alarm testing should be completed within 3 minutes. |

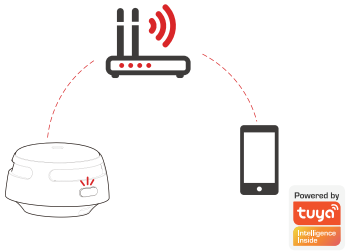
## Available Options in Series



XS01 Photoelectric Smoke Alarm



XS01-W Wireless Interlinked Smoke Alarm (868 MHz)




XS01-WT Wi-Fi Smoke Alarm (TuyaSmart/Smart Life)