DS-PD201P10-WE&WB&WA Wireless PIR Detector

User Manual

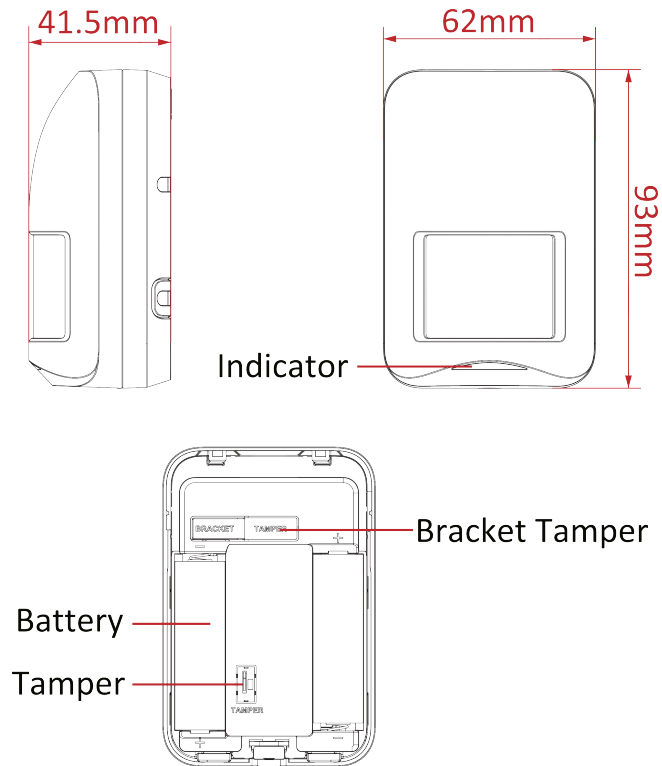# Contents

Chapter 1 Components Introduction

Check components location and name for further use.

⌷**i**Note

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

41.5mm 62mm 93mm

Indicator

Bracket Tamper

Battery

Tamper

Indicator Status	Device Status
Blue LED remains on for 1 s	Alarm
Green LED flashes continuously	Find me
Orange LED flashes	Enrolling
Green LED flashes 7 times	Enrolled

Chapter 2 Enrollment via App

Steps

1. Download Hik-Connect and log in.

2. Enroll the control panel to the App.

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

3. On the device list page, tap **Add Device**.

4. Tap **Device →** ⊕ .

5. Select adding method.

- Select **Manual Adding**, scan the QR code or enter the serial No.

  > 📖**Note**
  >
  > 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.

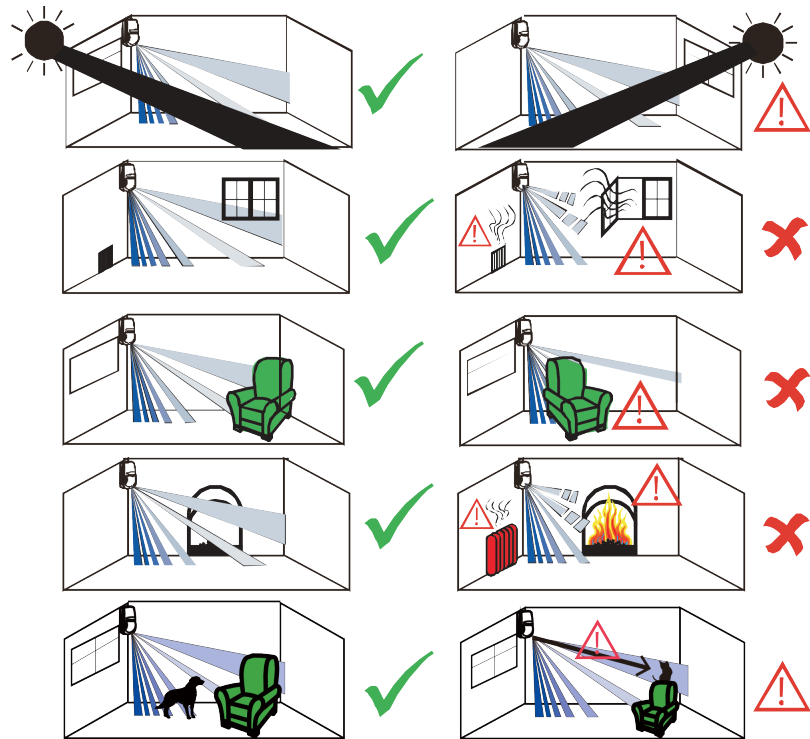**6.** Slide down to remove the rear cover. Install 2 batteries into the device. Orange LED starts to flash.
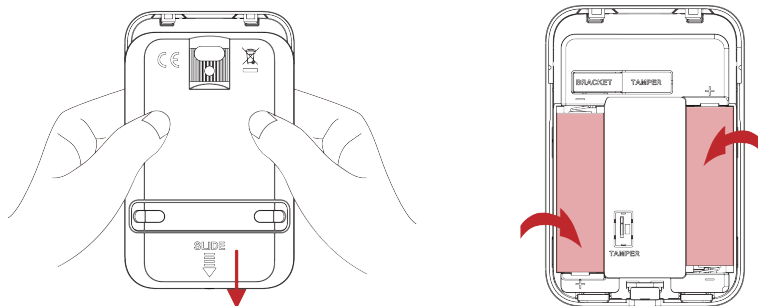
7. The green LED flashes for 7 times, the device is enrolled.

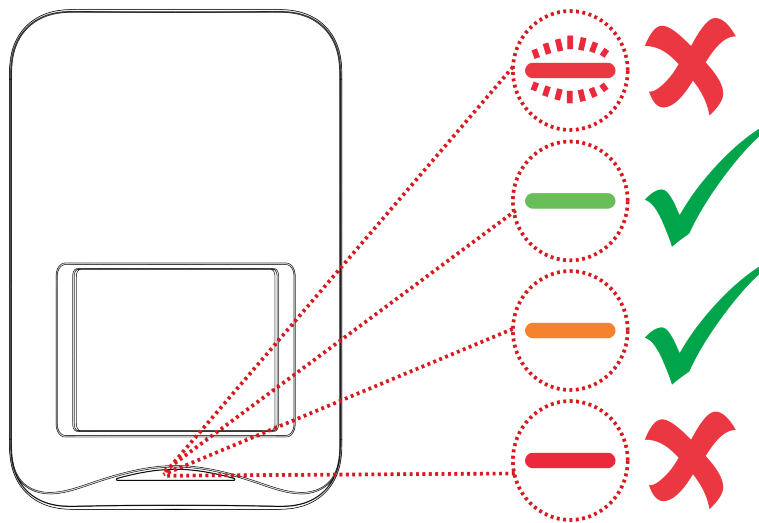# Chapter 3 Installation

3.1 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.
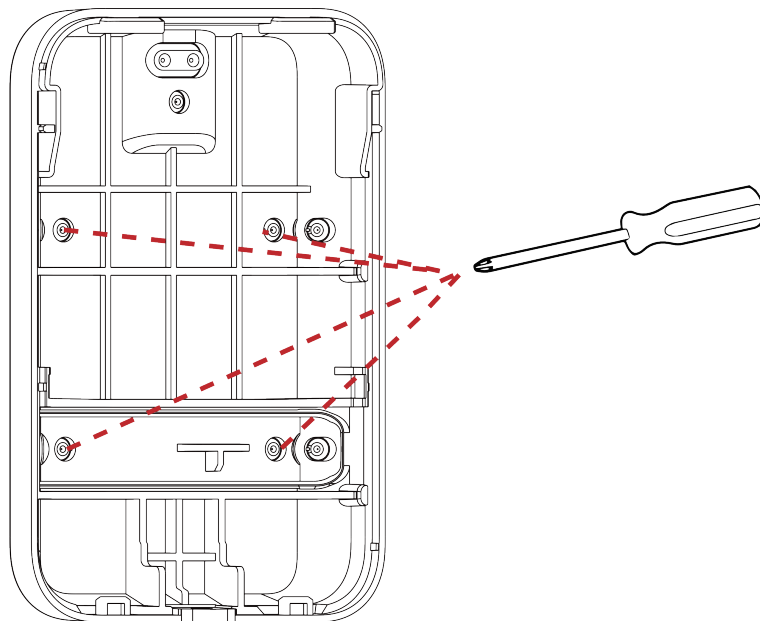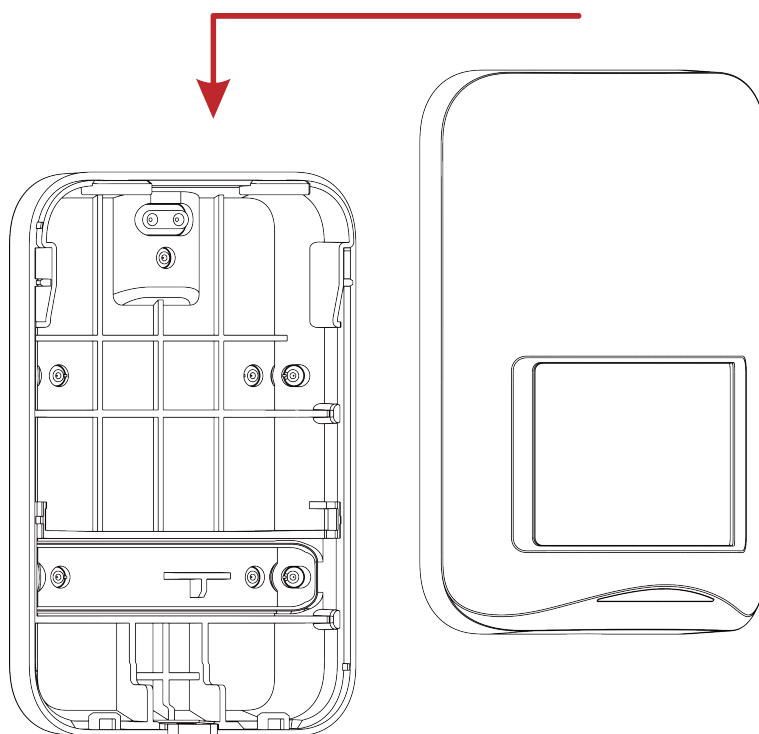
3.2 Device Installation

3.2.1 Mounting with Screws

Steps

1. Fix the rear cover to the wall with 4 screws.

2. Install the front cover.

3.2.2 Mount with Sponge Tape

Steps
1. Remove the sticker of the sponge tape, and fix the detector to the wall.

SLIDE

BRACKET   TAMPER

TAMPER
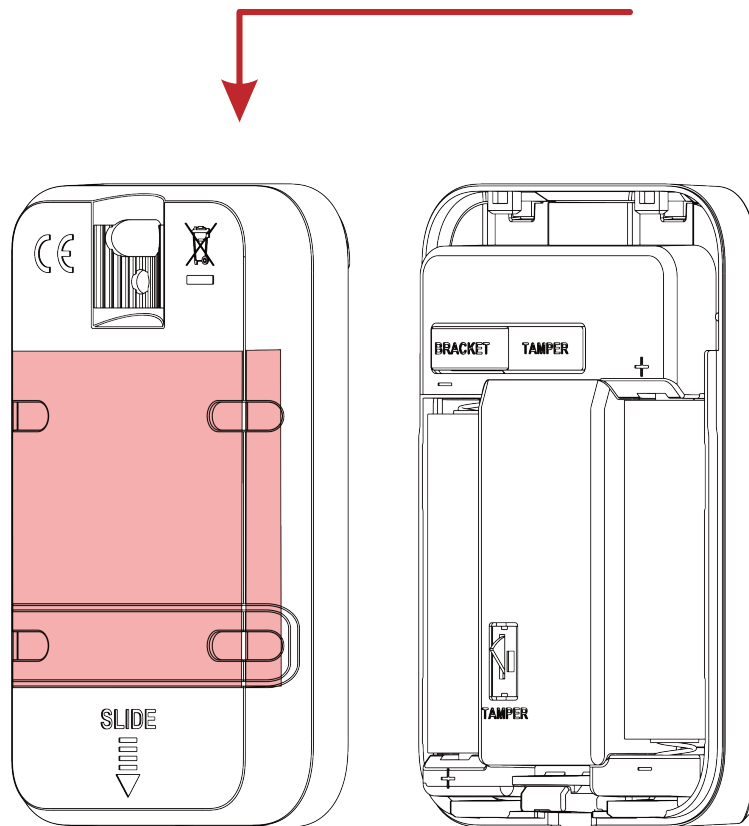
Chapter 4 Test

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.
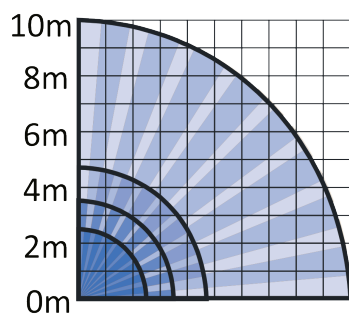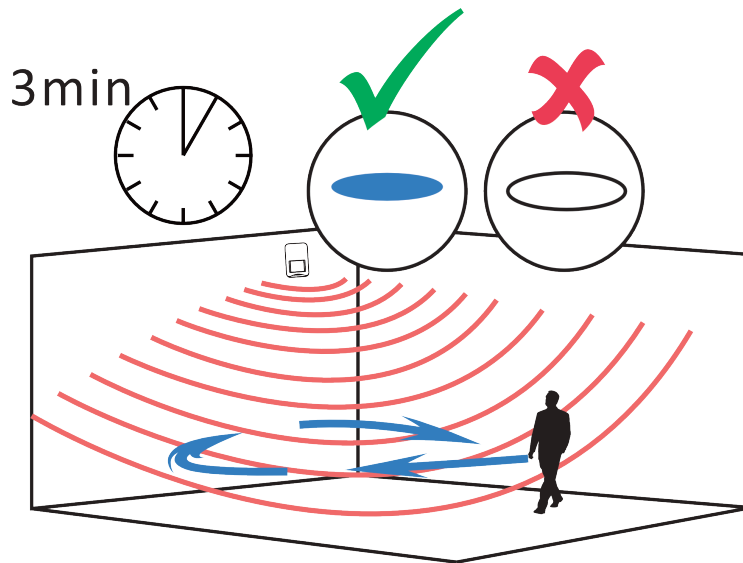
Detection Range:
FOV 90°
78 Zones
5 Levels
Mounting Height:
2 to 2.4 m (typical 2.2 m)
Pet Immunity: 24 Kg

Chapter 5 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

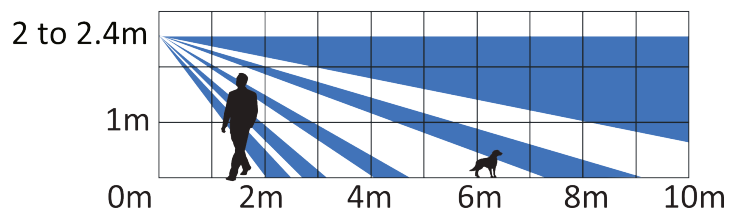Exit Delay provides you time to leave through the zone without alarm. You should confirm faults first, and then the zone is in arming process. If the delay zone is triggered within the exit delay time but it restores before the time ends, the alarm will not be triggered and the zone will be armed.

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.

Chapter 6 Specifications

Model WE: 868 Mhz WB: 433 Mhz WA: 915 Mhz	DS-PD201P10-WE	DS-PD201P10-WB	DS-PD201P10-WA
Installation	Indoors		
Indication method	LED		
Detection method	Passive Infrared		
Detection range	10 m		
Detection angle	90°		
Detection zones	78		
Detectable speed	0.3 to 2 m/s		
Sensitivity	High, Auto, Low		
Pet immunity	24 Kg at low sensitivity		
White light filter	3500 lux		
Digital temperature compensation	Yes		
Digital processing	Yes		
Sealed Optics	Yes		
Temperature indicator	Yes		
Mounting height	2 m to 2.4 m		
Power supply	2 × AA batteries		
Power consumption	Max current: 50 mA Quiescent current: 28 uA		
Battery life	Up to 2 years (standby time)		
Temperature sensor	Yes		
Transmission technology	Tri-X 868.0 - 868.6 MHz	Tri-X 433.1-433.7 MHz	Tri-X 912.5-917.4 MHz
Transmission range (free space)	Up to 1,600 m	Up to 1,200 m	Up to 1,600 m

Model **WE: 868 Mhz** **WB: 433 Mhz** **WA: 915 Mhz**	**DS-PD201P10-WE**	**DS-PD201P10-WB**	**DS-PD201P10-WA**
Maximum effective radiated power (ERP)	Up to 25 mW	Up to 10 mW	Up to 60 mW
Tamper	Yes		
Operating temperature	-10°C to 55°C (14°F to 131°F)		
Operation humidity	10% to 90%		
Dimension (W × H × D)	62 × 93 × 41.5 mm		
Weight	77 g		
Bracket	Optional wall & ceiling brackets, sold separately		

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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.
📖i Note	Provides additional information to emphasize or supplement important points of the main text.

See Far, Go Further