HIKVISION

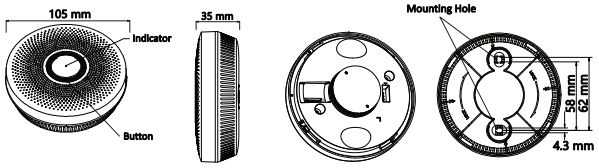


Smoke Alarm

User Manual

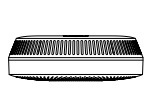
Basic Information

Appearance

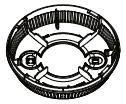


Pack List

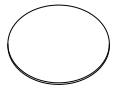
*All device's appearances are subject to the one you bought.



Detector



Mounting Base



Adhesive



User Manual



Anchors
(ϕ5.5 × 25)



Screws
(KA3.5×25)



Drill Template

Indicator & Buzzer

Operation Status

Status	Indicator	Buzzer
Standby	Green light flashes every 100s.	Off
Smoke Alarm	Red light is always on.	Quick beeps
Interconnected Smoke Alarm	Red light flashes.	Quick beeps
Low Battery	Yellow light flashes every 50s.	1 quick beep every 50s
Pollution/Sensor Fault	Yellow light flashes every 50s.	Off

Pairing Status

Status	Indicator	Buzzer
Pairing	Green light flashes.	Off
Paired	Green light is always on.	2 quick beeps
Unpaired	Red light flashes 2s.	A long beep

Self Check Status

Status	Indicator	Buzzer
Self Check Process	Red light is on for 5s.	5 quick beeps
Result of self check is normal.	Green light flashes 2s.	Off
Result of self check is fault (Low battery, pollution fault, sensor fault).	Yellow light flashes 2s.	Off
Strong Signal	Green light flashes 2s.	2 quick beeps
Weak Signal	Red light flashes 2s.	3 quick beeps
No Signal	Red light is on for 2s.	A long beep

Icon Definition

G	Green light goes solid.	R	Red light goes solid.
G	Green light flashes once.	R	Red light flashes once.
G	Green light flashes.	R	Red light flashes.
G	Yellow light flashes.		Light is off.
	Buzzer beeps.		Pairing

UD46225B-A

Interconnection

Power on Smoke Alarm

Rotate the base to install it onto the detector to power on the alarm..

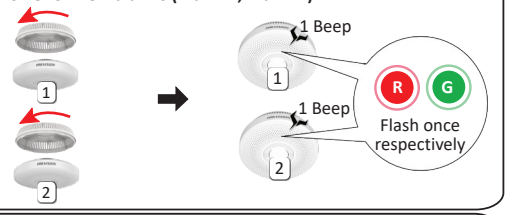
Interconnection (including 3 scenes)

*When pairing, all alarms need to be operated within 3 meters.

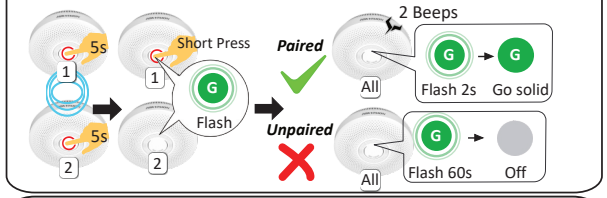
Scene 1 ***All of alarms are not registered:***

*1. After finishing pairing the previous alarms, power on the next alarm.
2. After alarms are paired, pairing status keeps 60s.
3. The number of interconnected devices is limited (≤ 30), which could make alarms unpaired.

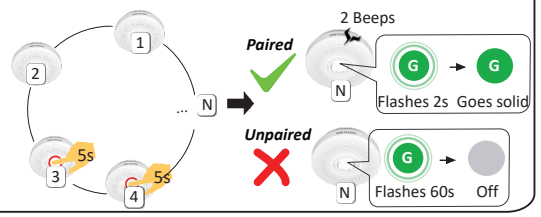
Step 1 Power on new alarms (Alarm 1, Alarm 2).



Step 2 Press and hold Alarm1 and Alarm2 for 5s until 3 beeps and release. Short press Alarm1 again until 1 beep in 60s. Check the results.



Step 3 Power on Alarm 3/Alarm 4...Alarm N. Repeat Step 2 on them to add to the previous paired alarms one by one.



How to Solve Unpaired Situation

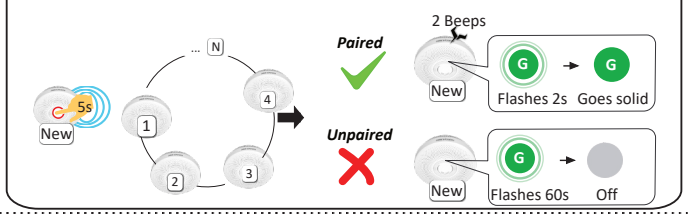
If it is unpaired, you can
1. Check if the alarm is interconnected device.
2. Check if the working band is consistent with other devices.
3. Repeat the operations of Step 1.

Scene 2 ***Add a new alarm to the paired group:***

Step 1 Press and hold Alarm 1 for 5s until 3 beeps and release. Short press again until 1 beep in 60s.

Step 2 Power on new alarm.

Step 3 Press and hold new alarm for 5s until 3 beeps and release. Short press again until 1 beep in 60s. Check the results.

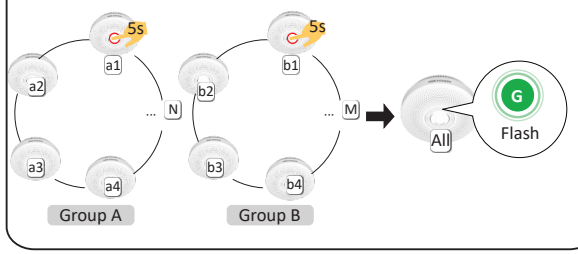


How to Solve Unpaired Situation

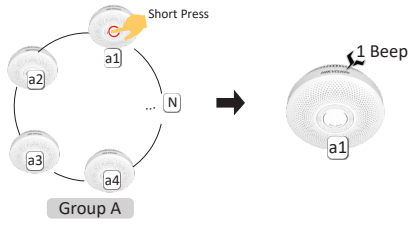
If it is unpaired, you can
1. Check if the alarm is interconnected device.
2. Check if the working band is consistent with other devices.
3. Repeat the operations of Step 1.

Scene 3 ***Two interconnection groups:***

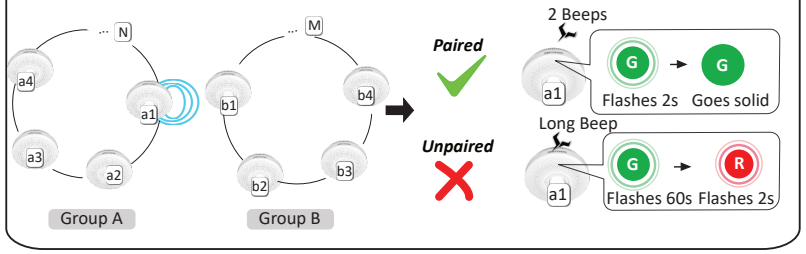
Step 1 Respectively select one alarm from every group. Press and hold the two alarms for 5s until 3 beeps and release.



Step 2 Short press the Button of any alarm in the Group A until 1 beep in 60s.



Step 3 Alarm a1 and Alarm b1 of two groups are pairing.



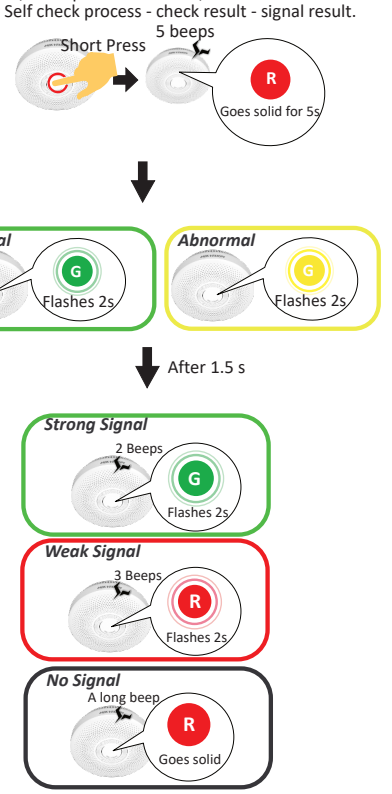
How to Solve Unpaired Situation

If it is unpaired, you can
1. Check if the alarm is interconnected device.
2. Check if the working band is consistent with other devices.
3. Repeat the operations of Step 1.

Test

Self Check

In **Standby** status, short press the **Button**, alarm starts to self check.
Test sequence: Self check process - check result - signal result.



Simulate to Alarm

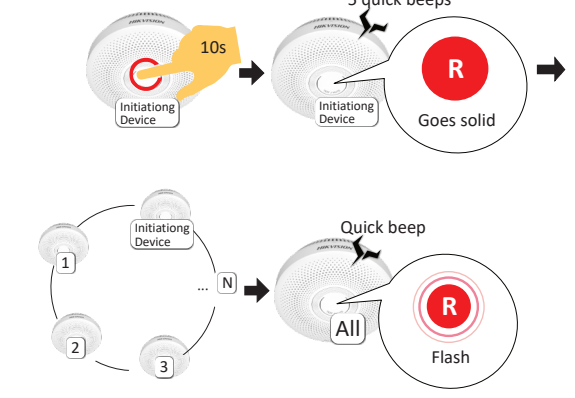
Simulate to alarm before installation to ensure the alarm can be work properly. If not, please contact the supplier in time.

Trigger: Press the **Button** on any interconnected smoke alarm (initiating device) for 10s, the red light is on and buzzer beeps 5 times quickly. After other interconnected devices receive the signal in the group, they all start to alarm. Their red lights flash and buzzers beep quickly.

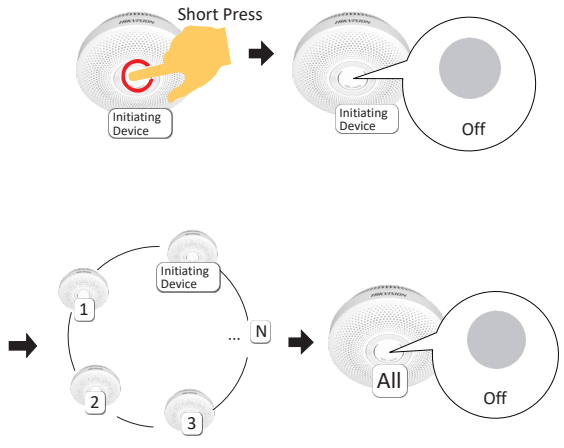
*If the initiating device does not trigger other devices' alarms, please check the signal strength of the installation position.

Mute: Short press the **Button** on the initiating device to mute all alarms.

Trigger



Mute



Hangzhou Hikvision Digital Technology Co., Ltd

Address: No.555, Qianmo Road, Binjiang District, Hangzhou 310052, China

Tel: 0086 400-800-5998

Installation

Installation Location

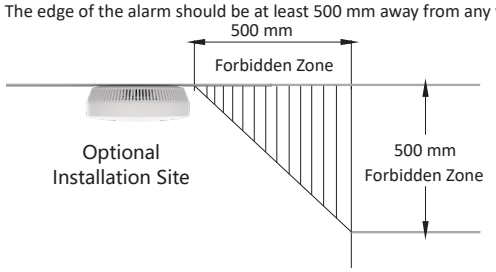
Notification

1. Before installation, confirm that the device and other mounting parts are in good condition.
2. The device should be operated by qualified personnel.
3. Do not install the device in new or renovated buildings until all work is completed. (Dust and debris from building work can contaminate the smoke chamber).
4. Install multiple devices if the installation location (such as ceiling) is longer than 32.81 ft (10 meters).
5. The installation location should be at least 30 cm away from the path of strong electrical wires to prevent small insects from gathering due to phototaxis, causing smoke maze pollution and alarms.
6. The installation of this device cannot replace proper installation.

• Where Not to Install:
- Damp and humid areas such as kitchen, hot water heater, and bathroom.
- Outdoors.
- In places with low or unstable signal strength.
- In places with fast air circulation such as near fans, vents, open windows.
- Dusty, dirty, or insect infested areas.
- Hot and greasy areas such as stoves.
- Places within 1.64 ft (0.5 meters) of the alarm that is obstructed by an object..
- Within 4.92 ft (1.5 meters) of fluorescent lights.
- In places without air circulation such as apexes of ceilings, corners of the rooms.
- Places with significant temperature changes or with temperatures below 0 ˚C.
- Places that may generate smoldering fires or cause significant losses if a fire is not reported in a timely manner.
- In high or inconvenient places.

For Flat Roof

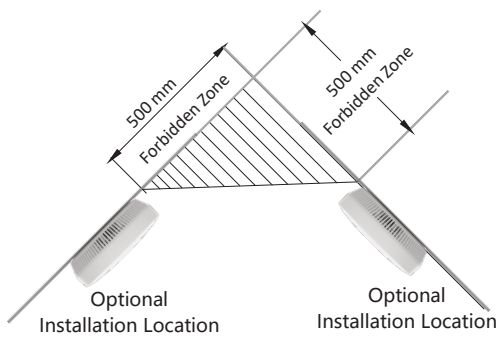
The edge of the alarm should be at least 500 mm away from any wall.



*A single device can cover a 15 meters * 15 meters indoor environment (through one load-bearing wall or one floor slab); when multiple devices are distributed relatively evenly, the signal can cover a maximum of a 3-story * 300 square meter environment.

For Gable Roof

When mounting the alarm device on the top of a gable roof, the distance between the top and the edge of the device should be at least 500 mm.



Installation Methods

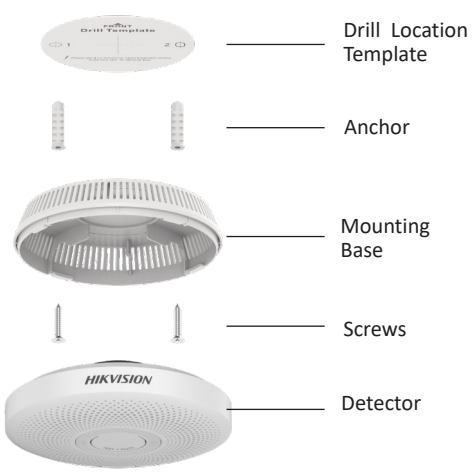
1. Screws Fixed (Recommended)

❶ Stick the drilling template onto a clean and flat ceiling surface.

❷ Drill screw holes according to the template, and insert the anchors.

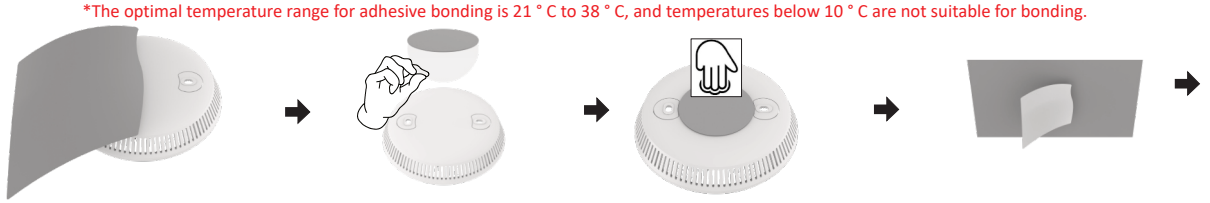
❸ Align the U-shaped holes corresponded to the amounting base to the anchors, and then fix the mounting base with the screws.

❹ Rotate the detector clockwise to completely lock the buckles of the detector and lock grooves on the mounting base.



2. Adhesive Fixed

*The optimal temperature range for adhesive bonding is 21 ° C to 38 ° C, and temperatures below 10 ° C are not suitable for bonding.



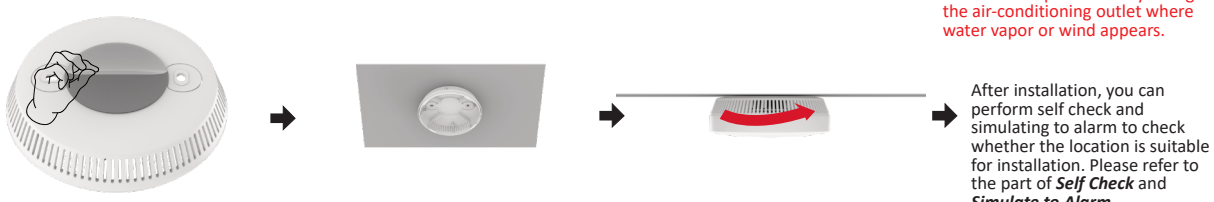
Step 1
Clean adhesive area with tissue.

Step 2
Tear off one side of release paper.

Step 3
Press adhesive to remove air.

Step 4
Clean installation surface with tissue.

*The recommended installation surface is a smooth glass surface, metal surface, wooden surface, or a reliable latex paint surface; Do not choose a place directly facing the air-conditioning outlet where water vapor or wind appears.



Step 5
Tear off another side of release paper.

Step 6
Stick onto the installation surface.
*The adhesive strength can only reach 90% within 24 h. It is recommended to install the alarm on the installation plate after 24 h.

Step 7
Rotate the alarm and finish installation.

After installation, you can perform self check and simulating to alarm to check whether the location is suitable for installation. Please refer to the part of ***Self Check*** and ***Simulate to Alarm***.

Functions

Smoke Alarm

In **Standby** status, when the smoke concentration reaches the alarm threshold, the alarm will trigger an alarm signal.
Alarm status: The buzzer beeps quickly; The indicator light is red and always on.
*In **Smoke Alarm** status, after the smoke dissipates, the device exists **Smoke Alarm** status and enter **Standby** status. If two or more devices are in the **Interconnected Smoke Alarm** status, after the smoke dissipates around one device, the other devices are still in the **Smoke Alarm** status, then the one device will be in **Interconnected Smoke Alarm** status.

Mute

a) When non-initiating devices are in **Interconnected Smoke Alarm** status, press Button or remote control button to mute non-initiating devices. Initiating device stays **Smoke Alarm** status, which can locate the alarm. Then press Button of initiating device or remote control button to mute all alarms.

b) When initiating device is in **Smoke Alarm** status, press its Button or remote control button twice to mute the device and all the interconnected devices. (Press the button on remote control for the first time to mute non-initiating devices, and press it again to mute the initiating device.)

*When multiple initiating devices trigger smoke alarm, all initiating devices should be muted sperately to make all devices muted.
Mute status: The buzzer will stop beeping; The light is red and it will turn off when the smoke dissipates.
Mute cycle: After the alarm is muted, if the smoke concentration that caused the alert continues, the alarm will reactive after about 12 mins.

Smoke Alarm Reset

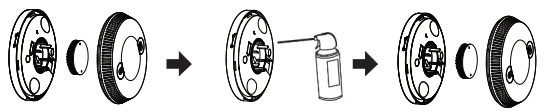
When in the mute status, short press Button of initiating device to resume the **Standby** status, and all the interconnected devices reset to the **Standby** status.

Factory Reset

In **Standby** status, keep pressing Button for 5s, the buzzer beeps 3 times and the alarm enter **Pairing** status, then quickly press Button for 3 times in 2s.
Result: The buzzer beeps 2 times and green light flashes 2s. Group ID and **Paired** status are cleared.

Maze Cleaning

When the alarm generates a maze pollution fault, the top cover and dust cover can be opened to clean the maze. After cleaning, carry out self check to confirm if the detector is clean. After successful cleaning, the dust cover and top cover should be installed back in sequence.



Disassemble — Clean with dust removal spray — Installment

Specification

Function	
Interconnection alarm	Yes
Mute	Yes
Pollution fault	Yes
Low battery	Yes
Test	Yes
Battery uninstalled indicator	Yes
Smoke alarm	Yes
Max. number of interconnected units	30 pcs
Radio communication range	Up to 1,000 m in an open space.
General	
Power supply	3V DC, battery CR17450 (Sealed Battery)
Battery capacity	2600mAh
Execution standard	EN 14604:2005/AC:2008; EN 14604: 2005; AS 3786:2023
Standby current	≤ 12 μA
Alarm current	≤ 50 mA
Alarm mode	Audible & visual alarm
Alarm sound level	≤ 85 dB@3 m (A-Weighted)
Battery life	Ten-year battery life under normal operation*
Operation temperature	-10 °C to 55 °C (14 °F to 131 °F)
Operation humidity	≤ 95% relative humidity (RH)
Dimension (ϕ × H)	105 mm × 35 mm (4.13" × 1.38")
weight	120.0g (0.26 lb) (with battery)
Installation	Ceiling mounted
Communication mode	Smoke Alarm-HS-S3E-R(S): 433 MHz Smoke Alarm-HS-S3E-R8(S): 868 MHz

* Under normal room temperature conditions (15-25°C), with good network signal coverage (3 bars or more), the heartbeat cycle is not less than 10 days. Conduct a self-check once a month. Handle alarms promptly within 4 minutes, with one alarm test per month.

English
Regulatory Compliance and Safety Information

Read all information and instructions in this document carefully before using the device and keep it for further reference.
For more device information and instructions, please visit our website at https://www.hikvision.com. You can also refer to other documents (if any) accompanying the device or scan the QR code (if any) on the packaging to get more information.

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EXPOSURE TO RADIO FREQUENCY RF
The frequency bands and transmitting power (radiated and/or conducted) nominal limits for the following radio equipment are as follows:
HF-S3E-R/HK-S3E-R/HS-S3E-R: GFSK(433.1MHZ-434.7MHZ): 10mW
HF-S3E-R8/HK-S3E-R8/HS-S3E-R8: GFSK(865.1MHZ-868.6MHZ): 25mW

Safety Information
Please read all the safety information carefully before using.
- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- Correctly install and maintain the detector. Although detector can help save lives by providing an early warning of a fire, they are not a substitute for an insurance policy. Home owners should have adequate insurance to protect their lives and properties.
- Install the detector according to the instructions in this manual.
- Please do not place the device in areas that children can touch.
- The detector has multiple power supplies. Please disconnect all power supplies during maintenance.
- Please power off during device wiring and installation.
- Do not place exposed flame sources, such as lit candles, on the device.
- To ensure the normal detection of the detector, do not use a large amount of items such as mousse, insecticides, diluents, etc. that can produce gel like suspended solids near the detector.
- To reduce the risk of fire or electric shock, do not let indoor equipment be exposed to rain or moisture.
- Please do not drop objects onto the device or vigorously vibrate the device, and keep the device away from locations with magnetic field interference. Avoid installing the device in a place that is prone to surface vibration or impact.
- This product is only used to detect the gas concentration in the surrounding environment of the equipment. When the product is in good operating condition, if gas occurs leakage, the detector can emit sound and light alarm signals.
- The carbon monoxide alarm information with a silent alarm device should include a warning. If there is any doubt about the cause of the alarm, it should be assumed that the alarm is caused by the hazardous level of carbon monoxide and residential areas should be evacuated.
- Carbon monoxide is harmful to the body. This device may not be able to prevent the chronic effects of carbon monoxide exposure, and it may not fully protect individuals in special danger.
- If there is any doubt about the cause of the alarm, it should be assumed that the alarm is caused by the hazardous level of carbon monoxide and residential areas should be evacuated.
- Keep the packing so that in case of any problem, pack the detector in its original packing and send it to the agent or return it to the factory for disposal.
- If the detector does not work properly, contact the dealer or the nearest service center. Never attempt to disassemble the detector yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)