

Product Overview

The AX-GS-SD-BW smoke alarm is designed for reliable smoke detection in residential and commercial environments. It delivers a high-output audible alarm signal of up to 85 dB at 3 m. The unit is battery operated with a sealed long-life lithium battery, engineered for up to 10 years of standby operation. A silence function allows temporary suppression of nuisance alarms caused by non-hazardous conditions such as steam, via the TEST/HUSH button or mobile application, with automatic reactivation after 15 minutes if smoke is still detected.



Products Features

- Battery operated
- Wifi connectivity with Mobile App feature
- Up to 10 years battery life
- LED lights for status.

Product Specifications

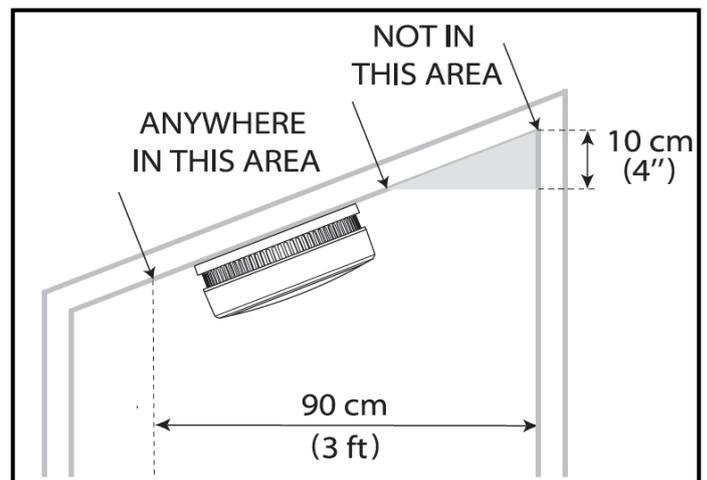
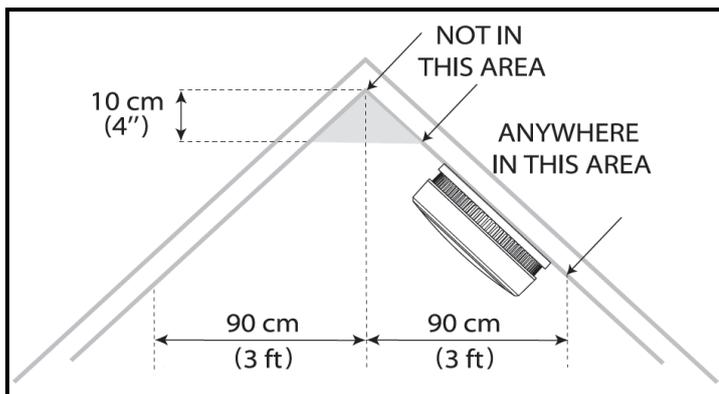
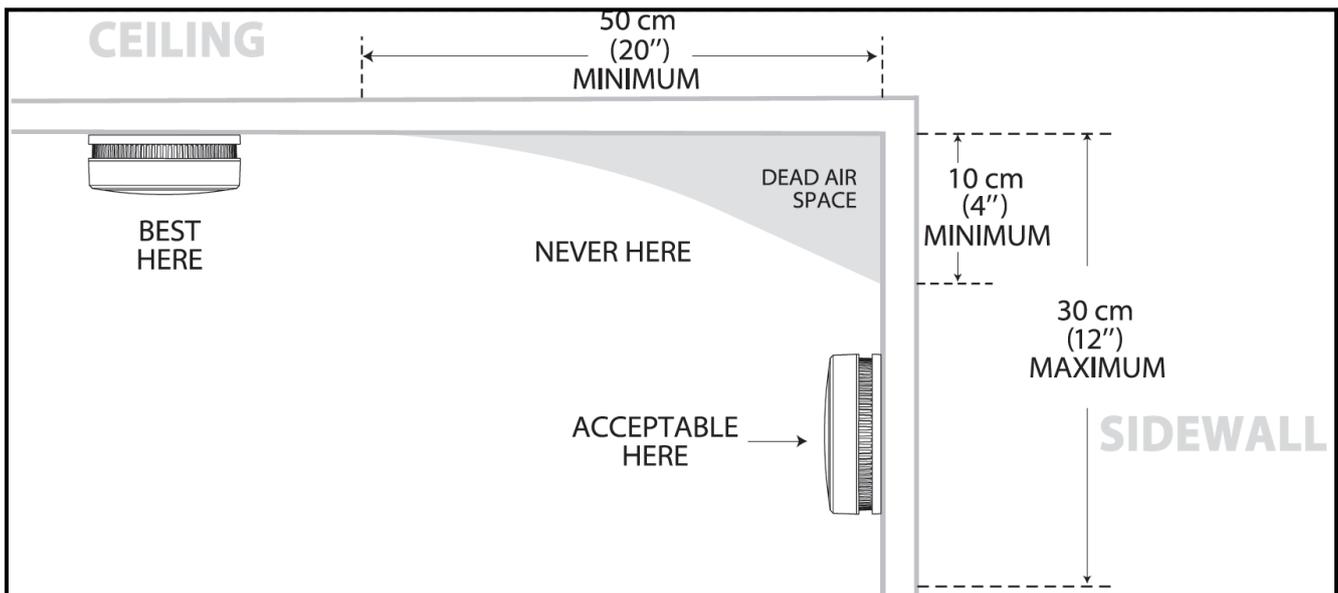
Alarm Sound Level:	>85dB(3m)
Static Current:	≤15uA
Battery Lower Level:	2.6±0.1V(≤2.6V WiFi disconnected)
RH Level:	≤95%RH(40°C ±2°C Non-condensing)
LED Indication (On Alarm):	Red
LED Indication (On Wifi):	Blue
Frequency Coverage:	2400-2484MHz
Wireless Protocol:	IEEE 802.11b/g/n
Mute Duration:	15 Minutes
Battery Details:	CR17450 3V about 2500mAh, DC3V
Approvals:	EN 14604:2005 EN 14604:2005/AC:2008
Signal Current:	≤300mA
Operating Temperature:	-10°C to 55°C
Output Type:	Audible and Visual Alarm
WiFi RF Power:	Max+16dBm @802.11b
Unit Weight (Inc Battery):	135G
Battery Life:	10 Years (Depending on usage)
Country Of Origin:	China

Product Order Codes	
AX-GS-SD-BW	Space/Room Smoke Alarm - Battery Operated with Wifi (10 Years Battery)

Installation Guidelines for Smoke Alarm

Note: If a smoke alarm is installed in a kitchen, ensure it is equipped with an accessible silence button. Install the alarm as far away as possible from the stove and sink to minimize nuisance alarms.

- 1- Prioritize installation in bedrooms and hallways, ensuring the alarm can be heard from all sleeping areas. In homes with multiple bedrooms, install a smoke alarm in every bedroom.
- 2- If only one alarm is installed, place it near the bedrooms where possible, and do not install it in basements or furnace rooms.
- 3- Install a smoke alarm above stairways and on every level of the house.
- 4- Smoke and heat rise and spread horizontally across the ceiling; therefore, install the alarm in the center of the ceiling where possible. Maintain the minimum required distance from corners.
- 5- If ceiling-center installation is not possible, install the alarm at least 50 cm (20 in) away from any corner.
- 6- When wall-mounted, install the alarm 10–30 cm (4–12 in) below the ceiling.
- 7- If a room or hallway exceeds 9 m (30 ft) in length, install multiple alarms in the same space. For sloped or angled ceilings, install the alarm within 90 cm (3 ft) horizontally from the highest point of the ceiling or wall.



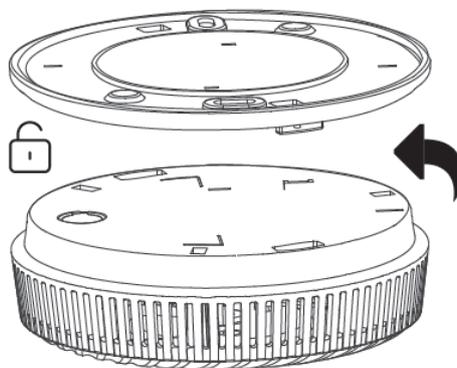
Safety Warnings

- 1- This alarm must be installed by a competent person.
- 2- This alarm is not a substitute for the proper installation, use, and maintenance of fuel-burning appliances, including suitable ventilation and exhaust systems.
- 3- To prevent injury, this device must be securely fixed to the ceiling or wall in accordance with the installation instructions.
- 4- Batteries must not be exposed to excessive heat, such as direct sunlight, fire, or other heat sources.

Installation and Test

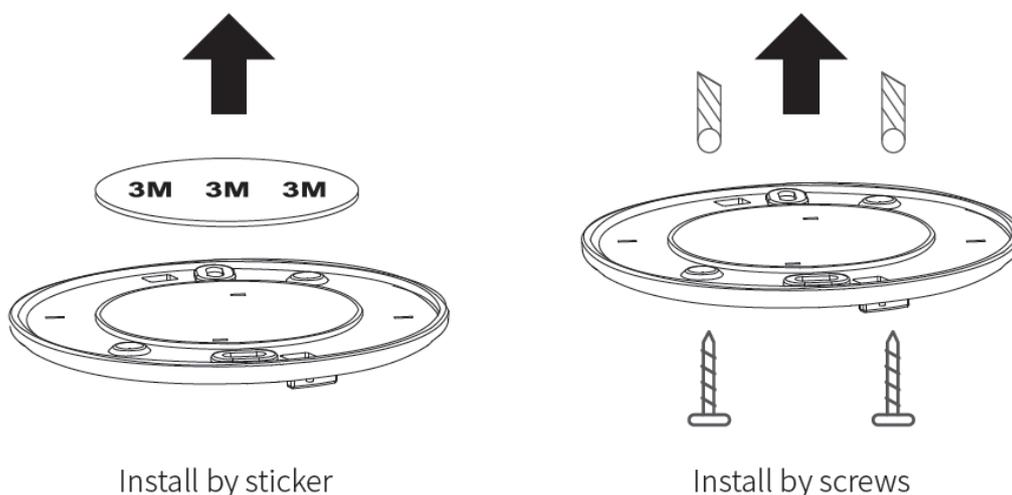
For general indoor areas with a ceiling height of less than 6 m, each alarm covers a protection area of 60 m². The alarm must be mounted on the ceiling.

1. Remove the ceiling mounting base.



Rotate the alarm anticlockwise out of the ceiling mount

2. Drill two holes in the ceiling with a spacing of 80 mm using a suitable drill bit. Insert the supplied wall plugs into the holes, then secure the ceiling mounting base using the provided screws or adhesive pad.

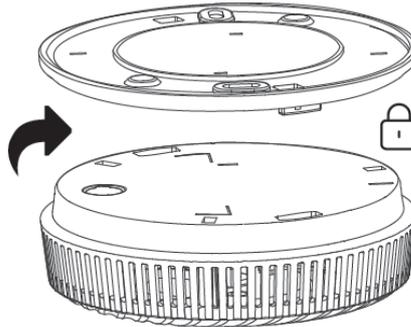


Install by sticker

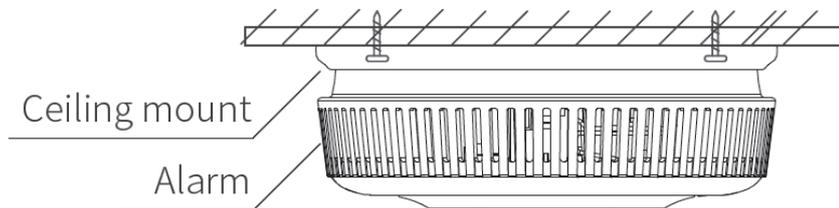
Install by screws

3. Press the TEST / HUSH button. All paired smoke alarms will sound and the LED will flash, and the app will receive a notification. If this does not occur, check that the power switch is ON, the battery voltage is sufficient ($\geq 2.6 \text{ V} \pm 0.1 \text{ V}$), and that the alarms have been successfully paired.

4. After testing, screw the alarm onto the ceiling mounting base until a “click” is heard, indicating it is securely fitted.



Turn the alarm clockwise until you hear a "click"



Common faults and Solutions

Fault	Cause Analysis	Solutions
False alarm	There is a lot of smoke in the room or water Vapor	1. Remove the alarm from ceiling mount. Reinstall after the smoke and steam are eliminated 2. Install the smoke alarm in a new location
A "DI" sound	Battery is low	Replace the product.
No alarm Or emit "DI" twice	Circuit failure	Discussing with supplier
No alarm when press Test/Hush button	The alarm and ceiling mount are not installed Correctly	Simply screw the alarm in the ceiling mount until you hear a "click"

Testing and Maintenance

1- Self-Check Function

The alarm performs an automatic self-check every 56 seconds during normal operation. During the self-check, the red LED flashes once, indicating normal operation. For safety, the alarm should be tested regularly. Press the TEST / HUSH button; the alarm will sound, the red LED will flash, and the app will receive a notification.

2- Monthly Test

It is recommended to press the TEST button once every month to verify correct alarm operation. If the alarm fails to sound or the response is delayed, the device must be replaced.

3- Annual Smoke Test

It is recommended to perform a real smoke test once per year. If the alarm fails to sound or responds with delay, the device must be replaced.

4-Annual Cleaning

It is recommended to remove the alarm once per year, switch off the power, and clean the alarm housing using a vacuum cleaner.

Package Contents:

- 1 x Wi-Fi Smoke Alarm
- 1 x Mounting Bracket
- 2 x Screws
- 2 x Anchor Plugs
- 1 x 3M Adhesive Tape
- 1 x User Manual

Datasheet Contents

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