



DS-PD201PC10-WE&WB&WA PIR-Camera Detector

User Manual

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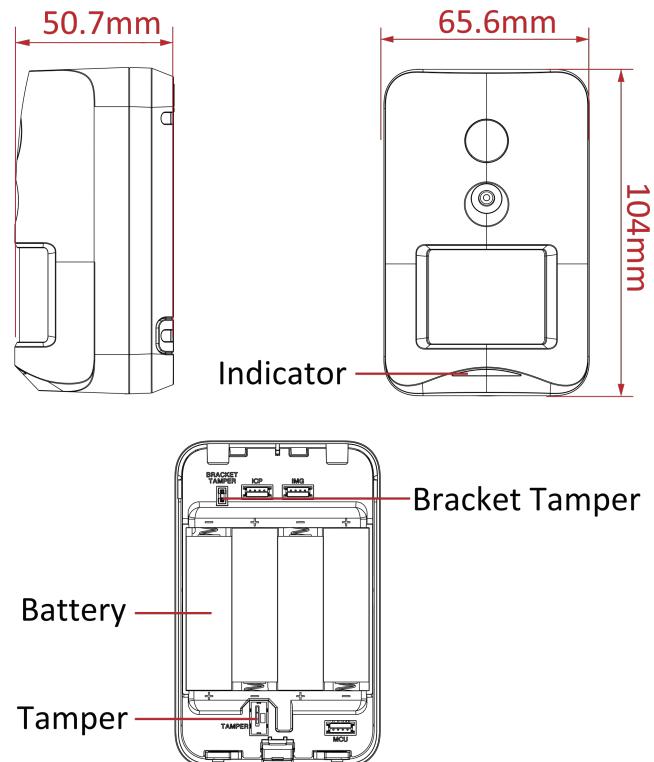
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Chapter 1 Components Introduction

Check components location and name for further use.



- Structures may differ in different models, please refer to the actual product.



Indicator Status	Device Status
Blue LED remains on for 3 s	Alarm
Green LED flashes continuously	Find me
Orange LED flashes	Enrolling
Green LED flashes 7 times	Enrolled

Chapter 2 Enrollment

2.1 Enrollment via App

Steps

1. Download Hik-Connect and log in.
2. Download App and log in.
3. Enroll the control panel to the App.



For more details, refer to the user manual of Hik-Connect App and control panel.

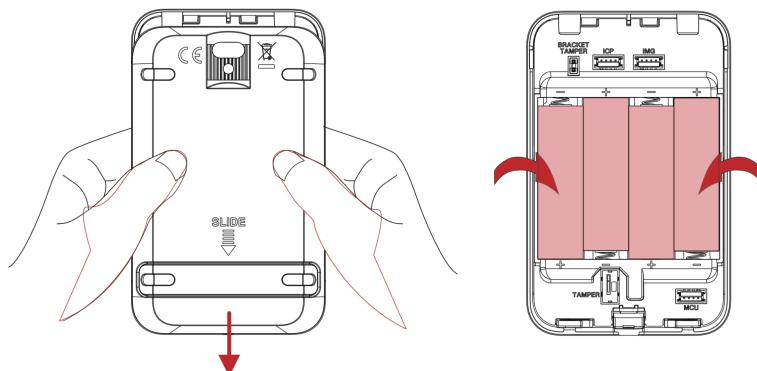
For more details, refer to the user manual of App and control panel.

4. On the device list page, tap **Add Device**.
5. Tap **Device** → **+**.
6. Select adding method.
 - Select **Manual Adding**, scan the QR code or enter the serial No.



The QR code is usually on the back cover of the device.

- Select **Batch Adding**, the device will be enrolled to the control panel automatically.
7. Slide down to remove the rear cover. Install 4 batteries into the device. Orange LED starts to flash.



8. The green LED flashes for 7 times, the device is enrolled.

2.2 Enrollment via Web Browser

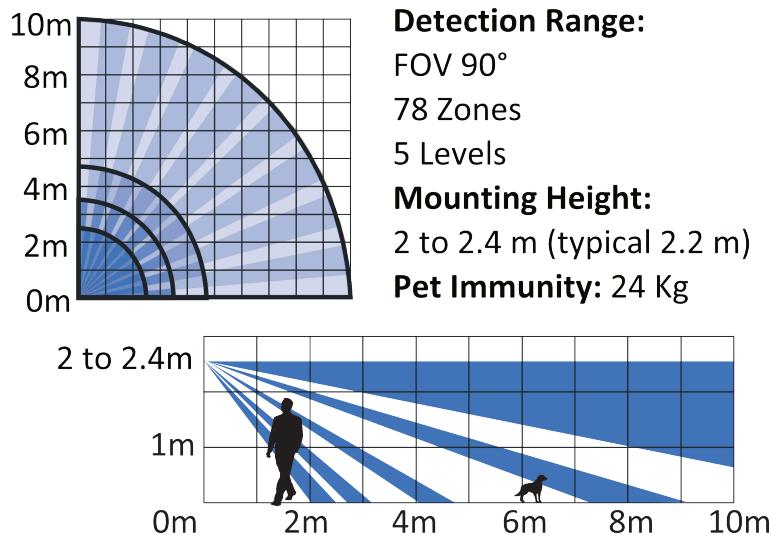
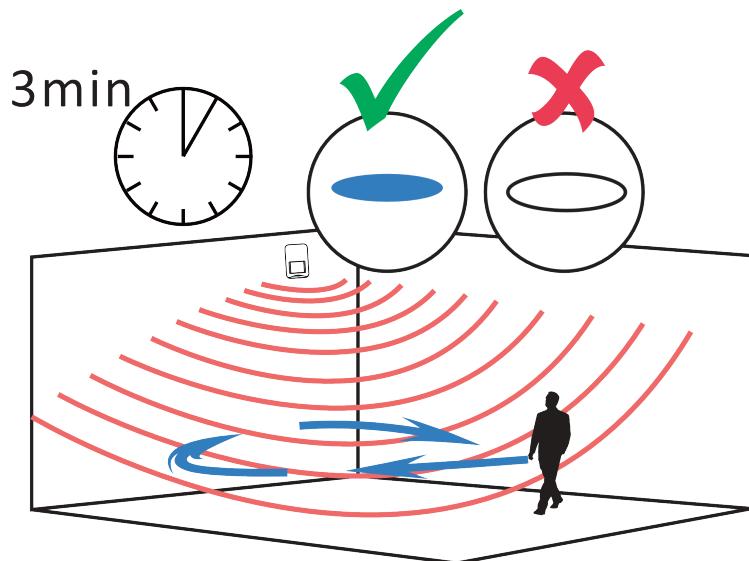
Steps

1. Enter the control panel's IP address in the address bar of the mobile browser and press **Enter** to enter the login page. Enter the user name and the password. Click **Login**.

- 2. Click Device → + Add .**
- 3. Select adding method.**
 - Click **Enroll in Batch → Next** , the enrollment mode will be enabled, the device will be enrolled to the control panel automatically.
 - Click **Manually Add → Next** , enter the serial No. to enroll the device.
- 4. Adjust the knob to the unlock icon.**
- 5. Press the button to remove the rear panel and the middle frame.**
- 6. Install 4 batteries into the device and turn on the power switch. The green LED remains for 1 s.**
- 7. The green LED flashes for 7 times, the device is enrolled.**

Chapter 3 Test

The device will enter test mode (3 min) after being enrolled. Or Tap  → **Detection Zone Test** . Trigger the device within the range. If the indicator turns blue, the installation position is properly. If the indicator is still off, adjust the position of the device.

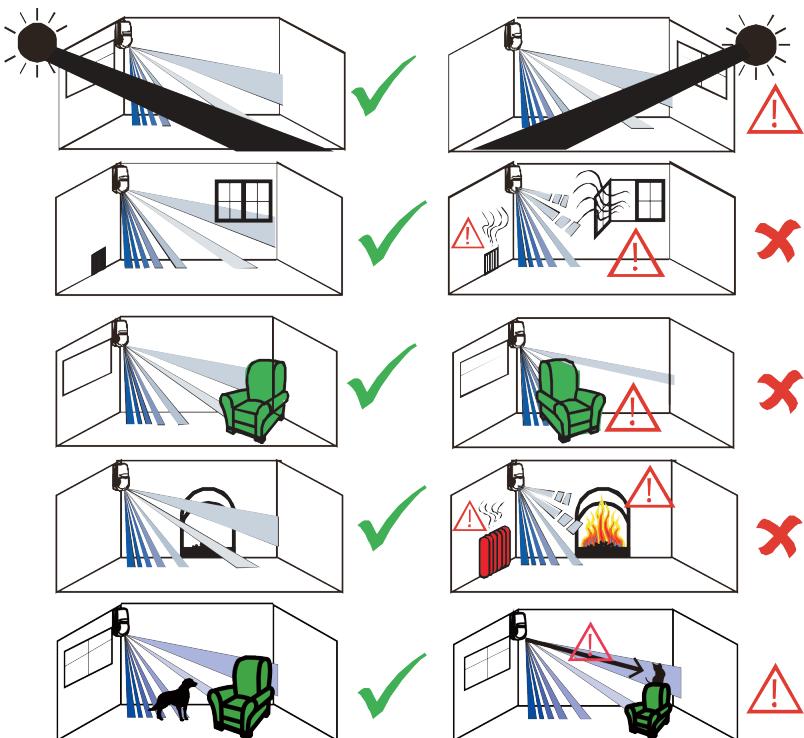


Chapter 4 Installation

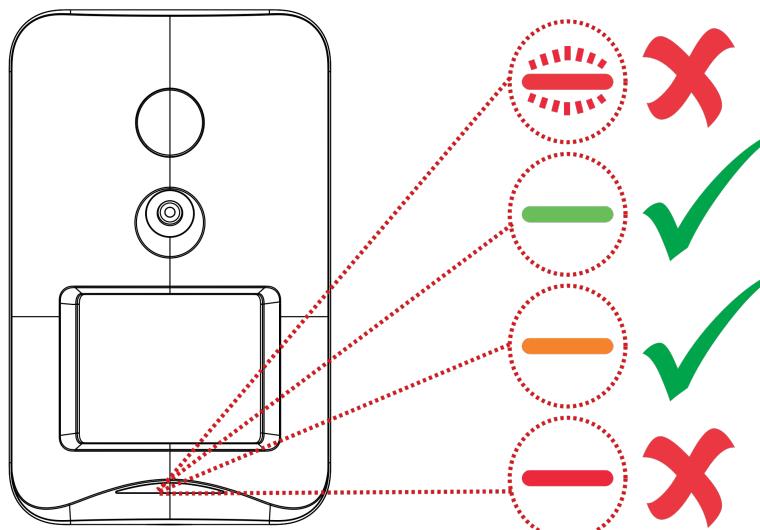
4.1 Installation Preparation

Steps

1. Check the installation environment.



2. Tap the device on the device list page. And tap → **Signal Strength Test** to check signal strength.

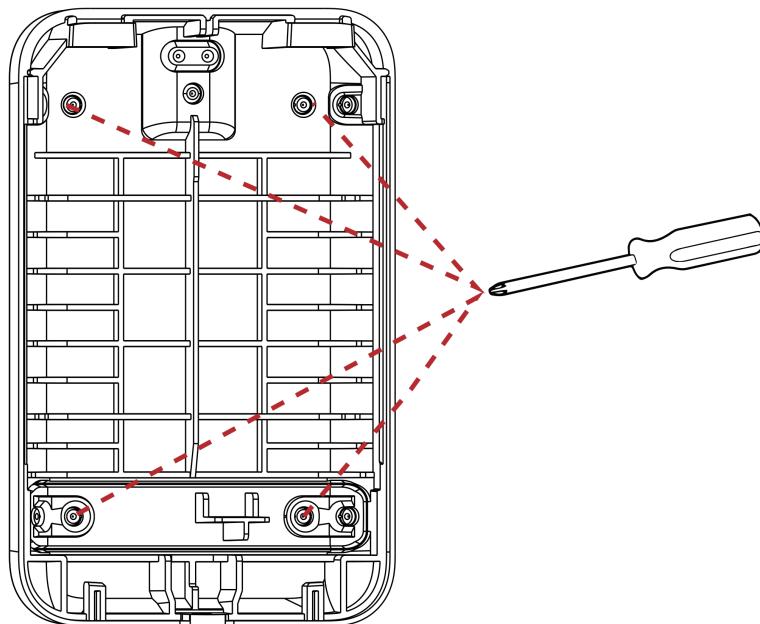


4.2 Device Installation

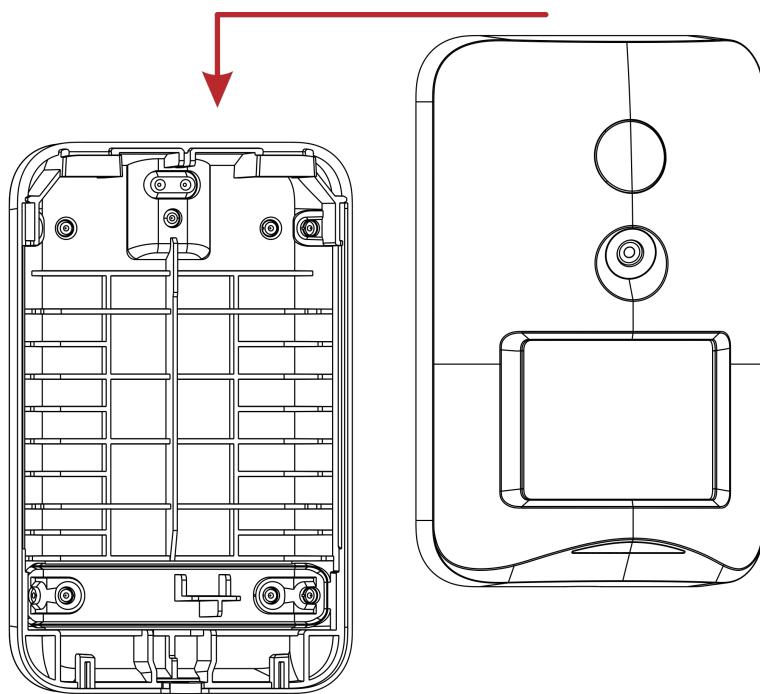
4.2.1 Mounting with Screws

Steps

1. Unscrew the baffle of the screw hole with a screwdriver, and fix the rear cover to the wall with 4 screws.



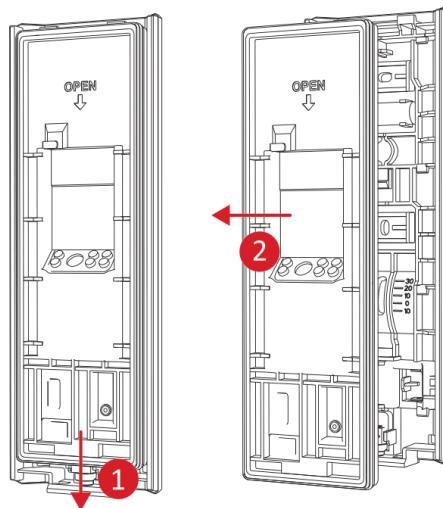
2. Install the front cover.



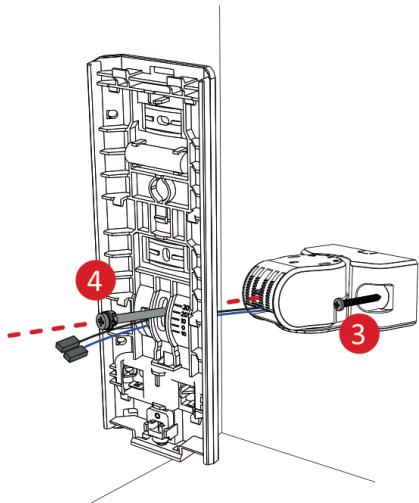
4.2.2 Mounting with Bracket

Steps

1. Slide the middle frame downward.
2. Separate the middle frame and the rear cover.



3. Secure the bracket with 2 screws (SC-PA3.5 × 25).
4. Thread the tamper wire out of the hole. Install the rear cover to the bracket with 1 screw (SC-PM4 × 35).

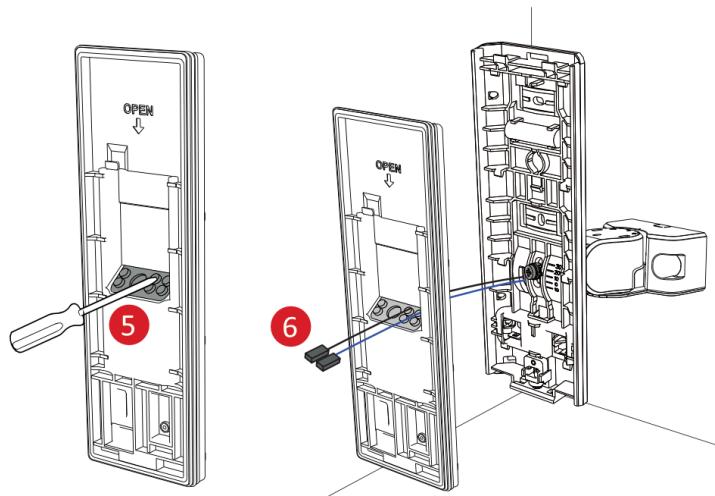


5. Remove the soft glue at the threading hole of the middle frame.



Note
It's recommended to use a screwdriver to remove the glue from the back.

6. Thread the tamper wire through the hole of the middle frame.



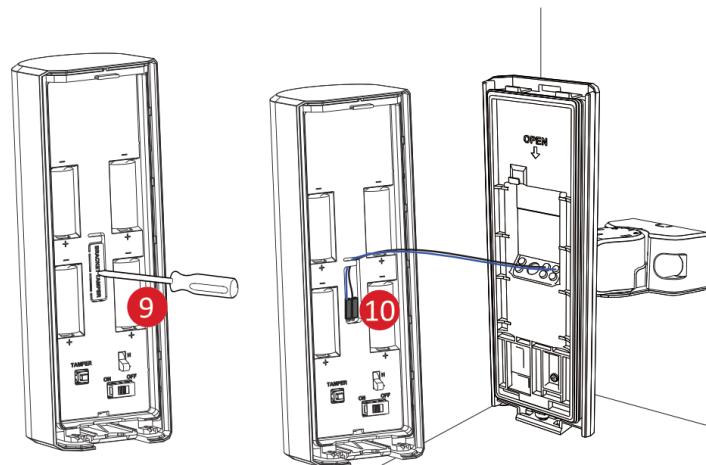
7. Put the middle frame back.

8. Slide up the middle frame to secure it to the rear cover.



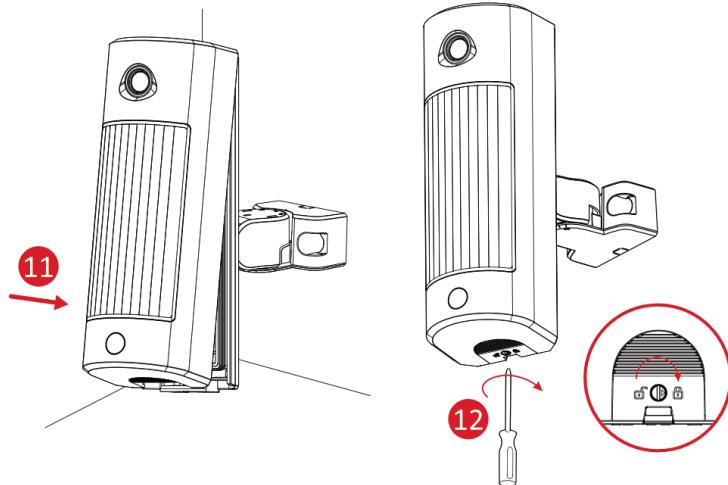
9. Remove the bracket tamper connector.

10. Connect and fix the tamper wire with the bracket tamper connector.



11. Install the front cover back.

12. Adjust the knob to the lock icon.



4.3 Shelter Installation (Optional)

In order to prevent rainwater from forming a rain curtain on the surface of the device lens; To prevent snow from covering the lens or icicles from forming after the snow melts, you can install the shelter on the top of the device to ensure better detection.

Steps

1. Check the installation environment.

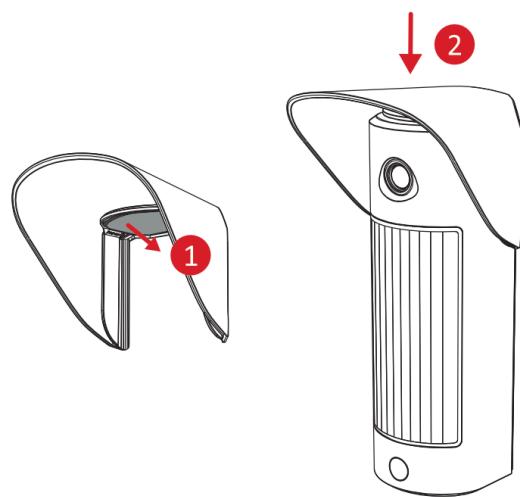


Note

- The recommended environment temperature is 20 to 40 °C.
- Ensure that the surface to be pasted is free of dust, oil stains, wet spots, etc. Please clean the surface before pasting.

2. Paste the double-sided tape onto the top of the inner shelter, and remove the adhesive sticker.

3. Install the shelter to the device, and ensure it is tightly pressed.



Chapter 5 Configuration

5.1 Configure via App

Tap the device on the device list page, and tap  to configure device parameters.

Name

Edit device name.

Area

Select linked area or add new area.

Zone Type

Select a zone type.

Instant

This Zone type will immediately trigger an alarm event when armed.

Delay

Entry Delay Time

Entry Delay provides you time to enter the zone to disarm the system without alarm. After triggering, if the zone is not disarmed or silenced before the entry delay time ends, the zone will alarm.

Exit Delay Time

Exit Delay provides you time to leave through the zone without alarm. You should confirm faults first, and then the zone is in arming process. If the delay zone is triggered within the exit delay time but it restores before the time ends, the alarm will not be triggered and the zone will be armed.

Stay Arm Delay Time

Stay arming uses Stay Arm Delay Time to count down. The system gives entry/exit delay time when it is armed or reentered. It is usually used in entrance/exit route (e.g. front door/main entrance), which is a key route to arm/disarm via operating keypad for users.

Follow

The zone acts as delay zone when it detects triggering event during system Entry Delay, while it acts as instant zone otherwise.

24-hour

The zone activates all the time with sound/light output when alarm occurs, whether it is armed or not. It is usually used in fire hazardous areas equipped with smoke detectors and temperature sensors.

Sensitivity

Select the PIR sensitivity level.

Alert with a Sounder

After enabled, it will link the sounder to alarm.

Deactivation

The selected part will be deactivated.

Find Me

Enter the find me mode to search for the device location.

5.2 Configure via Web Browser

Select the device on the device list, and click  to configure device parameters.

Name

Edit device name.

Area

Select linked area or add new area.

Zone Type

Select a zone type.

Instant

This Zone type will immediately trigger an alarm event when armed.

Delay

Entry Delay Time

Entry Delay provides you time to enter the zone to disarm the system without alarm. After triggering, if the zone is not disarmed or silenced before the entry delay time ends, the zone will alarm.

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Follow

The zone acts as delay zone when it detects triggering event during system Entry Delay, while it acts as instant zone otherwise.

24-hour

The zone activates all the time with sound/light output when alarm occurs, whether it is armed or not. It is usually used in fire hazardous areas equipped with smoke detectors and temperature sensors.

PIR Sensitivity

Select the sensitivity level of PIR detection.

Image Resolution

Select how many pixels are in each inch of the image. The larger the value, the higher the resolution.

Image In Series

Set the number of images captured by the camera during a single trigger.

Trigger Interval

Select the time interval at which the alarm will be triggered.

Silent Alarm

After enabled, when an alarm is triggered, only the report will be uploaded and no sound is emitted.

LED

When enabled, the LED indicator will indicate different device status.

Activation Limit

When the number of times the infrared detector is triggered exceeds the set value, the alarm will no longer be triggered.

Polling Rate

Set the interval at which the system requires the device to return a report. If the device takes longer than the **Polling Failure Times to Determine Offline** to reply, the system will report faults and the status of device will be shown as offline.

Buzzer

When enabled, the buzzer will sound once when there is no picture alarm, picture alarm, fault prompt, or fault occurs or recovers.

Click Save.

Click  to view the device status.

Click  , the device will enter the find me mode to search for the device location.

Chapter 6 Specifications

Model WE: 868 Mhz WB: 433 Mhz WA: 915 Mhz	DS-PD201PC10-WE WE	DS-PD201PC10-WB WB	DS-PD201PC10-WA WA
Detection method	Passive Infrared		
Detection range	10 m		
Detection angle	90°		
Detection zones	78		
Detectable planes	5		
Detectable speed	0.3 to 2 m/s		
Sensitivity	Automatic		
Pet immunity	24 kg at low sensitivity		
White light filter	3500 lux		
Temperature compensation	Automatic		
Angle	90°(H) 70°(V)		
Sensor Type	CMOS		
Day Light Video	Colour		
Night Vision Video	Black & White		
Illumination	Automatic with 1 × IR LED		
Illumination Range	10 m		
Image Format	JPEG		
Temperature sensor	Yes		
Resolution	QVGA (320 × 240) QQVGA (160 × 120)		
Images in series	Up to 3 images with resolution QVGA Up to 5 images with resolution QQQVGA		
Digital Processing	Yes		

Model	DS-PD201PC10-WE	DS-PD201PC10-WB	DS-PD201PC10-WA
WE: 868 Mhz	WE	WB	WA
WB: 433 Mhz			
WA: 915 Mhz			
Sealed Optics	Yes		
Power Switch	Power up / Enrolling		
LED Indicator	Blue (Alarm)		
Tamper Protectoin	Cover & Wall Tamper		
Signal Strength Indicator	Yes		
Environment Temperature Indicator	Yes		
Transmission technology	R bidirectional radio wireless		
Operating Frequency	433MHz 868 MHz - FHSS 915MHz -FHSS		
Transmission Security	AES-128 Encrytpoin		
Range (Free Space)	800 m 1000 m		
Radio Antenna	Integrated		
Enrolling	Power up / remote ID / QR code		
Wall Mount	Yes		
Supervision	5 min		
Ceiling Mount	Yes		
Bracket	Optional Wall & Ceiling Accessory		
Mounting Height	2.0 m ~ 2.4 m		
Application Scenario	Indoor		
PS Type ^b	Battery Powered (Type C)		
Battery Pack ^c	4 × AA Alkaline Batteries / 1.5V, 2000mAh each		
Typical Voltage	3 V		

Model	DS-PD201PC10-WE	DS-PD201PC10-WB	DS-PD201PC10-WA
WE: 868 Mhz	WE	WB	WA
WB: 433 Mhz			
WA: 915 Mhz			
Power Consumption	Maximum Current: 3V, Max 900mA Quiescent Current: 3V, 43µA		
Standard Battery Life	Up to 2 years		
Operating temperature	-10°C to 55°C		
Storage Temperature	-20°C to 60°C		
Relative Humidity	10% to 90%		
Dimension (W × H × D)	65.6 × 104 × 50.7 mm		
Weight	120 g		

Appendix A. Legal Information

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Appendix B. Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Note	Provides additional information to emphasize or supplement important points of the main text.



See Far, Go Further