PRODUCT SPECIFICATIONS

Doc. No. 240821SD19EN

X-SENSE®
The Ultimate Home Safety Expert







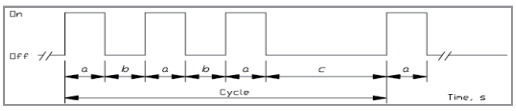
Photoelectric Smoke Alarm

SD19

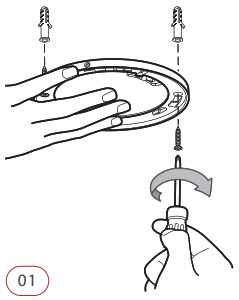
Technical Specifications

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	< 6 μA (avg.)
Alarm Current	< 30 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	0.38 lb (171g)
Product Dimensions	4.8 × 4.8 × 1.8 inches (122 × 122 × 45 mm)
Package Contents	1 × Alarm Unit + 1 x Mounting Bracket + 2 × Screws + 2 x Anchor Plugs + 1 × User Manual

Working Modes

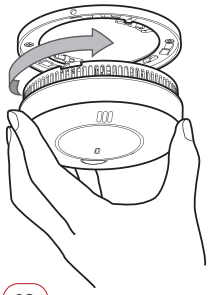
Alarm Indication	Red LED flashes once every second with short quick beeps.
Standby Mode	Red LED flashes once every 60 seconds.
Malfunction Warning	Red LED flashes twice with 2 beeps every 40 seconds.
Silence Duration	Approx. 9 minutes
Silence Indication	Red LED flashes once every 5 seconds without beeps.
Low Battery Warning	Red LED flashes once with 1 beep every 60 seconds.
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	Press the test/silence button. The alarm will sound 3 short quick beeps. The red LED will flash once every second during the audible signal.

Installation Method



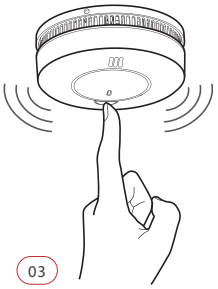
01

Attach the mounting bracket to the surface of the wall or ceiling.



02

Twist clockwise to mount the detector into the bracket.



03

Test the detector.