

PRODUCT SPECIFICATIONS

Doc. No. XS01

X-SENSE®
Ultimate Safety Expert



Photoelectric Smoke Alarm

XS01

Technical Specifications

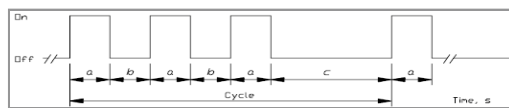
Safety Standard	EN 14604
Sensor Type	Photoelectric
Operating Voltage	3 V DC
Battery Type	CR123A
Standby Current	< 6 μ A (average)
Alarm Current	< 60 mA
Audibility Level	\geq 85 dB at 3 m
Operating Ambient Temperature	0 to 55 °C (32 to 131 °F)
Operating Relative Humidity	\leq 85% RH (non-condensing)
Product Life	10 years



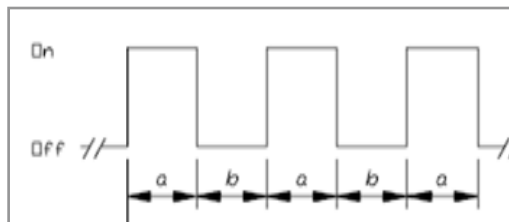
CE RoHS

Working Modes

Alarm Indication	Red LED flashes with the alarm sounding repeatedly.
Standby Mode	Red LED flashes every 60 seconds.
Malfunction Warning	Red LED flashes with 2 beeps every 40 seconds.
Silence Duration	Approx. 9 minutes
Silence Indication	Red LED flashes every 5 seconds without beeps.
Low Battery Warning	Red LED flashes with 1 beep every 60 seconds.
Sounder Output Pattern When the Alarm Is Triggered	<p>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.</p>



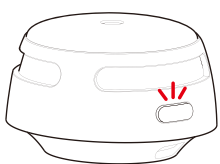
Test Button	<p>Test Mode: Press the test button, red LED flashes every 0.5 seconds and the alarm beeps 3 times with the sounder output pattern (0.5 seconds ± 10%, off 0.5 seconds ± 10% and on 0.5 seconds ± 10%). Otherwise, it's in malfunction.</p>
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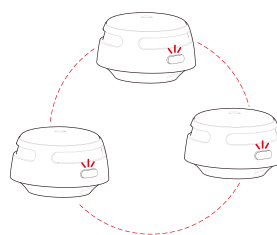
Smoke Sensitivity

Smoke Sensitivity	Test Direction	Air Flow	Smoke Test Box	Sensitivity
	0° from the LED	0.20 m/s	AWT1100	0.120-0.155 db/m

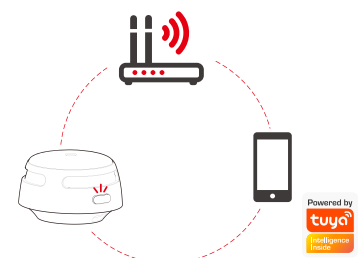
Available Options in Series



XS01 Photoelectric Smoke Alarm



XS01-W Wireless Interlinked Smoke Alarm (868 MHz)



XS01-WT Wi-Fi Smoke Alarm (Tuya Smart)