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About this Manual

The Manual 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 Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>). Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: [www.recyclethis.info](http://www.recyclethis.info)



replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);  
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;  
- leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and  
- a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: [www.recyclethis.info](http://www.recyclethis.info)



## Warning

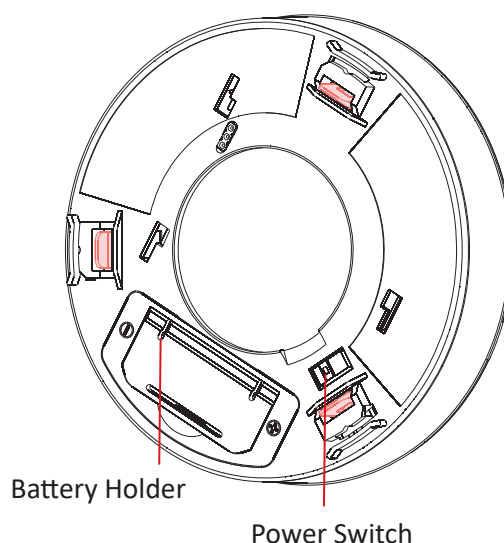
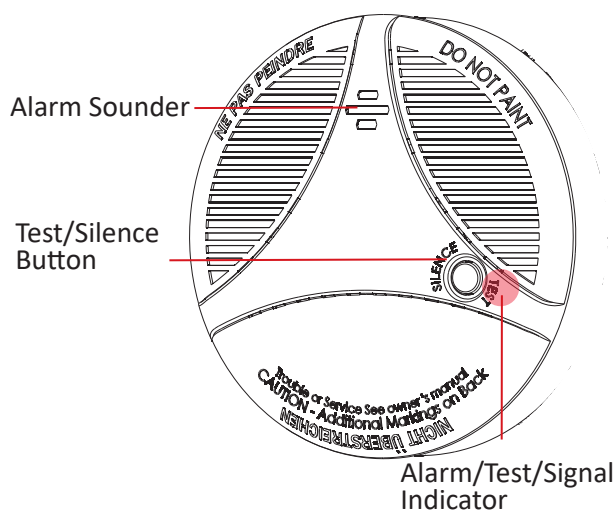
1. Do not ingest battery, Chemical Burn Hazard
2. Keep new and used batteries away from the children.
3. If the battery compartment does not close securely, stop using the product and keep it away from children.
4. This product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and lead to death.
5. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.



## Caution

1. Risk of fire or explosion if the battery is replaced by an incorrect type.
2. Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
3. 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.
4. 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.
5. Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
6. Dispose of used batteries according to the instructions

## 1 Appearance



Battery + - Mark

- + 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.

## 2 Enrollment

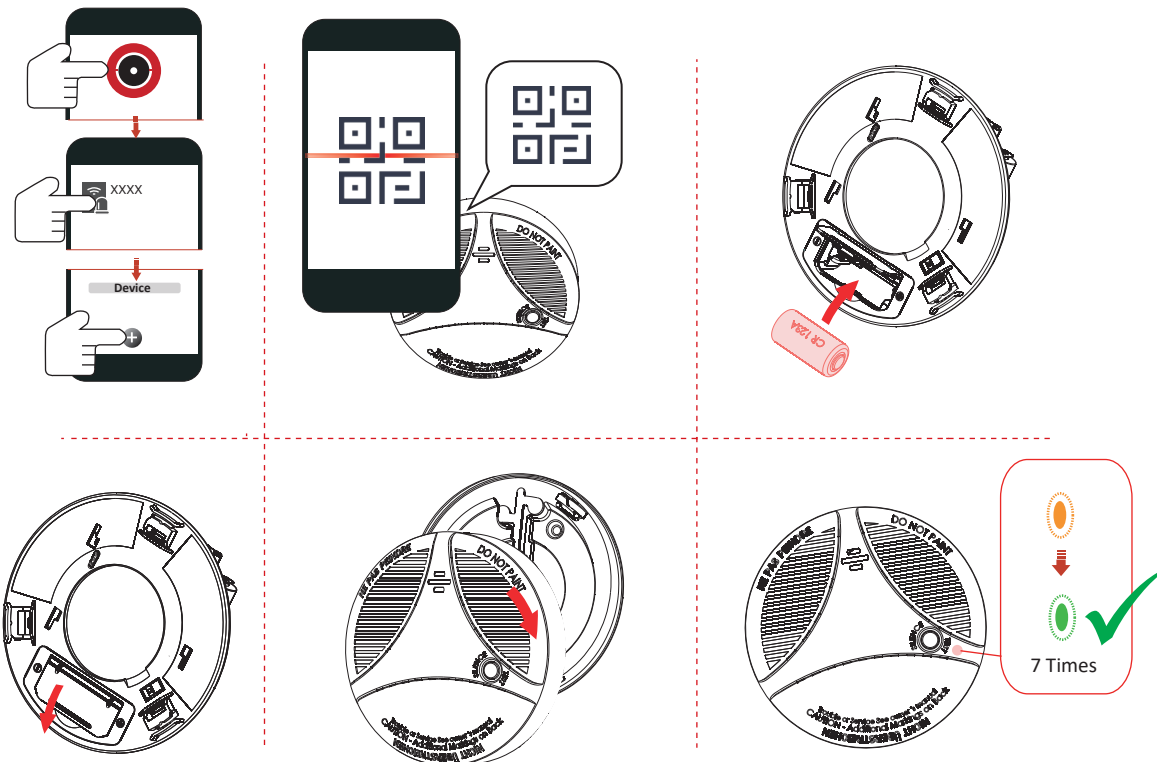
1. Download and install the App from the APP Store.
2. Power on the security control panel.
3. Log in the APP and tap the icon "+" . Scan the QR code or input the control panel serial No. to add the control panel.

### 1 Enroll the Peripheral Locally

1. In the APP, tap the "Enrollment Mode" button on the control panel page to make the control panel enter the enrollment status.
2. Remove the rear panel, install the battery, and turn clockwise to install the front panel back.
3. Power on the peripheral, and it will be automatically enrolled to the control panel.

### 2 Enroll the Peripheral with QR and serial No.

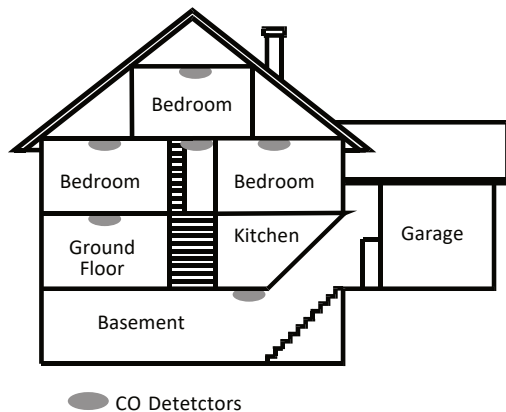
1. In the APP, tap the icon "+" and scan the QR code or serial No. on the peripheral.
2. Remove the rear panel, install the battery, and turn clockwise to install the front panel back.
3. Power on the peripheral, and it will be automatically enrolled to the control panel.



## 3 Installation Locations

Since CO gas moves freely in the air, the suggested location is in or as near as possible to sleeping areas of the home. The human body is most vulnerable to the effects of CO gas during sleeping hours. For maximum protection, a CO detector should be located outside primary sleeping areas or on each level of your home. The electrochemical sensor detects carbon monoxide, measures the concentration and sounds a loud alarm before a potentially harmful level is reached.

Location for placing CO detectors for a multi floor residence



**CAUTION:** This alarm is only intended to be ceiling mounted or no more than 12 inches below the ceiling.

**CAUTION:** This alarm will only indicate the presence of carbon monoxide gas at the sensor. Carbon monoxide gas may be present in other areas.

**CAUTION:** The user shall actuate the test and/or alarm reset/silence feature remotely (via an electronic signal or aerosol test gas), or by use of a person's finger or thumb, and that the use of any other instrument(s) is strictly prohibited.

### WARNING! !

This product is intended for use in ordinary indoor locations of family living units. It is not designed to measure compliance with Occupational Safety and Health Administration (OSHA) commercial or industrial standards. OSHA has established that continuous exposure levels of 50ppm should not be exceeded in an 8 hour period. Individuals with a medical problem may consider using warning devices which provide audible and visual signals for carbon monoxide concentrations under 30ppm.

## 4 Installation

### 1. Check Signal Strength

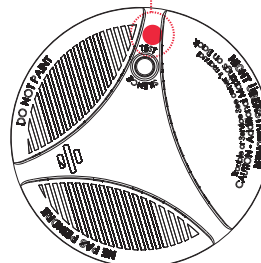
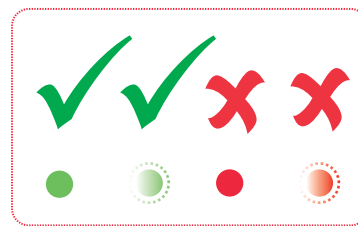
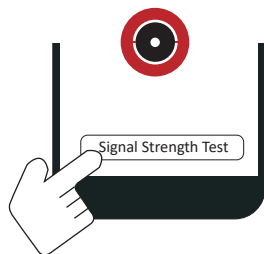
Enter the signal checking mode by operating on the control panel.

Strong Signal - Good for installation

Medium Signal - Ok for installation

Weak Signal - Not proper for installation

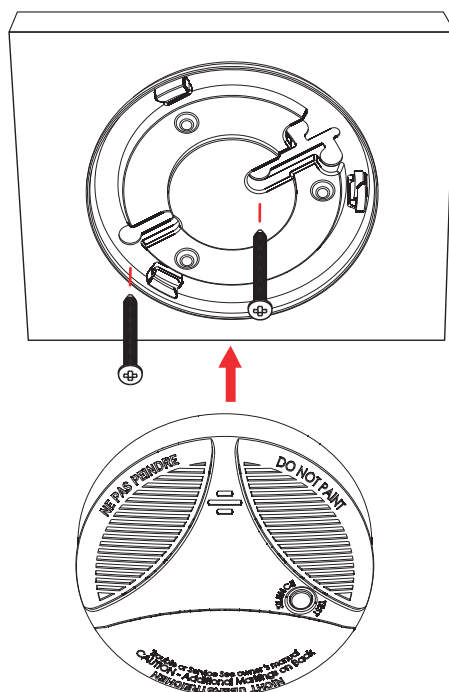
Lost Signal - Not proper for installation



### 2. Install the Detector.

Using the two screws and plastic wall plugs (all supplied), attach the bracket to the wall.

Line up the slot of the bracket and the CO detector. Push the CO detector onto the mounting bracket and turn it clockwise to fix it into place, and when the bracket was installed would activate power for ten-year type. Pull onward on the CO detector to make sure it is securely attached to the mounting bracket.



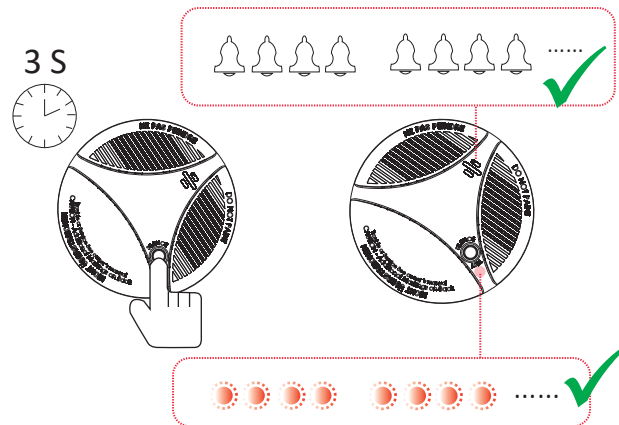
## 5 Features

**CO ALARM:** The alarm pattern is four short alarm sirens with four corresponding flashes of the red LED light every five seconds for the initial four minutes, and after the initial four minutes, this pattern will repeat every sixty seconds. This pattern will repeat until the CO event is eliminated. The CO sensor is designed to detect carbon monoxide gas from ANY source of combustion. It is NOT designed to detect any other gas.

**SILENCE FEATURE:** The silence feature can temporarily quiet the siren for several minutes, and the LED still flashes according to correspond alarm. You can silence the CO alarm by pressing the Test/Silence button on the detector. The CO alarm will remain silent for up to 4 minutes. After 4 minutes, if the CO levels remain dangerous, the siren will be sounding again.

**TEST FEATURE:** Please press Test/Silence button to test the CO detector once after the installation is complete, and please test CO detector at least once a week to ensure the detector is working properly.

Pressing the Test/Silence button, The test alarm pattern is four short alarm sirens with four corresponding flashes of the red LED light repeat two cycles.



**LOW BATTERY WARNING:** When the batteries are low and need to be replaced, the device will beep and the yellow LED light will flash once every 50 seconds. This warning should last for up to 30 days, the detector must be replaced and deactivated immediately.

**CO TROUBLE WARNING:** The CO trouble pattern is one siren beep with two corresponding flashes of the yellow LED light every 50 seconds. This pattern indicates the unit needs to be replaced.

**HUSH FEATURE:** The hush feature can temporarily quiet the siren for one hour, and the LED still flashes according to correspond warning signal. You can silent/restore any warning signal by pressing the Test/Silence button on the warning signal.

*(Note: The Low battery warning can't be silenced)*

**END OF PRODUCT LIFE WARNING:** The device will one beep with four corresponding flashes of the yellow LED light every fifty seconds. This indicates that the detector must be replaced and deactivated immediately. The end-of-life is set ten-year when the user places the unit into service.

## 6 Set Up with App

You can view the device status including temperature, signal intensity, battery level, lid, etc., on the device page. Tap the  button to enter the settings page.

## 7 Deactivation

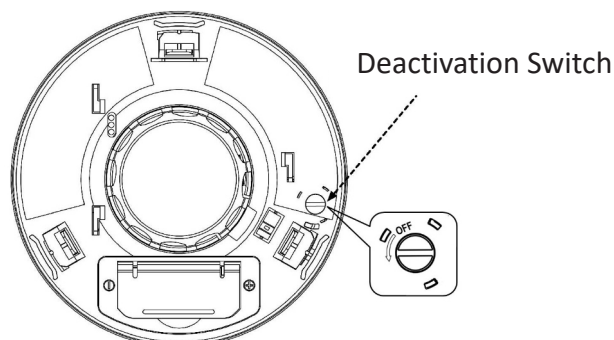
When disposing of the detector, the detector must be deactivated which discharges the battery to a safe level for disposal.

Please follow these steps to deactivate your detector:

1. Please remove your detector from mounting bracket.
2. Tear off "**Deactivation Switch**" sticker.
3. Turn the deactivation switch to "**OFF**" location with a screw driver in the direction indicated by the arrow on back of the detector. This will disable the detector.

### **WARNING:**

1. Deactivation of the detector is permanent. Once the detector has been deactivated, it cannot be reactivated.
2. Once deactivated the detector will NO LONGER DETECT SMOKE and Carbon Monoxide.
3. Once the detector is deactivated the battery will be depleted and the detector will no longer function.
4. Once the detector has been deactivated, it cannot be mounted onto the mounting plate or reactivated.



## 8 Operation Caution and Device Maintenance

- All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.
- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Please make sure that the power has been disconnected before you wire, install or dismantle the device.
- If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Do not place the device in extremely hot (refer to the specification of the device for the detailed operation temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
- The device for indoor use shall be kept from rain and moisture.
- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
- Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.
- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
- Do not expose the device to the corrosive gas. Otherwise the equipment damage may occur.
- Do not expose the device to the explosive situation.
- To keep your CO detector in good working order, please follow these simple steps. Verify alarm siren, LED lights, and battery operation by pushing the test buttons at least once a week. Remove the device from the mounting bracket and vacuum the detector cover and vents with a soft brush attachment once a month to remove dust and dirt. Reinstall immediately after cleaning and then test using the tests button. Never attempt to disassemble the unit or clean inside of it as this will void your warranty. Never use detergents or solvents to clean the unit. When household cleaning supplies or similar contaminants are used, the area must be well ventilated. The following substances can damage the sensors and may cause false reading: methane, propane, isobutene, isopropanol, ethyl acetate, hydrogen sulfide, sulfide dioxides, alcohol base products, paints, thinner, solvents, adhesives, hair spray, after shave, pertume, and some cleaning agents. Do not paint the detector. Paint will seal the vents and interfere with its ability to detect smoke and CO. Move the detector prior to performing any of the following: staining or stripping wood floors or furniture, painting, wall papering, using adhesives. Store the detector in a plastic bag during any of the above projects to help protect the sensors from damage. Make sure to reinstall the detector once done so as to assure continuous protection.

## 9 Specification

|                                   |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| Detection method                  | Carbon Monoxide Sensor                                    |
| Tamper protection                 | Rear                                                      |
| Environment temperature indicator | Support                                                   |
| Signal strength indicator         | Support                                                   |
| self-health check                 | Support                                                   |
| alarm sound interlink             | Support                                                   |
| Power switch                      | Power Up Enrolling                                        |
| LED indicator                     | Red (Alarm)                                               |
| Buzzer                            | ≥ 85dB @ 3 m                                              |
| Transmission technology           | Two-Way RF Wireless                                       |
| Transmission frequency            | 433/868 MHz                                               |
| Transmission security             | AES-128 Encryption                                        |
| Transmission range(free space)    | WB: 1 Km<br>WE: 1.6 Km                                    |
| Enrolling method                  | Power up, Remote ID, QR Code                              |
| Standard battery life             | 10 years for standalone sensor<br>5 years for RF wireless |
| Power supply                      | Battery Powered                                           |
| Battery type                      | Replaceable CR123A x 1 for RF Wireless                    |
| Typical voltage                   | 3V                                                        |
| Operation temperature             | -10 °C to 50 °C (14 °F to 122 °F)                         |
| Storage temperature               | -20 °C to 60 °C (-4 °F to 140 °F)                         |
| Operation humidity                | 10% to 90%                                                |
| Dimension (D × D)                 | φ120 × 42 mm                                              |
| Weight                            | 194.5 g                                                   |
| Mounting method                   | Ceiling                                                   |
| Application scenario              | Indoor                                                    |