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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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**CE** This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the Directive 2014/30/EU (EMCD), Directive 2014/35/EU (LVD), Directive 2011/65/EU (RoHS).

Use the power adapter provided by a qualified manufacturer. Refer to the product specification for detailed power requirements.

Use the battery provided by a qualified manufacturer. Refer to the product specification for detailed battery requirements.



Directive 2006/66/EC and its amendment 2013/56/EU (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).



Directive 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)



- 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 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.

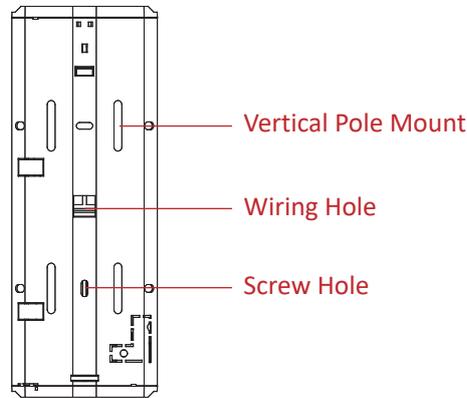
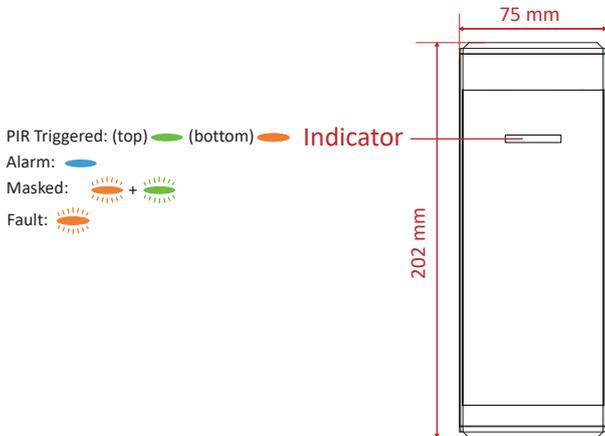


- Install the equipment according to the instructions in this manual.
- To prevent injury, this equipment must be securely attached to the floor/wall in accordance with the installation instructions.
- The additional force shall be equal to three times the weight of the equipment but not less than 50N. 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.



- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- No naked flame sources, such as lighted candles, should be placed on the equipment.

## 1 Appearance

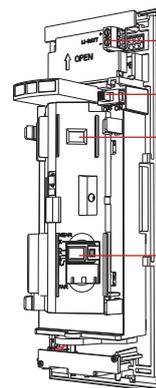
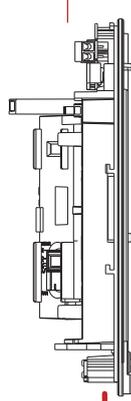
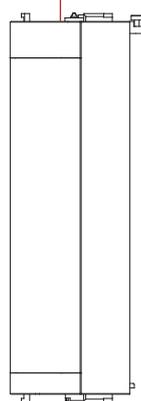


Top/Bottom Cover

Front Panel

PCBA

Rear Panel



Note: The terminals are limited to connecting the designated detector backpack.

- Detector Backpack Terminals
- Power Switch
- PIR Module(Top)
- PIR Module(Bottom)

## 2 Set Up

### 1. Enrollment

#### • Enrollment Preparation

Log in to the APP Store, download and install the App.  
Power on the security control panel.

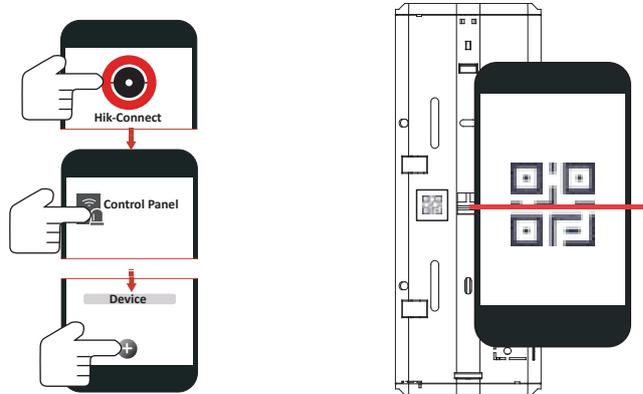
Log in the APP and tap the icon "+". Scan the QR code or input the control panel serial No. to add the control panel.

#### 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.



2. Push the top and bottom covers forward and remove them.

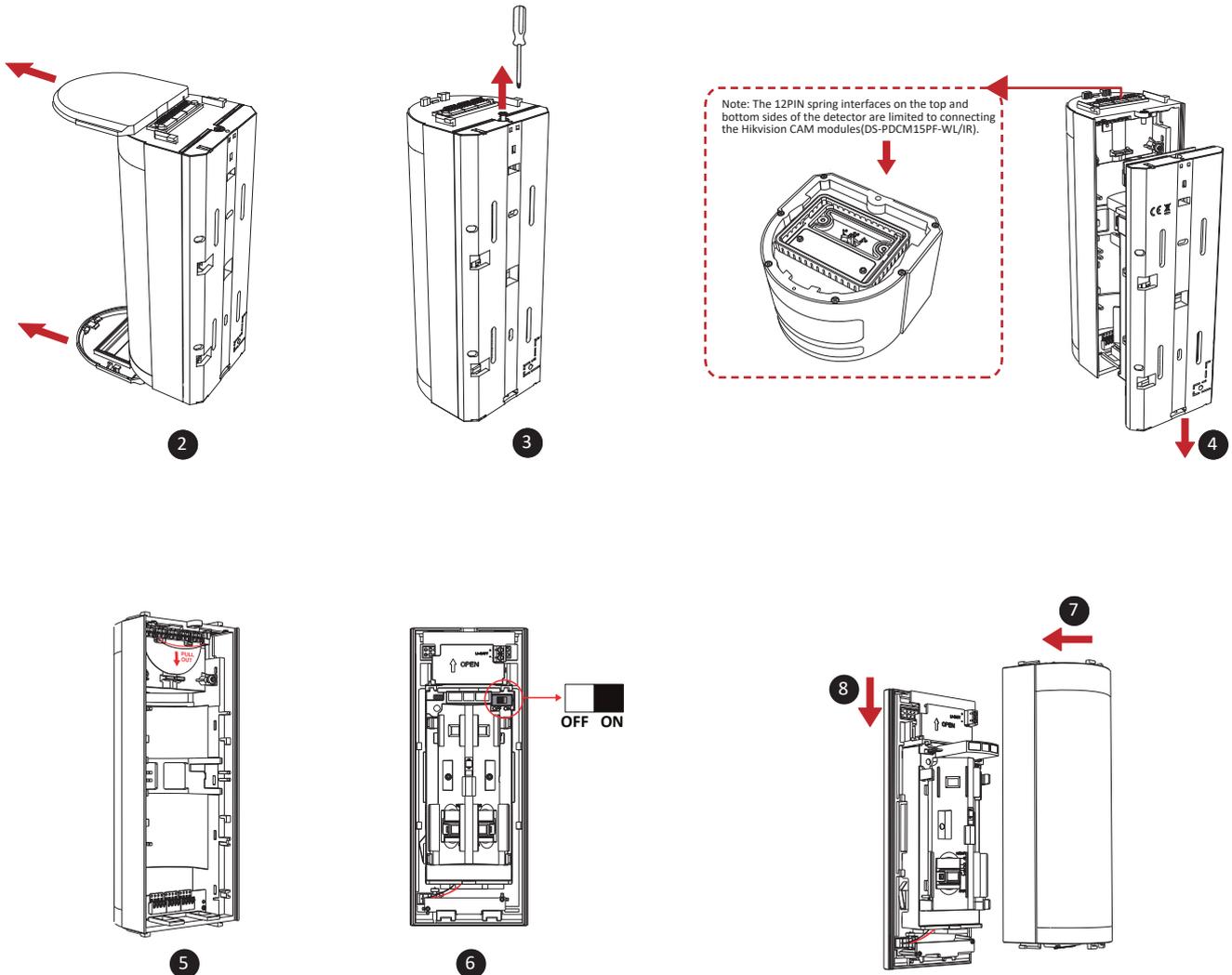
3. Loosen the screw.

4. Push the rear shell and the middle frame downward and remove them.

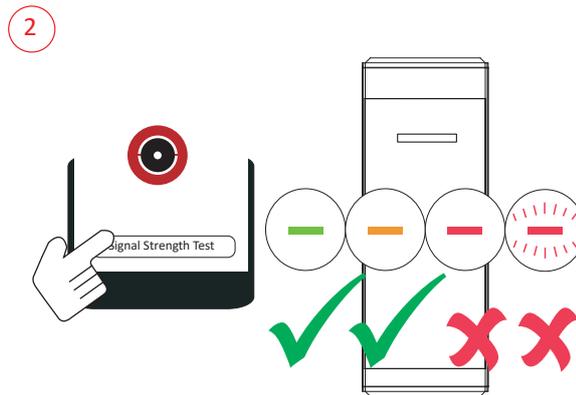
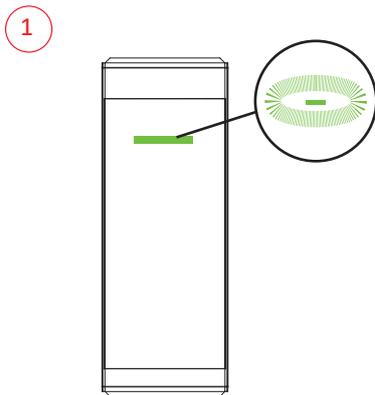
5. Remove the battery insulator.

6. Power on the detector.

7-8. Install the front shell back.

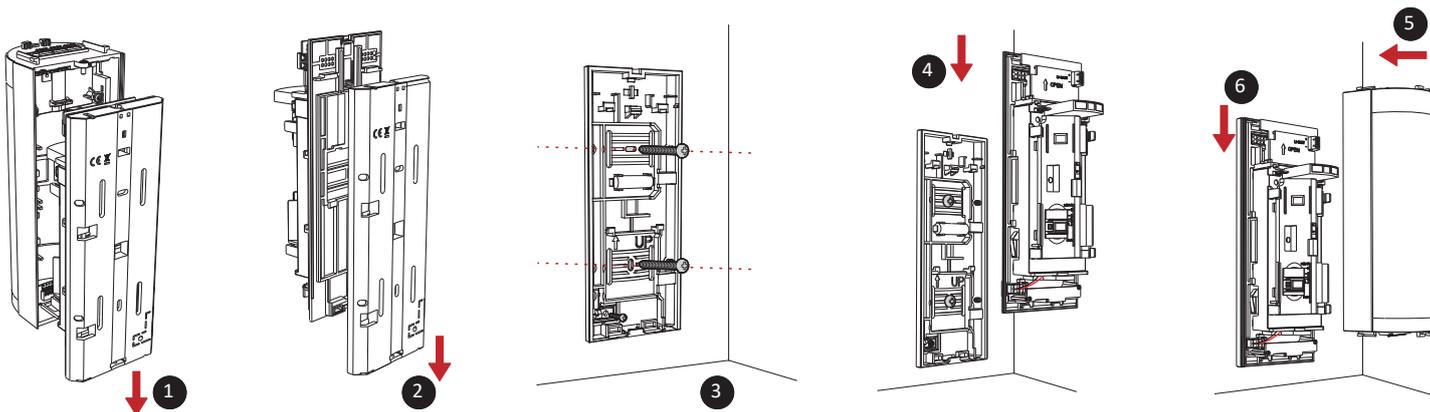


9. Check signal strength.  
 (1) Enrollment succeeded: Flash green for 7 times.  
 (2) Check Signal Strength  
 Solid Green for 3 s - Strong Signal  
 Solid Orange for 3 s - Medium Signal  
 Solid Red for 3 s - Weak Signal  
 Flash Red for 6 times - Lost Signal

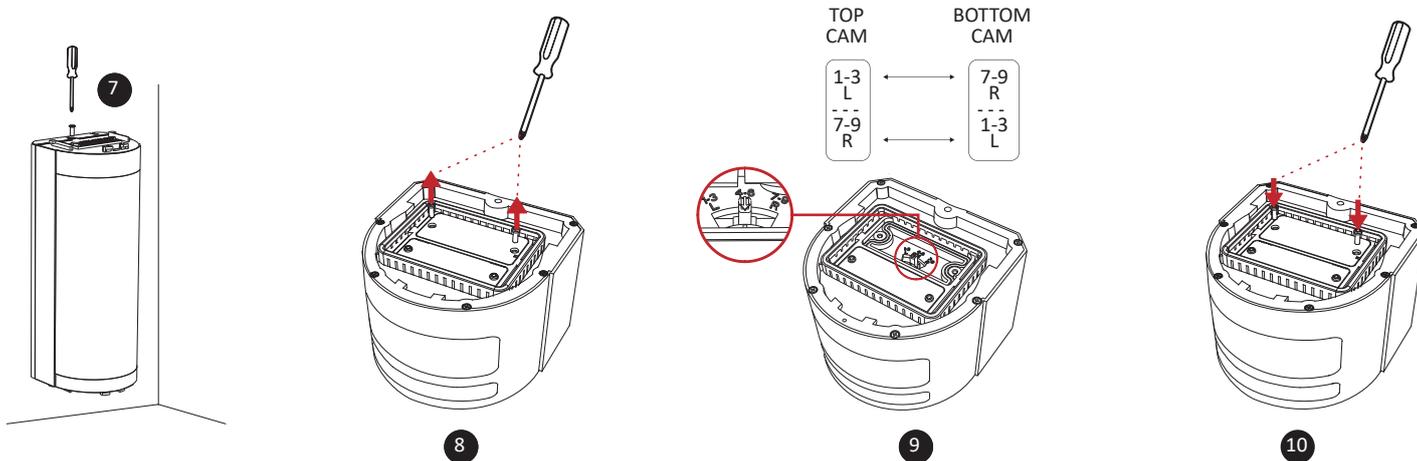


### 3 Installation

1. Push the rear shell and the middle frame downward and remove them again.
2. Separate the rear shell and the middle frame.
3. Secure the rear panel with 2 screws.
4. Install the middle frame back to the rear shell.
- 5-6. Install the front panel back.

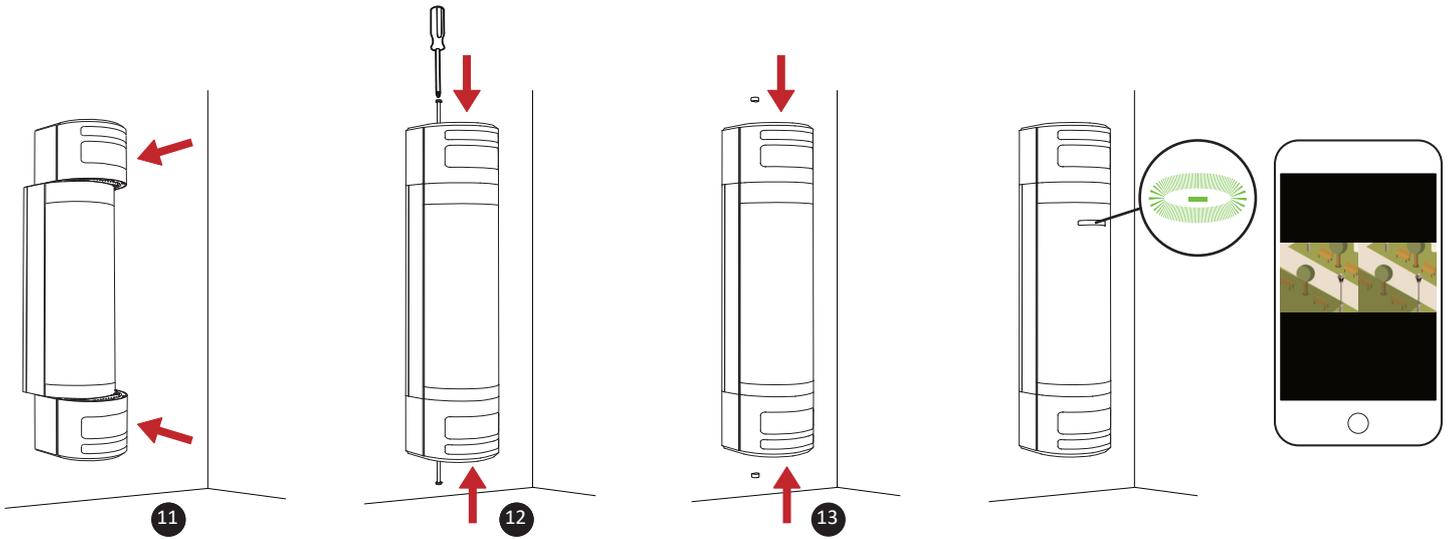


7. Tighten the screw.
8. Loosen the screws of the CAM modules, and open the cover.
9. Adjust the lever of the CAM modules to ensure the angle of the upper and lower modules can cover 180°.
10. Put the cover back and fix it with screws.

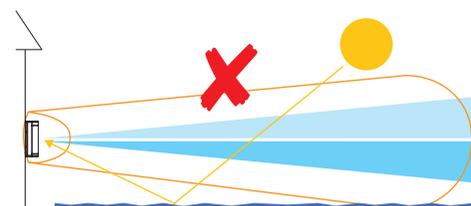
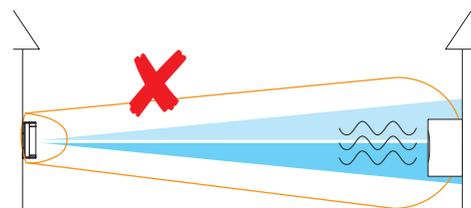
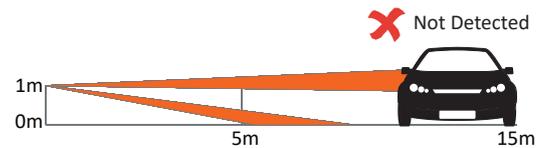
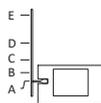
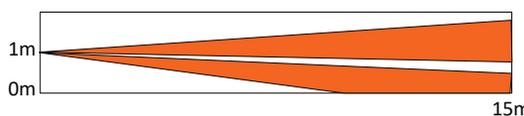
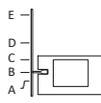
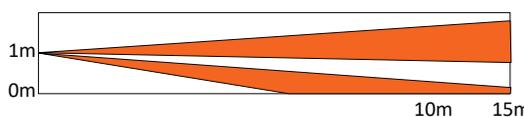
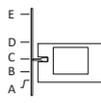
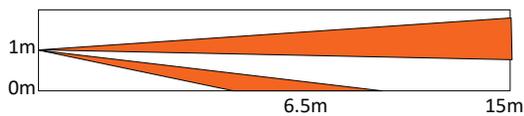
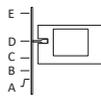
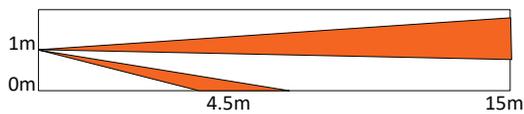
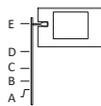
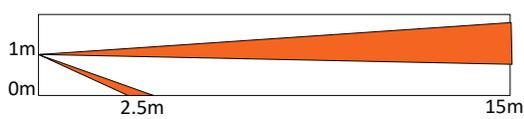
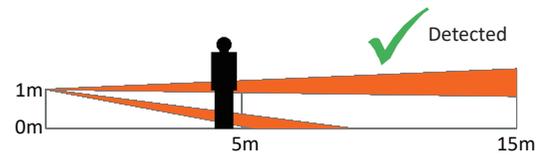
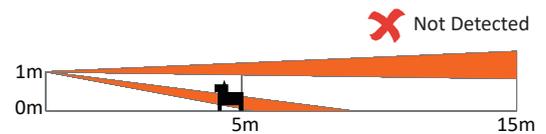
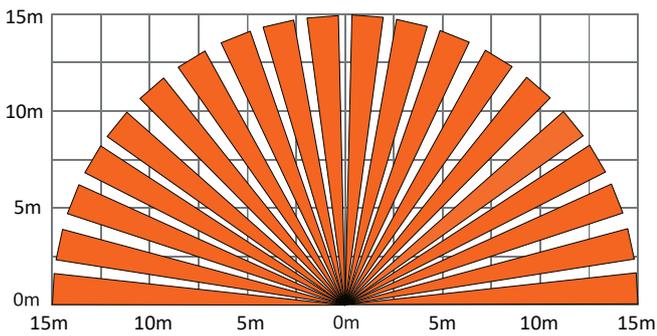


11. Push and fix the CAM modules. Check whether the edges are aligned.
12. Tighten the screws.
13. Put the TPU cover.

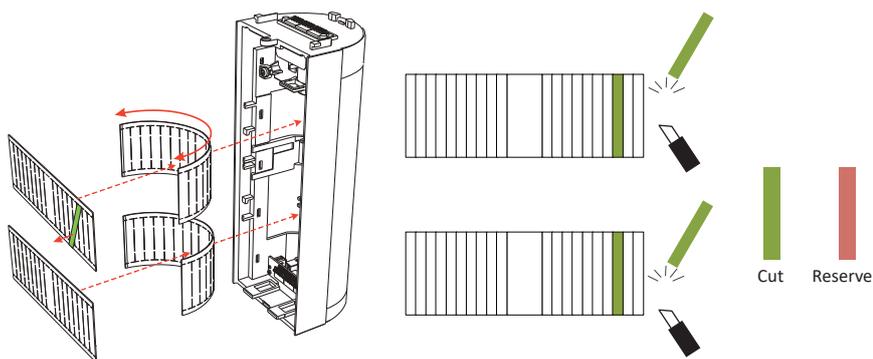
When the CAM modules are successfully added to the control panel, green light flashes. You can see the live video through the APP.



#### 4 Detection Range



Cut off the knockout portion with a cutter knife.  
Stick it on the lens in the corresponding area.



**Masking Seal 1**

**Used As Dual Curtain**

Masking Seal 1 top

Masking Seal 1 bottom

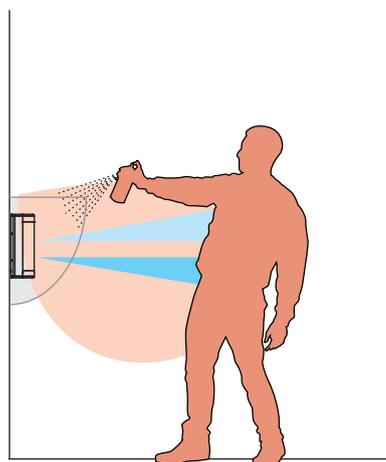
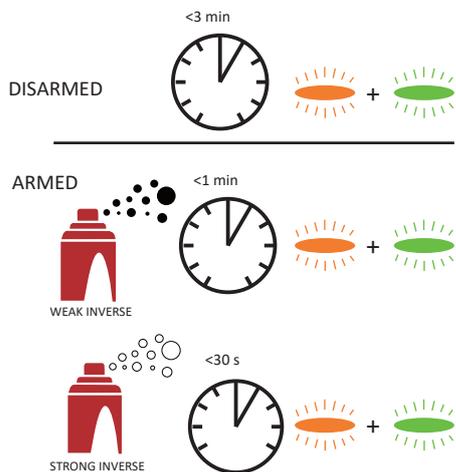
**Masking Seal 2**

**Partially Masked (by trees, etc.)**

Masking Seal 2 top

Masking Seal 2 bottom

## 5 Anti-Masking Alarm



## 6 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.

## 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.

## 8 Specification

Detection Method	Passive Infrared
Detection Range	15 m(12m according to EN50131-2-2)
Detection Angle	180°
Detection Zones	40
Detectable Speed	0.3 to 2 m/s
Sensitivity	Auto, Low
White Light Filter	20000lux
Pet Immunity	Up to 40 Kg
Digital Temperature Compensation	Support
Anti-masking	Support
Adaptable Coverage	Pattern mask included
Digital Processing	Support
Sealed Optics	Support
Tamper Protection	Front, Rear
Environment Temperature Indicator	Support
Signal Strength Indicator	Support
Power Switch	Power Up Enrolling
LED Indicator	Blue(Alarm), Green+Orange(Mask), Orange(Fault)
Transmission Technology	Tri-X Wireless
Transmission Method	Two-Way RF Wireless
Transmission Frequency	868/433 MHz
Transmission Security	AES-128 Encryption
Transmission Range(Free Space)	1.6/1.2 Km
Frequency Hopping	Support
Enrolling Method	Power up, Remote ID, QR Code
Standard Battery Life	5 years in work status (Standalone: being triggered 20 times per day With camera integrated: being triggered and completely uploading captures once per day)
Power Supply	Battery Powered
Battery Type	CR123A × 5
Typical Voltage	3 V
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%
IP Rate	IP65
Dimension(W × H × D)	75 mm × 202 mm × 73 mm
Weight	512.5 g
Mounting Height	0.8 to 1.2m(traditional 1 m)
Mounting Method	Wall
Application Scenario	Outdoor