



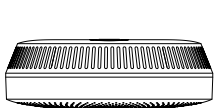
Smoke Alarm

User Manual

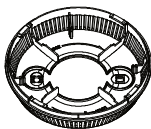
Product Information

Pack List

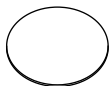
*All device's appearances are subject to the one you bought.



Detector × 1



Mounting Base × 1



Adhesive × 1

Anchors × 4
(φ5.5 × 25)

Screws × 4 (KA3.5×25)



Drill Template

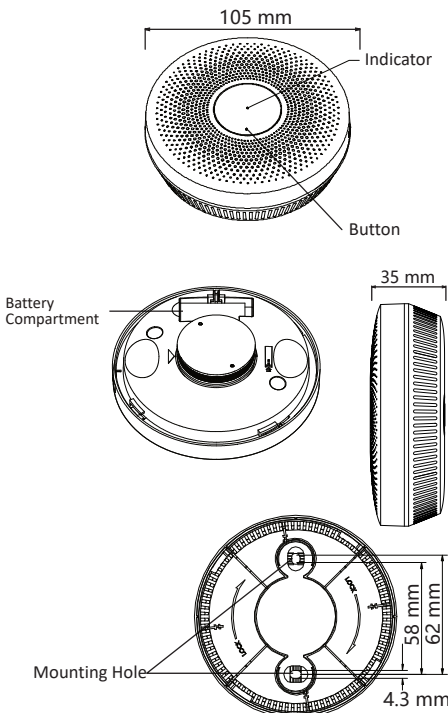


Battery



User Manual × 1

Appearance



Indicator Description

Mode	Indicator	Buzzer
Standby	Flash once/90 s	Off
Fire Alarm	Always on	Long beep
Low Battery	Flash once /40 s	Short beep every 40 s
Pollution Alarm	Flash once/40 s	Off

Installation

Power on Detector

- Remove the battery cover.
 - Remove the plastic insulated bag, and then install the battery according to anode and cathode marks.
 - Install the battery cover.
- If you need to replace the battery, please purchase CR123A battery.

Self Check

After install or replace the battery, test the detector before installation to ensure that the buzzer and LED indicator light are in good conditions. If not, please contact the supplier in time. In standby mode, short press the **Button**, the detector enters the test mode.

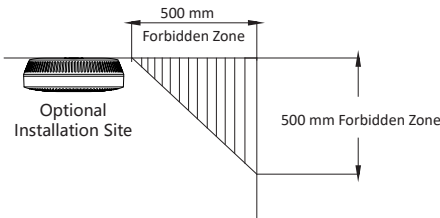
Test mode: The buzzer beeps for 5 times, and the red indicator is always on, which indicates that all are working properly.

Select Appropriate Location Notification

- Before installation, confirm that the detector and other mounting parts are in good condition.
 - The device should be operated by qualified personnel.
 - Do not install the detector in new or renovated buildings until all work is completed. (Dust and debris from building work can contaminate the smoke chamber).
 - Install multiple detectors if the installation location (such as ceiling) is longer than 32.81 ft (10 meters).
 - 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.
 - 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.
 - Forced air supply ducts for heating or cooling, ventilating fans, or other high air flow areas.
 - 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.
 - Dead air spaces 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.

For Flat Roof

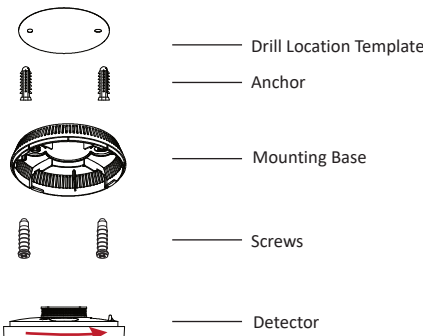
The edge of the detector should be at least 500 mm away from any wall.



Installation

1. Screws Fixed (Recommended)

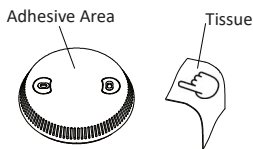
- Stick the drilling template onto a clean and flat ceiling surface.
- Drill screw holes according to the template, and insert the anchors.
- Align the U-shaped holes corresponded to the amounting base to the anchors, and then fix the mounting base with the screws.
- Rotate the detector clockwise to completely lock the buckles of the detector and lock grooves on the mounting base.



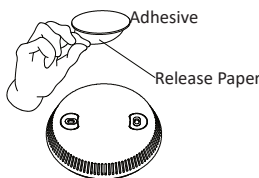
2. Adhesive Fixed

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

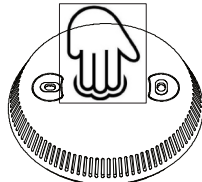
- Clean the adhesive area corresponding to the installation plate.



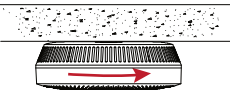
- After cleaning, immediately remove one side of the release paper from the adhesive and stick it to the corresponding area of the installation plate. Do not touch the adhesive with fingers.



- Press the adhesive back and forth with your fingers to remove air between the adhesive and the installation plate, improving the adhesive strength.



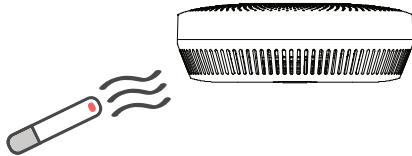
- Clean the installation surface to remove dust, oil, and water stains.
***The recommended installation surface is a smooth glass surface, metal surface, wooden surface, or a reliable latex paint surface; Do not choose a place directly facing the air-conditioning outlet where water vapor or wind appears; For rough walls or other rough walls that are not suitable for using adhesive, please use screws to fix them.**
- Tear off the other side of release paper on the installation plate, immediately stick it onto the clean installation surface, and press the installation plate to remove air.
- Rotate the alarm in the direction shown in the diagram, fix it to the installation base, and complete the installation.
***The adhesive strength can only reach 50% within 20 minutes, 90% within 24 hours, and 100% within 72 hours. It is recommended to install the alarm on the installation plate after 24 hours.**



Testing

1. Testing Method

Put the litten cigarette or other smoke-producing items close to the detector, make the smoke into the inlet hole of the detector till the detector triggers an alarm.



2. Testing Result

After the smoke reaches a specified concentration, the detector will trigger an alarm, and the LED indicator will flash and the buzzer will beep for a long time.

- After the testing is finished, you can blow the smoke inside of the detector inlet holes away to lower the smoke concentration, and then the detector will stop alarming and resume to standby state.

Operations

Smoke Alarm

In standby mode, when the smoke concentration reaches the response threshold, the alarm will generate an alarm signal.
Alarm status: The buzzer beeps for a long time; The indicator light is red and always on.

Silence Feature

In the alarm mode, short press the button to silent the alarm or mute by infrared remote control

Silencing mode: The buzzer will stop alarm; The indicator light is red and always on.

Silencing cycle: After the alarm is silenced, if the smoke concentration that caused the alert continues, the alarm will reactive after 12 mins.

* Infrared remote control only supports alarm mute.

Reset

When in the silence mode, short press the button to resume the standby mode.

In alarm mode, if the smoke dissipates, the alarm mode will be deactivated and the alarm will automatically resume to the standby mode.

Specification

Function	
Interconnection Alarm	No
Hush	Yes
Mazedirty alarm	Yes
Lowvoltage alarm	Yes
Test	Yes
Battery uninstalled indicator	Yes
Smoke alarm	Yes
General	
Power supply	3 V DC, battery CR123A(replaceable)
Battery capacity	1600 mAh
Execution Standard	EN 14604:2005/AC:2008 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	103.7 g (0.23 lb) (with battery)
Installation	Ceiling mounted

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.

About this Document

- This Document includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only.
- The information contained in the Document is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of the Document at the Hikvision website (<https://www.hikvision.com>). Unless otherwise agreed, Hangzhou Hikvision Digital Technology Co., Ltd. or its affiliates (hereinafter referred to as "Hikvision") makes no warranties, express or implied.
- Please use the Document with the guidance and assistance of professionals trained in supporting the Product.

About this Product

This product can only enjoy the after-sales service support in the country or region where the purchase is made.

Acknowledgment of Intellectual Property Rights

- Hikvision owns the copyrights and/or patents related to the technology embodied in the Products described in this Document, which may include licenses obtained from third parties.
- Any part of the Document, including text, pictures, graphics, etc., belongs to Hikvision. No part of this Document may be excerpted, copied, translated, or modified in whole or in part by any means without written permission.
- Hikvision and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions.
- Other trademarks and logos mentioned are the properties of their respective owners.

LEGAL DISCLAIMER

- TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS DOCUMENT AND THE PRODUCT DESCRIBED, WITH ITS HARDWARE, SOFTWARE AND FIRMWARE, ARE PROVIDED "AS IS" AND "WITH ALL FAULTS AND ERRORS". HIKVISION MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE. THE USE OF THE PRODUCT BY YOU IS AT YOUR OWN RISK. IN NO EVENT WILL HIKVISION BE LIABLE TO YOU FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA, CORRUPTION OF SYSTEMS, OR LOSS OF DOCUMENTATION, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY, OR OTHERWISE, IN CONNECTION WITH THE USE OF THE PRODUCT, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.
 - YOU ACKNOWLEDGE THAT THE NATURE OF THE INTERNET PROVIDES FOR INHERENT SECURITY RISKS, AND HIKVISION SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER-ATTACK, HACKER ATTACK, VIRUS INFECTION, OR OTHER INTERNET SECURITY RISKS. HOWEVER, HIKVISION WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED.
 - YOU AGREE TO USE THIS PRODUCT IN COMPLIANCE WITH ALL APPLICABLE LAWS, AND YOU ARE SOLELY RESPONSIBLE FOR ENSURING THAT YOUR USE CONFORMS TO THE APPLICABLE LAW. ESPECIALLY, YOU ARE RESPONSIBLE FOR USING THIS PRODUCT IN A MANNER THAT DOES NOT INFRINGE ON THE RIGHTS OF THIRD PARTIES, INCLUDING WITHOUT LIMITATION, RIGHTS OF PUBLICITY, INTELLECTUAL PROPERTY RIGHTS, OR DATA PROTECTION AND OTHER PRIVACY RIGHTS. YOU SHALL NOT USE THIS PRODUCT FOR ANY PROHIBITED END-USES, INCLUDING THE DEVELOPMENT OR PRODUCTION OF WEAPONS OF MASS DESTRUCTION, THE DEVELOPMENT OR PRODUCTION OF CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.
 - IN THE EVENT OF ANY CONFLICTS BETWEEN THIS DOCUMENT AND THE APPLICABLE LAW, THE LATTER PREVAILS.
- © Hangzhou Hikvision Digital Technology Co., Ltd. All rights reserved.

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 the 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.
- This is a Class A product, which may cause radio interference in the living environment. In this case, users may be required to take practical measures against interference.
- 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.)

BATTERY INSTALLATION and REPLACEMENT

Install Battery

Tear off the battery insulation, put the battery into the battery holder and insert it to the end.

Replace Battery

Remove the battery from battery holder and replace it with the CR123A battery purchased by a regular manufacturer after 30 seconds. Test the detector for correct operation using the TEST/SILENCE button whenever the batteries are replaced after re-fitting the detector onto the battery holder. If the detector is not working properly, please contact the technical support.

- CAUTION:** Risk of explosion if the battery is replaced by an incorrect type.
- Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
- Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
- Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.
- Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
- Dispose of used batteries according to the instructions.
- identifies the battery holder itself and identifies the positioning of the cell(s) inside the battery holder.
- + identifies the positive terminal(s) of equipment which is used with, or generates direct current. - identifies the negative terminal(s) of equipment which is used with, or generates direct current.