

PRODUCT SPECIFICATIONS

Doc. No. SD11

X-SENSE® Pro



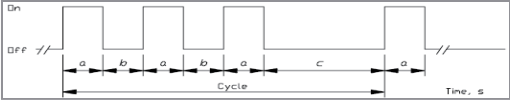
Photoelectric Smoke Alarm SD11

Technical Specifications

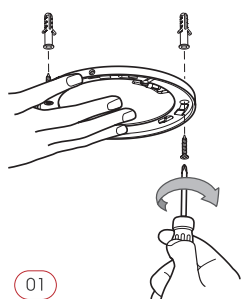
Safety Standard	EN 14604:2005 + AC:2008
Sensor Type	Photoelectric
Operating Life	10 years
Power Source	3 V CR123A lithium battery (non-replaceable)
Alarm Sound Level	≥ 85 dB at 3 m (10 ft)
Operating Temperature	4–38°C (40–100°F)
Operating Relative Humidity	≤ 85% RH (non-condensing)
Silence Duration	Approx. 9 minutes
Indicator Light	Red LED
Product Weight	171 g (0.38 lb)
Product Dimensions	122 × 122 × 44 mm (4.8 × 4.8 × 1.7 inches)
Package Contents	1 × Alarm Unit + 1 × Mounting Bracket + 2 × Screws + 2 × 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	<p> $a = 0.5 \text{ seconds} \pm 10\%$, $b = 0.5 \text{ seconds} \pm 10\%$, $c = 1.5 \text{ seconds} \pm 10\%$. The total cycle lasts for $4 \text{ seconds} \pm 10\%$ and its sound frequency is $3.2 \pm 0.3 \text{ kHz}$. </p> 
Test Mode	<p>Press the test/silence button. The alarm will sound 3 short quick beeps.</p> <p>The red LED will flash once every second during the audible signal.</p>

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.