DS-PDMCX-E-WB/WE
Wireless External Magnet Detector

HIKVISION

UD27560B

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Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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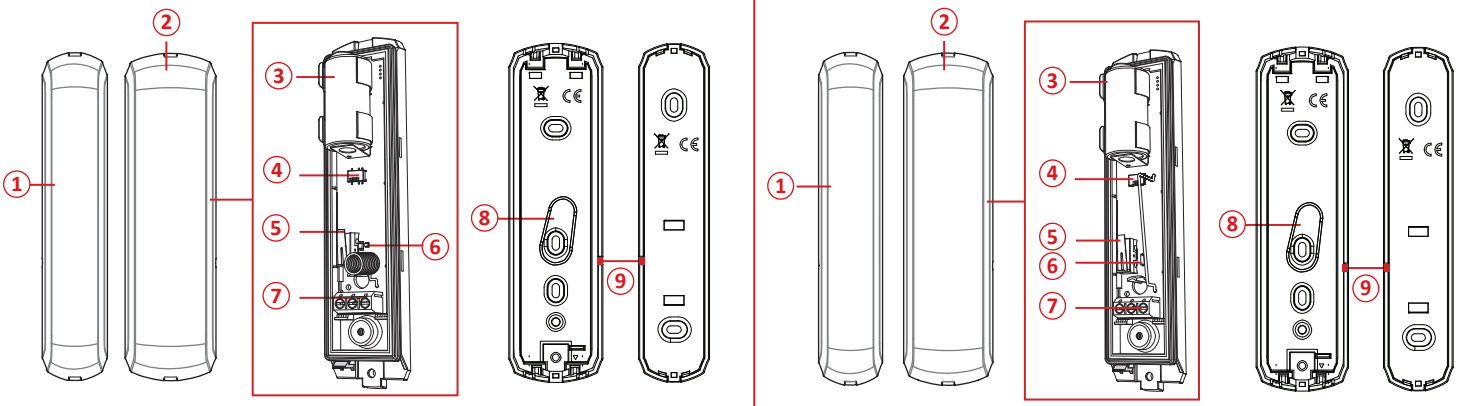
This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, RE Directive 2014/53/EU, the RoHS Directive 2011/65/EU.

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



1 ***Magnetic Stick***

2 ***Sensor***

3 ***Battery***

4 ***Power Switch***

5 ***Tamper Button***
- Tampering Alarm: If the detector is disassembled, an alarm will be triggered.
- Formatting: Restore the device to default settings.

6 ***Indicator***
Alarm Detection: Red LED flashes.
Detector Formatted: Red LED flashes 3 times.

7 ***External Input***

8 ***Rear Tamper Sheet***

7 ***Positioning Line***

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.

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.

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2 Enrollment

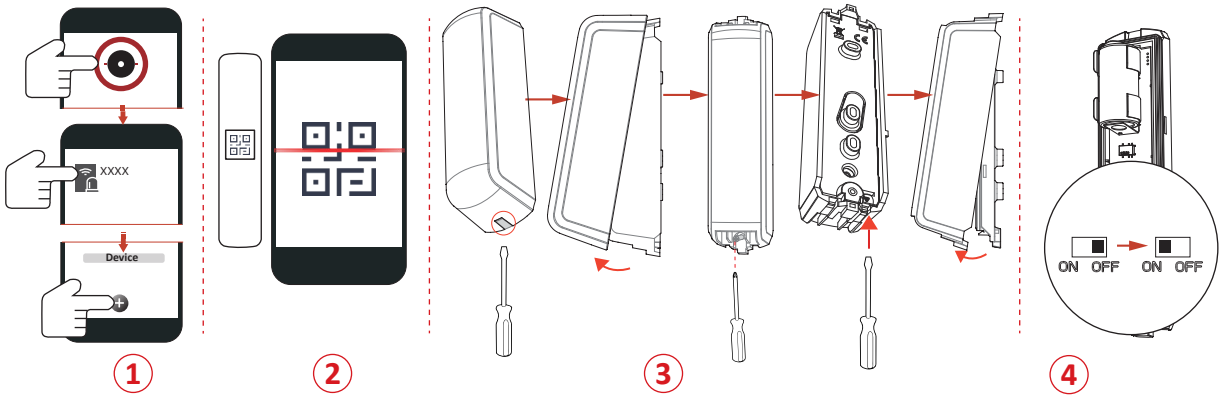
1. Log in to the APP Store, download and install the App.
2. Power on the security control panel.
3. Log in the APP and tap the icon "+" . Scan the QR code or input the control panel serial No. to add the control panel.

❶ Enroll the Peripheral Locally

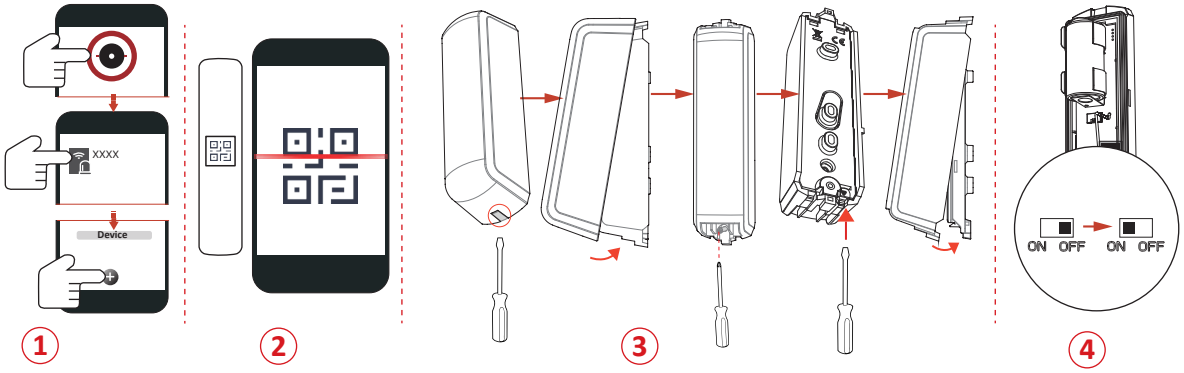
1. In the APP, tap the "Enrollment Mode" button on the control panel page to make the control panel enter the enrollment status.
2. Power on the peripheral, and it will be automatically enrolled to the control panel.

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. Power on the peripheral, and it will be automatically enrolled to the control panel.



DS-PDMCX-E-WB Enrollment



DS-PDMCX-E-WE Enrollment

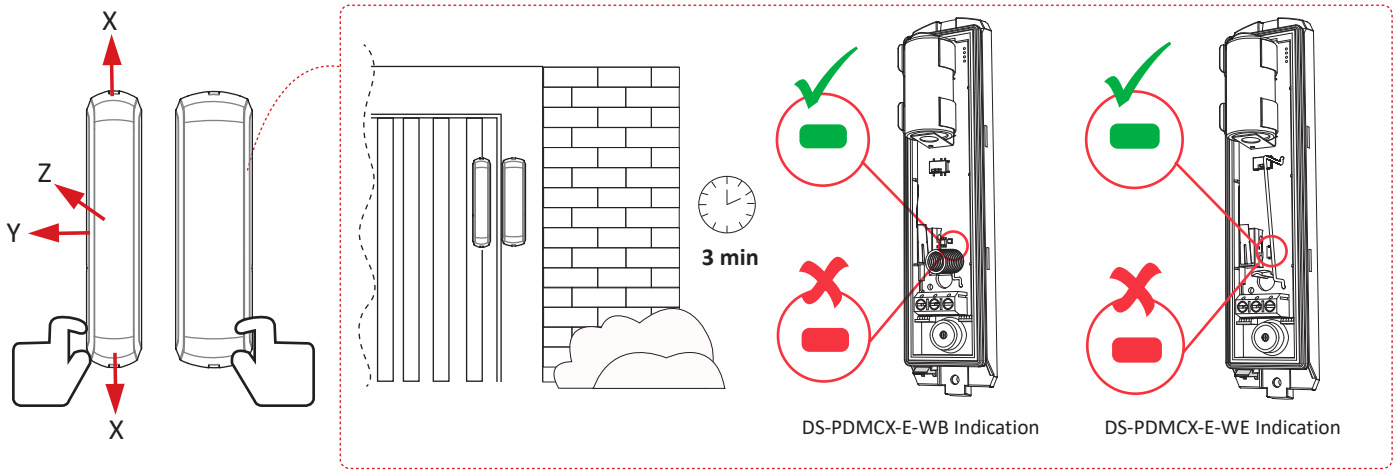
3 Test

The contact starts test automatically after being enrolled to the AX PRO. The LED turn red.
Separate the contact, and make a gap between the sensor and stick. while the LED turns green, the alarm is triggered by this gap . Adjust the installation position of the contact to get a satisfied alarm gap.

The alarm will be triggered while the gap between the sensor and magnetic stick is bigger than that shows in the table. The LED keeps green.

Magnet Detection Performance Table

Supports	Non-metallic Surface	
Direction	Break	Make
Y	51	45
X+	20	19
X-	23	22
Z	76	68



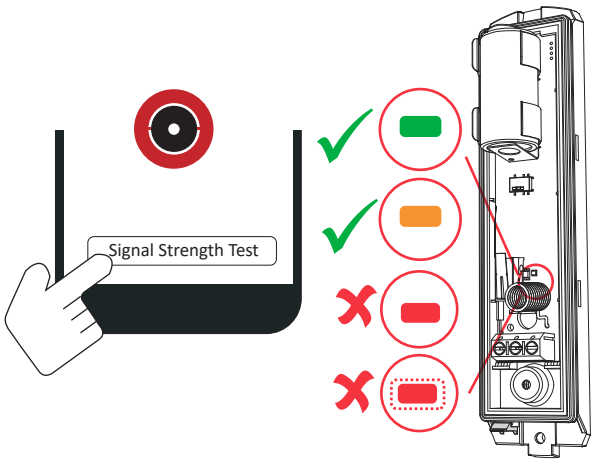
DS-PDMCX-E-WB Indication

DS-PDMCX-E-WE Indication

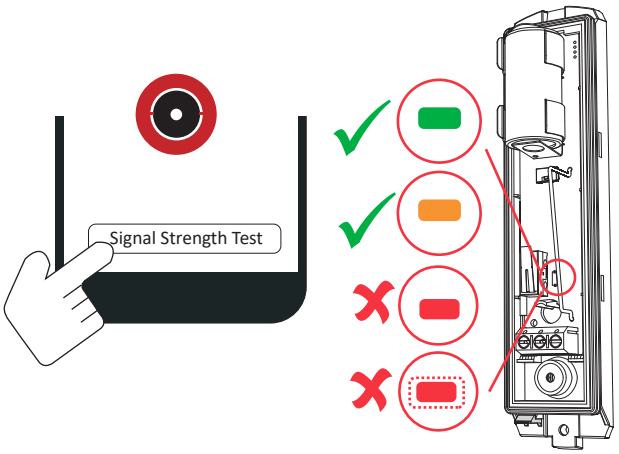
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4 Installation

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 - Lost Signal

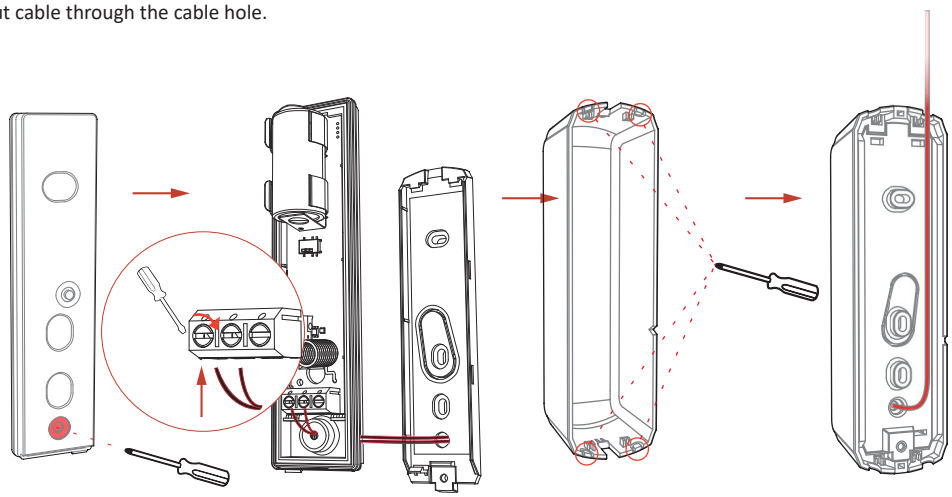


DS-PDMCX-E-WB Signal Strength

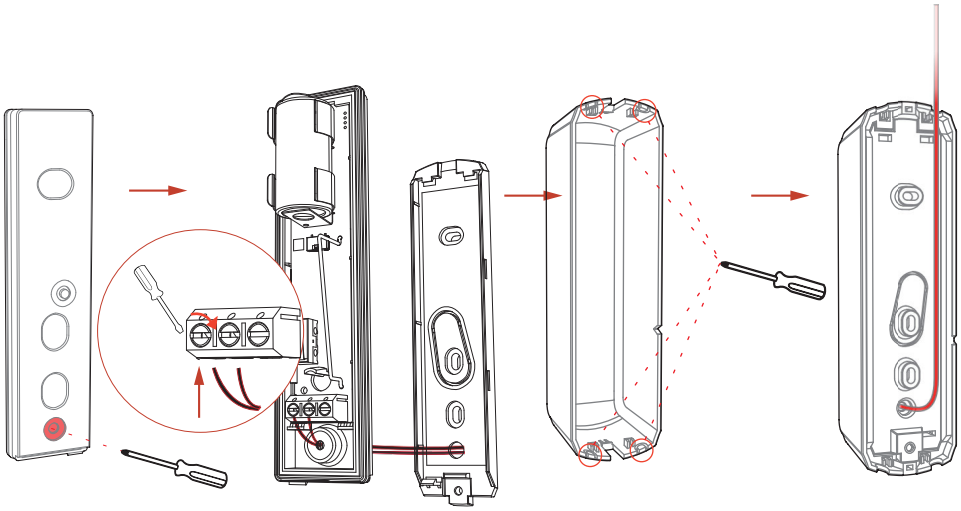


DS-PDMCX-E-WE Signal Strength

2. Route the cable
a. Knock out the cable hole sheet.
b. Route the external input cable through the cable hole.



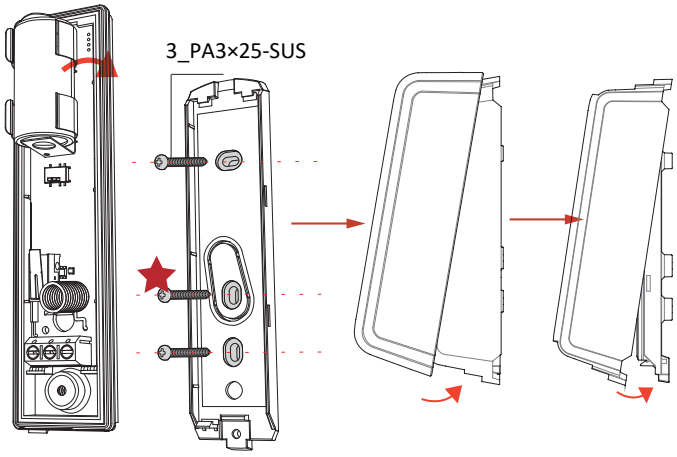
DS-PDMCX-E-WB Wiring



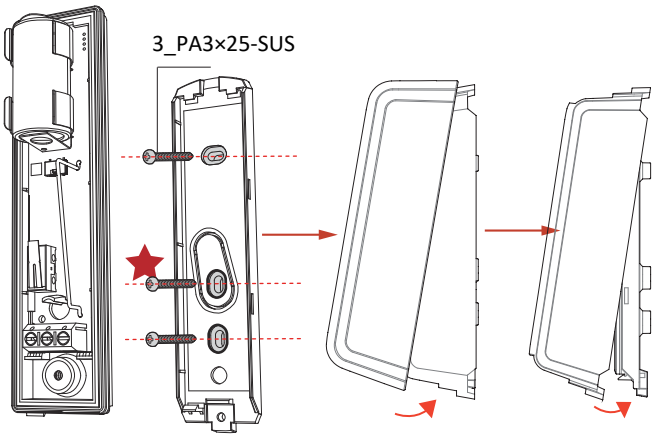
DS-PDMCX-E-WE Wiring

3. Install the Detector
a. Secure the rear panel to the wall with three screws.
b. Secure the front panel onto the rear panel.
c. Fix the protection enclosure on the device.
Note:
You should install the sensor and the magnetic stick at the door or window's edge. Make sure they are aligned with the door or window's edge.

Screw for real panel tamper-proof



DS-PDMCX-E-WB Installation



DS-PDMCX-E-WE Installation

5 Functions

You can add two external inputs (each input can be set as NO\NC\TAMPER\Pulse) via the AX PRO client.
While Any of the two inputs generates an alarm event, the contact reports the alarm to the AX PRO. The LED keeps blue for 2 s.

6 Formatting

1. Remove the battery, and wait for 5 s.
2. Hold the Tamper button and power the detector on at the same time.
The red LED flashes 3 time when the formatting is completed.

7 Set Up with App

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

Disallowed field adjustable settings: None

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.
Sounder Delay Time	Set he sounder delay time up to 120s.
Cross Zone	If the alarm triggered in both of the linked zones within the set time, two alarm messages will be reported.
Link Camera	Link with a camera for intruder verification.
Primary Contact	Slide to green to enable the function.

Function	Description
External Contact1	Slide to green to enable the wired external contact 1.
External Contact2	Slide to green to enable the wired external contact 2.
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, separate the contact, and start the test with Magnet Detection Performance Table.
Zone Bypass	By pass the zone.
Find Me	Tap to enter the page and tap Start. The indicator of the device will then flashes.
Zone Bypass	By pass the zone.

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.

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9 Specification

Detection Method	Opening Contact
Detection Gap	According to the magnet detection performance table
Digital Processing	Support
Tamper Protection	Front,Rear
Environment Temperature Indicator	Support
Signal Strength Indicator	Support
Alarm Input	Normally Closed,Normally Open,Impulse Count
Power Switch	Power Up Enrolling
LED Indicator	Blue(Alarm)
Transmission Technology	Tri-X Wireless
Transmission Method	Two-Way RF Wireless
Transmission Frequency	868MHz/433MHz
Transmission Security	AES-128 Encryption
Transmission Range(Free Space)	1600 m (868MHz)/1000 m (433MHz)
Frequency Hopping	Support
Enrolling Method	Power up,Remote ID,QR Code
Power Supply	Battery Powered
Battery Type	CR123A × 1
Typical Voltage	3V
Standard Battery Life	5 years in work status (being triggered 20 times per day)
Operation Temperature	-20 °C to 60 °C(-4 °F to 140 °F)
Storage Temperature	-30 °C to 65 °C (-22 °F to 149 °F)
Operation Humidity	10% to 90%
Dimension(WxHxD)	Sensor: 40.5 mm × 146 mm × 40.9 mm Magnetic Stick: 30.5mm × 146mm × 40.9 mm
Weight	247 g
Application Scenario	Outdoor, IP66

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