XS01-W/WR
Wireless Interlinked Smoke Alarm

X-SENSE®
Ultimate Safety Expert

Product Overview

As one of the world's most reliable wireless safety alarms, our wireless smoke alarms are interconnected to each other using radio frequency technology. When one alarm is activated, all other alarms will sound. Moreover, we have introduced the remote controller which can connect with your wireless interconnected network for easy operation and testing purposes. You don't need to use a ladder or stepstool to test/silence your alarm.

The XS01-W/WR Wireless Interlinked Smoke Alarm is designed to comply with the EU standard EN 14604. It can be interconnected with other alarms in a matter of seconds with a simple one-button interconnection process.

The XS01-W/WR smoke alarms that are interconnected will sound if one alarm is triggered, ensuring an immediate response to fire. With the locate function, pressing the test/silence button on any interconnected alarm will silence all but the initiating alarm to quickly find the alarm source.

CE

EN 14604:2005+AC:2008
Complies with Radio Equipment Directive 2014/53/EU

Product Features

- Compact size matching all the installation environment
- High-performance photoelectric sensor
- Wireless interconnection for the earliest possible warning
- Test/silence all the interlinked alarms in one network
- Interconnects up to 24 wireless alarms
- Low-battery warning
- Loud alert ≥ 85 dB at 3 m
- DC 3 V lithium battery
- Optional wireless remote controller for silencing and testing

Model	Product description
XS01-W	Wireless interlinked smoke alarm with sealed 3 V lithium battery (10 years)
XS01-WR	Wireless interlinked smoke alarm with replaceable 3 V lithium battery
RC01	Remote controller

X-SENSE®
X-Sense Innovations Co., Ltd.

Deltronic

3.0 in (78 mm)　　1.9 in (48 mm)
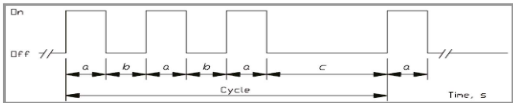
Wireless Interlinked Smoke Alarm
XS01-W

Technical Specifications

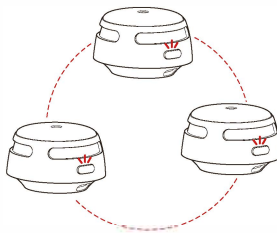|	
Safety Standard	EN 14604:2005 + AC:2008
Sensor Type	Photoelectric
Operating Life	10 years
Power Source	3 V CR123A lithium battery (non-replaceable)
Standby Current	< 15 μA (avg.)
Alarm Current	< 150 mA
Alarm Sound Level	≥ 85 dB at 10 ft (3 m)
Operating Ambient Temperature	40-100 °F (4.4-37.8 °C)
Operating Relative Humidity	≤ 85% RH (non-condensing)
Silence Duration	≤ 9 minutes
Indicator Light	Red LED
Product Weight	0.20 lb (91 g)
Product Dimensions	3.0 × 3.0 × 1.9 inches (78 × 78 × 48 mm)
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 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%, b = 0.5 seconds ± 10%, c = 1.5 seconds ± 10%. The total cycle lasts for 4 seconds ± 10% and its sound frequency is 3.2 ± 0.3 kHz.

Test Mode

Test a single alarm
· Action: Press the test/silence button.
· Indication: The alarm will sound 3 short quick beeps. The red LED will flash once every second during the audible signal.

Test all interconnected smoke alarms
· Action: Hold down the test/silence button.
· 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.
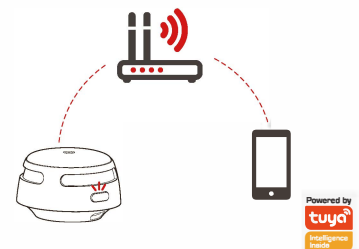
Available Options in Series
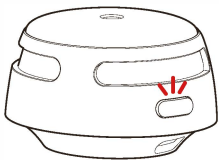
XS01 Photoelectric Smoke Alarm

XS01-W Wireless Interlinked Smoke Alarm (868 MHz)

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