

Curtain

User Manual

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Chapter 1 Description

Choose either DS-PDC10DM-EG2-WB(WE) or DS-PDC15-EG2-WE according to your actual needs for details.

Chapter 2 DS-PDC10DM-EG2-WB(WE)

DS-PDC10DM-EG2-WE/WB
Wireless Dual-Tech AM Curtain Detector

HIKVISION

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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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The additional force shall be equal to three times the weight of the equipment but not less than 50N. The equipment and its associated mounting means shall remain secure during the installation. After the installation, the equipment, including any associated mounting plate, shall not be damaged.

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

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

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

Chemical burning danger

Do not swallow the battery.

Keep new and used batteries away from the children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

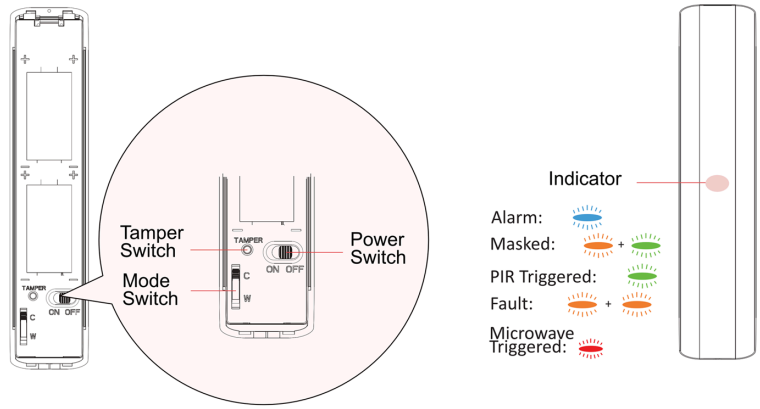
Risk of explosion if battery is replaced by an incorrect type.

Replacement of a battery with an incorrect type that can defeat a safeguard.

Dispose of used batteries according to the instructions and local regulation.

If the battery compartment does not close securely, stop using the product and keep it away from children.

1 Appearance



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2 Enrollment

- Enrollment Preparation

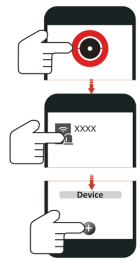
Log in to the APP Store, download and install the App.
Power on the security control panel.
Log in the APP and tap the icon "+" . Scan the QR code or input the control panel serial No. to add the control panel.

1 Enroll the Peripheral Locally

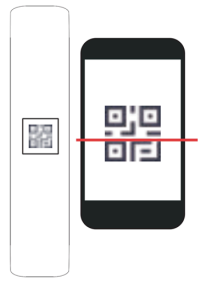
In the APP, tap the "Enrollment Mode" button on the control panel page to make the control panel enter the enrollment status.

2 Enroll the Peripheral with QR and serial No.

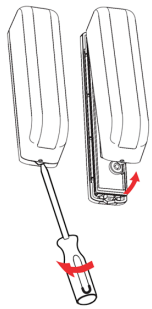
In the APP, tap the icon "+"and scan the QR code or serial No. on the peripheral.



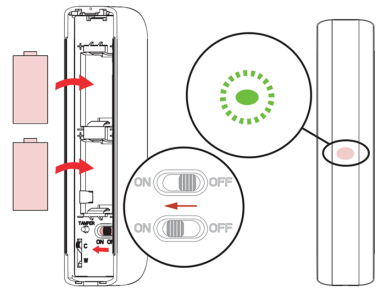
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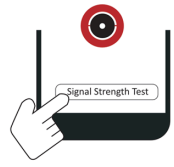


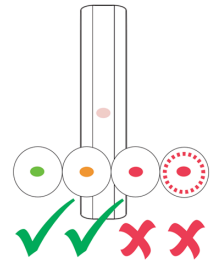
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3 Installation

- Check Signal Strength

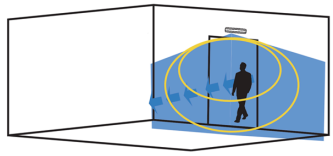
Solid Green for 3 s - Strong Signal
Solid Orange for 3 s - Medium Signal
Solid Red for 3 s - Weak Signal
Flash Red for 6 times - Lost Signal

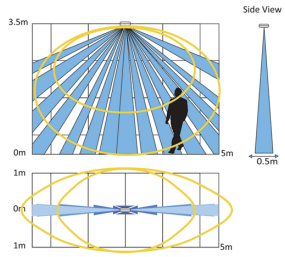


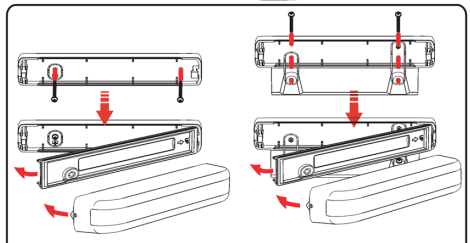


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Ceiling Mounting



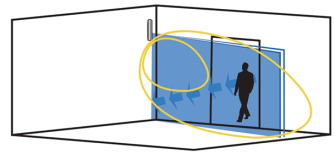


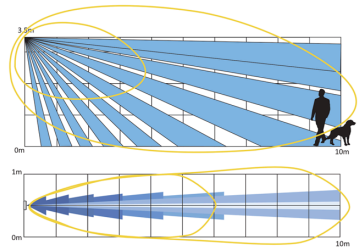


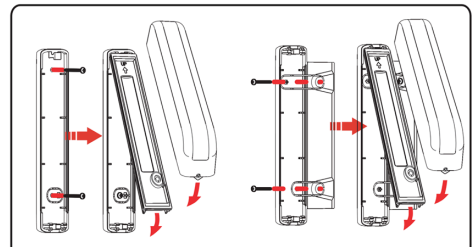
Mounting with the general mounting plate.

Mounting with L-mounting plate.

Wall Mounting



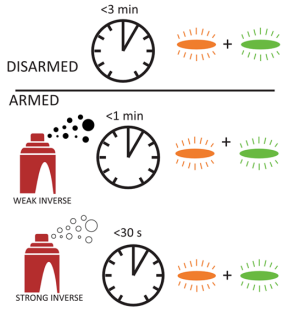


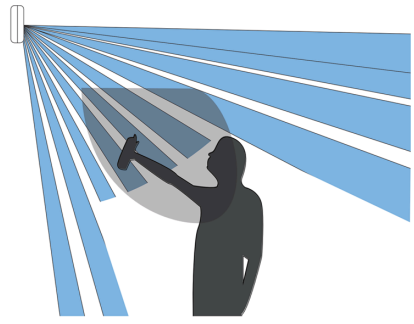


Mounting with the general mounting plate.

Mounting with L-mounting plate.

4 Anti-Masking Alarm





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5 Set Up with App

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

6 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.

7 Specification

Detection Range	Wall Mount: 10m Ceiling Mount: 5m
Auto Sensitvity	Yes
Pet Immunity	Wall Mount: 12Kg Ceiling Mount: None
Microwave Frequency	24GHz (24.15 to 24.25GHz)
Tamper Protection	Front,Rear
LED Indicators	Green(PIR), Red(Microwave), Green+Orange(Mask), Blue(Alarm)
Operation Temperature	-25 °C to 60 °C (-13 °F to 140 °F)
Storage Temperature	-25 °C to 60 °C (-13 °F to 140 °F)
Operation Humidity	10% to 90%
Mounting Height	2 to 3.5m
Dimension (WxHxD)	29.2 mm x 134.4 mm x 39.5 mm
Weight	120g
Transmission Frequency	433/868 MHz
RF range	1 km (free space)
Battery Type	CR123A × 2 (included)
Standard Battery Life	5 Years
Low Battery Voltage	2.45 V
Current	Max. current: 24mA Quiescent current: 25uA
Bracket	L-shaped adapter included

UD25547B

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Chapter 3 DS-PDC15-EG2-WE

DS-PDC15-EG2-WE
Wireless Curtain Detector

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EN 50131-1:2006+A2:2017
EN 50131-2-2:2017
EN 50131-5-3:2017

Security Grade(SG) 2
Environmental Class(EC) II
Certified by Telefication

telefication

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About this Manual
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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

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

1 Appearance

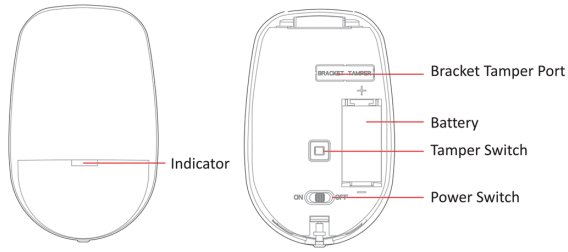
CAUTION

IF THE BATTERY COMPARTMENT DOES NOT CLOSE SECURELY, STOP USING THE PRODUCT AND KEEP IT AWAY FROM CHILDREN.

CAUTION

CHEMICAL BURNING DANGER
DO NOT SWALLOW THE BATTERY
KEEP NEW AND USED BATTERIES AWAY FROM THE CHILDREN.

IF YOU THINK BATTERIES MIGHT HAVE BEEN SWALLOWED OR PLACED INSIDE ANY PART OF THE BODY, SEEK IMMEDIATE MEDICAL ATTENTION.



CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
REPLACEMENT OF A BATTERY WITH AN INCORRECT TYPE THAT CAN DEFEAT A SAFEGUARD.

CAUTION

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS AND LOCAL REGULATION.

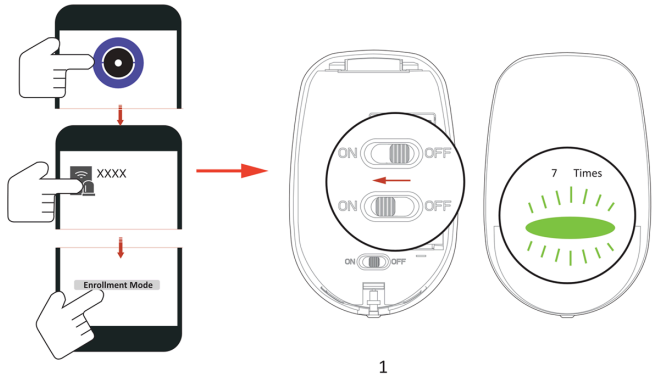
2 Enrollment

Note: The enrollment progress will be completed in 3 to 10 seconds normally.

1. Log in to the APP Store, download and install the App.
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

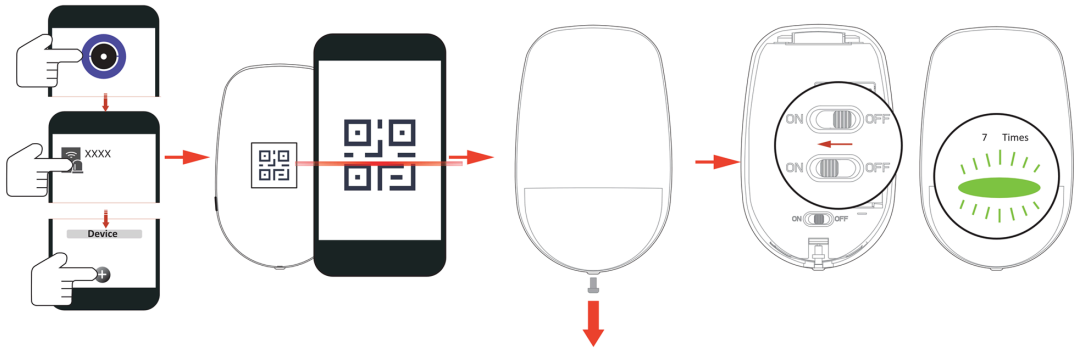
1. In the APP, tap the "Enrollment Mode" button on the control panel page to make the control panel enter the enrollment status.
2. Loosen the screw and remove rear panel.
3. Power on the peripheral, and it will be automatically enrolled to the control panel.



1

❷ Enroll the Peripheral with QR and serial No.

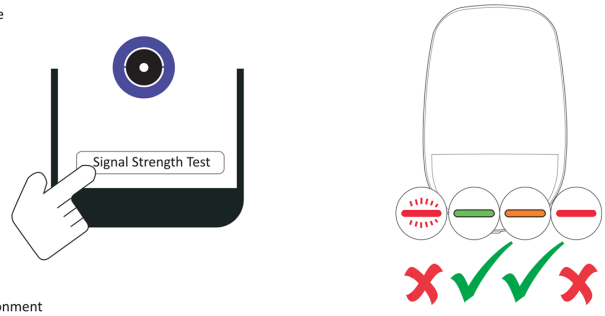
1. In the APP, tap the icon "+"and scan the QR code or serial No. on the peripheral.
2. Loosen the screw and remove rear panel.
3. Power on the peripheral, and it will be automatically enrolled to the control panel.



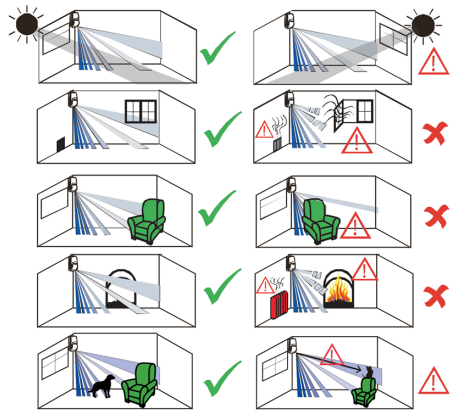
Note: Hold the tamper button, and make the device power off and then power on for re-enrollment.

3 Installation

1. Check Signal Strength
Enter the signal checking mode by operating on the control panel. Trigger the detector.
Solid Green for 3 s - Strong Signal
Solid Orange for 3 s - Medium Signal
Solid Red for 3 s - Weak Signal
Red light flashes for 3S - Failure



2. Check the installation environment

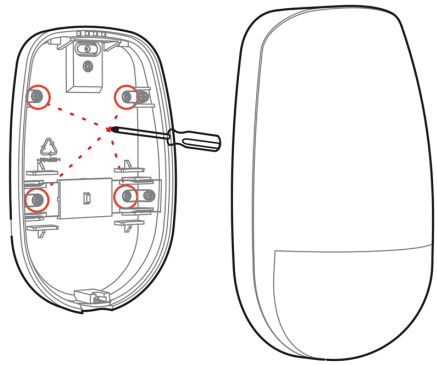


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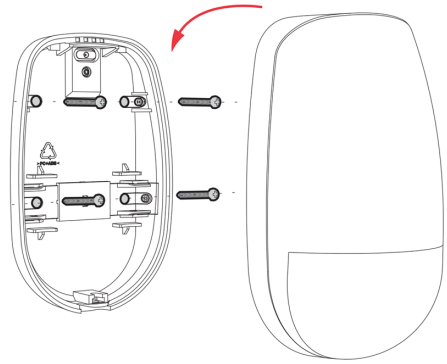
3. Install the Detector
Note: The additional force shall be equal to three times the weight of the equipment but not less than 50N. The equipment and its associated mounting means shall remain secure during the installation. After the installation, the equipment, including any associated mounting plate, shall not be damaged.

with Screws

a. Knock out the screw holes on the rear panel.

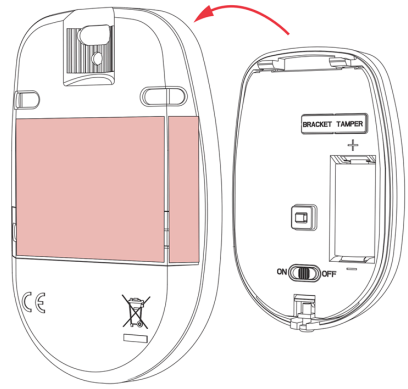


b. Secure the rear panel on the wall with four screws.



with the Sponge Tape

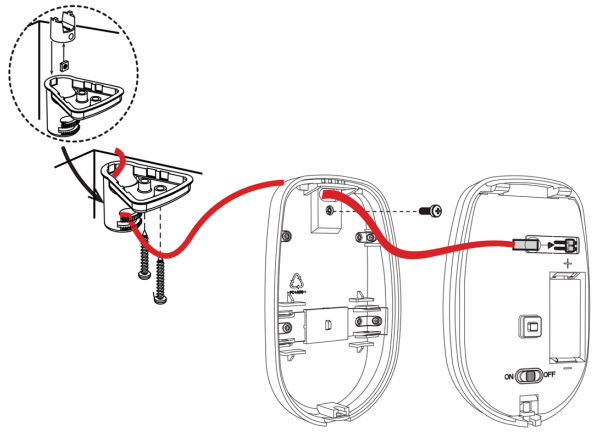
Paste the device on the wall with sponge tape.



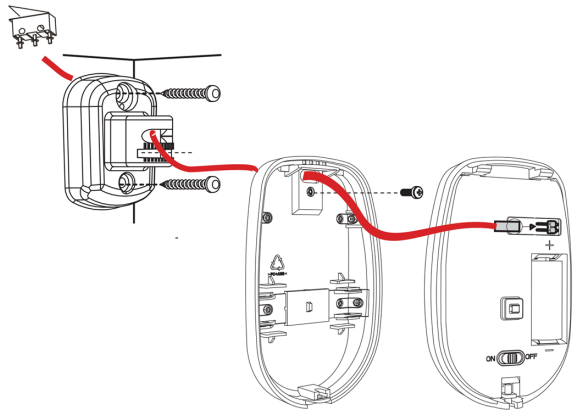
Note: Installing with sponge tape is non EN compliant.

Bracket Installation

Ceiling Bracket Fitting (Non EN compliant)



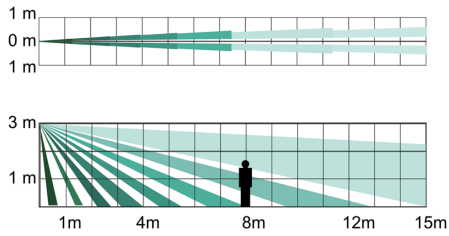
Wall Bracket Fitting

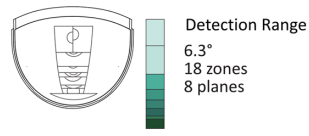


4 Test

Detector zones and planes

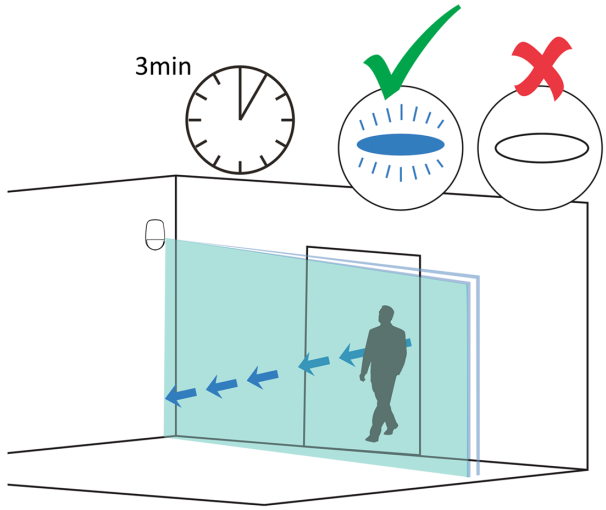
The zones and plans of the PIRCAM are shown below.





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The detector will enter the walk test mode (3 minutes) after being enrolled.
Trigger the detector within the detection range.
If the LED indicator turns blue, the installation position is properly. If the LED indicator is still off, adjust the position of the detector.



5 Formatting

Hold the tamper switch for 8 s and power the device on at the same time. The red LED flashes 3 times when the formatting operation is completed.

6 Set up with App

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

Function	Description
Zone Type	Select the zone type of the detector.
Stay Arm Bypass	Slide to green to bypass the zone from stay arming.
Chime	Slide to green to enable the chime.
Enable Silent Zone	Slide to green to make the zone keep silent while alarm is triggered.
Double Knock	Slide to green to make the zone alarm with double knock.
Cross Zone	If the alarm triggered in both of the linked zones within the set time, two alarm messages will be reported.

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Function	Description
Sensitivity	Set the sensitivity of the detector. Higher sensitivity makes the intruder easier to be detected.
Image Resolution	Set the resolution of the image.
Image in Series	Set the captured image number in series.
Swinger limit activation	Set the limit times of swinger activition .
Trigger Interval, sec	Set the interval of trigger, and the alarm message will not be repeated within the time.
LED	Turn On/Off the LED.
Polling Rate	Set the interval of heartbeat.
Signal Strength Test	Enter the test mode, and view the LED indication.
Detection Zone Test	Enter the test mode, and start walk test.
Zone Bypass	By pass the zone.
Capture	Capture picture manully.

7 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.

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8 Specification

Detection range	15m， 6.3°
Detection speed	0.3 ~ 2 m/s
Auto sensitivity	Yes
Digital Temperature compensation	Yes
Technology	Digital microprocessor based
Sealed optics	Yes
Direct light filter	6500lux
Tamper protection	Front & Back
LED indicator	Blue (alarm)
Encapsulated plastic	Yes
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F) -10 °C to 40 °C (14 °F to 104 °F) Certified
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operating humidity	10% to 90%
Installation height	2.4 to 3.6m
Dimension (W × H × D)	65.5mm × 103mm × 48.5mm
Weight	128g
Bracket	Optional wall & ceiling accessory
Wireless technology	Tri-X Wireless Technology
Programming method	Advanced Wireless Link
LED indicator	On/Off
Environment temperature indicator	Yes
2-way wireless communication	Yes
Transmission frequency	868MHz
Frequency hopping	Multichannel transmisstion
Transmission encryption	AES-128 encryption
Signal strength indicators	Yes
RF range	1.6Km (free space)
Enrolling methods	Power up, Remote ID, QR code
Battery	CR123A x 1 (included)
Standard battery life	5 years
Low Voltage Value	2.45 V
Current	Max. current: 60mA Quiescent current: 32uA (disarmed), 12uA (armed)
PS Type	Type C

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