DS-PDPG12P-EG2-WE/WB/WA
Wireless PIR-Glass Break Detector

HIKVISION

EN 50131-1:2006+A2:2017
EN 50131-2-2:2017
EN 50131-5-3:2017
EN 50131-2-7-1:2012+A2:2016

Security Grade(SG) 2
Environmental Class(EC) II

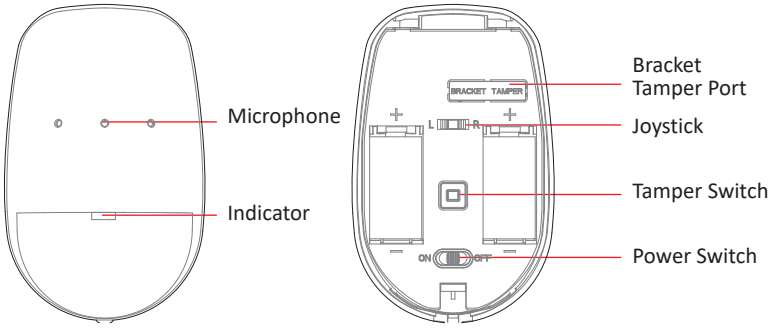
Warning

1. Do not ingest battery, Chemical Burn Hazard
2. Keep new and used batteries away from the children.
3. If the battery compartment does not close securetyly, stop using the product and keep it away from children.
4. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Caution

1. Risk of fire or explosion if the battery is replaced by an incorrect type.
2. Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
3. 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.
4. 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.
5. Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
6. Dispose of used batteries according to the instructions

1 Appearance



Battery + - Mark
+ 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.

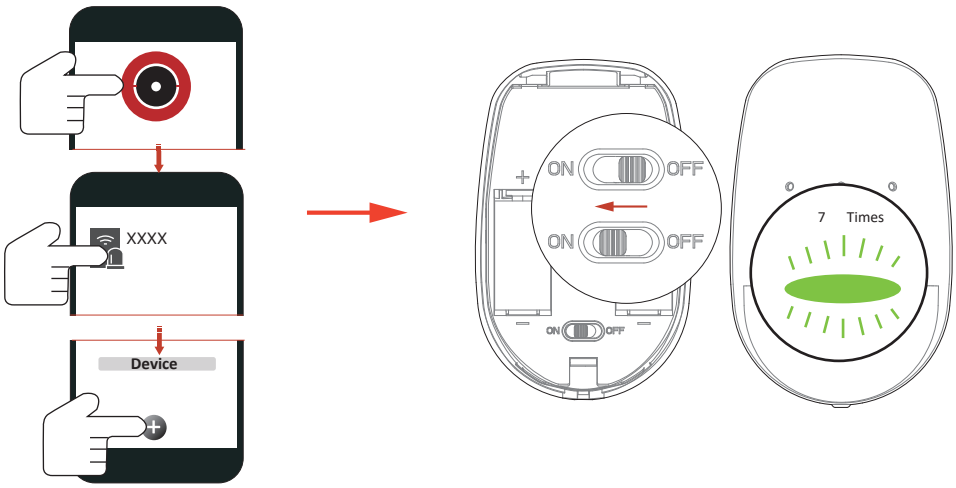
2 Enrollment

Note: The enrollment progress will be completed in 3 to 10 seconds normally, and the maximum enrollment duration is 3 minutes.

1. Log in to the APP Store, download and install Hik-Pro.
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

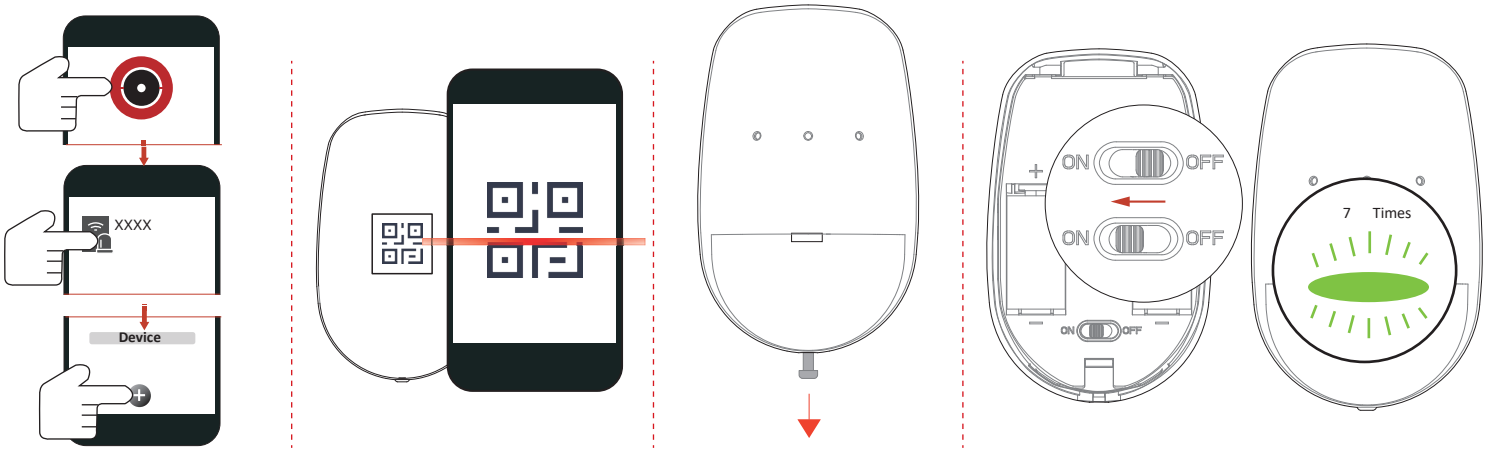
1. In the APP, tap the "Enrollment Mode" button on the control panel page to make the control panel enter the enrollment status.
2. Loosen the screw and remove rear panel.
3. Power on the peripheral, and it will be automatically enrolled to the control panel.



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❷ Enroll the Peripheral with QR and serial No.

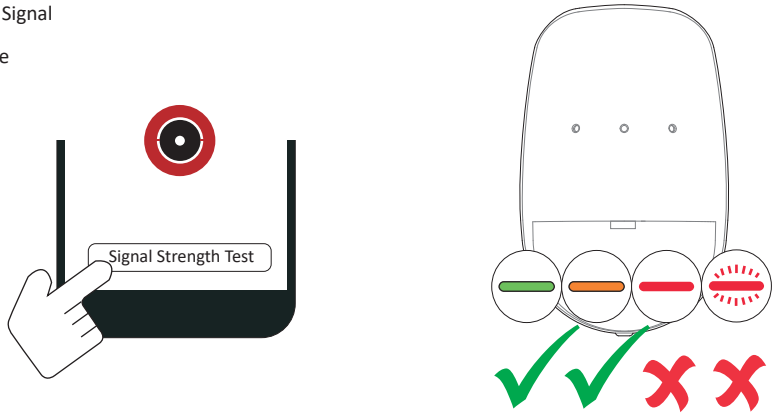
1. In the APP, tap the icon "+"and scan the QR code or serial No. on the peripheral.
2. Loosen the screw and remove rear panel.
3. Power on the peripheral, and it will be automatically enrolled to the control panel.



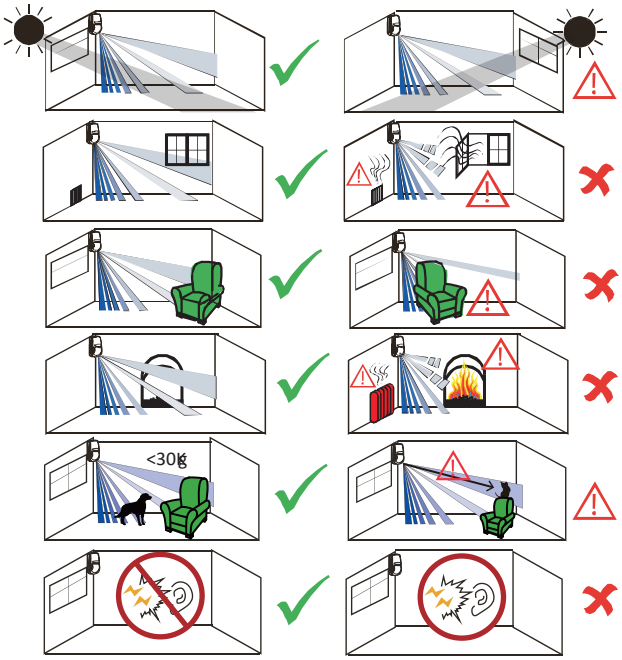
Note: Hold the tamper button, and make the device power off and then power on for re-enrollment.

3 Installation

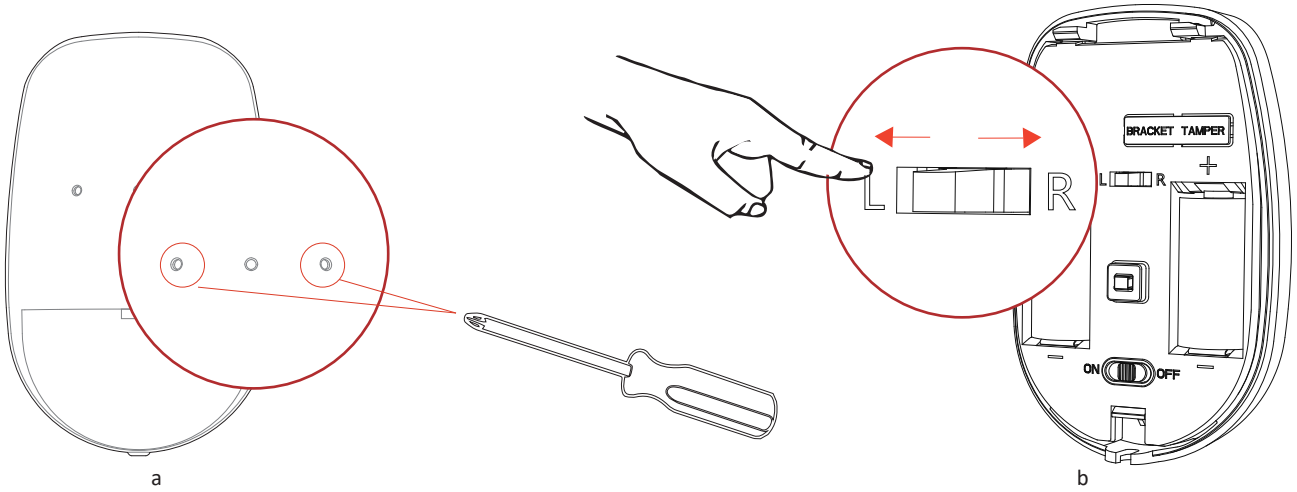
1. Check Signal Strength
Enter the signal checking mode by operating on the control panel. Trigger the detector.
Solid Green for 3 s - Strong Signal
Solid Orange for 3 s - Medium Signal
Solid Red for 3 s - Weak Signal
Red light flashes for 3S - Failure



2. Check the installation environment



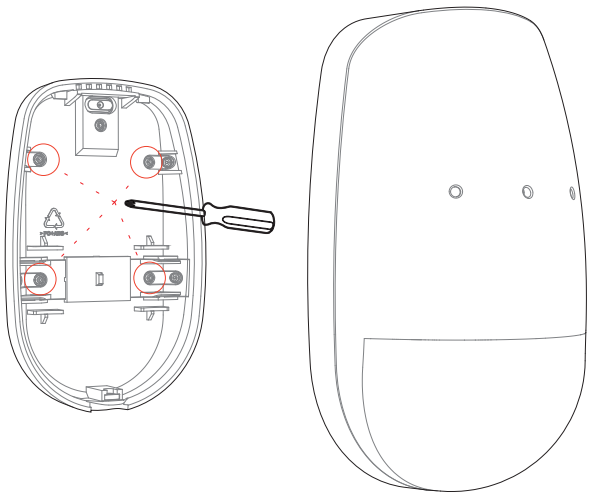
3. Adjust the pick-up direction
   a. Knock out the sheet on the pick-up hole at the required side.
   b. Toggle the joystick to adjust the pick-up direction.



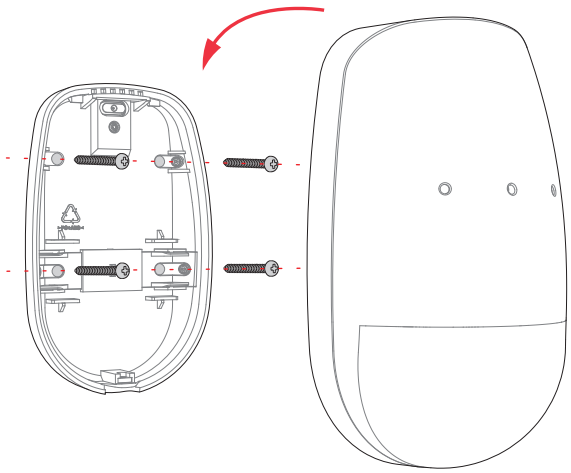
a b

4. 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.



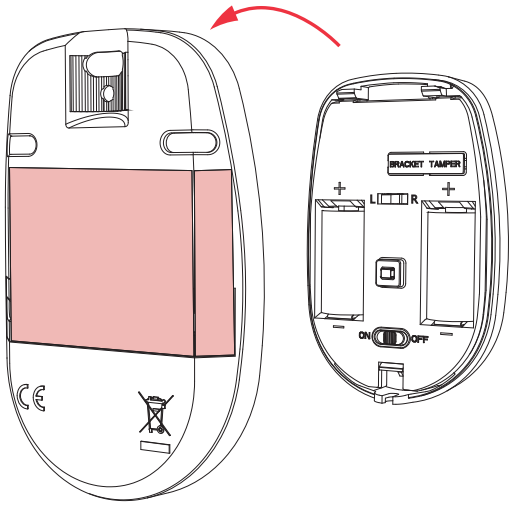
   b. Secure the rear panel on the wall with four screws.



Note: Please mount the detector with supplied screws or those in the same specification as the supplied one.

with the Sponge Tape

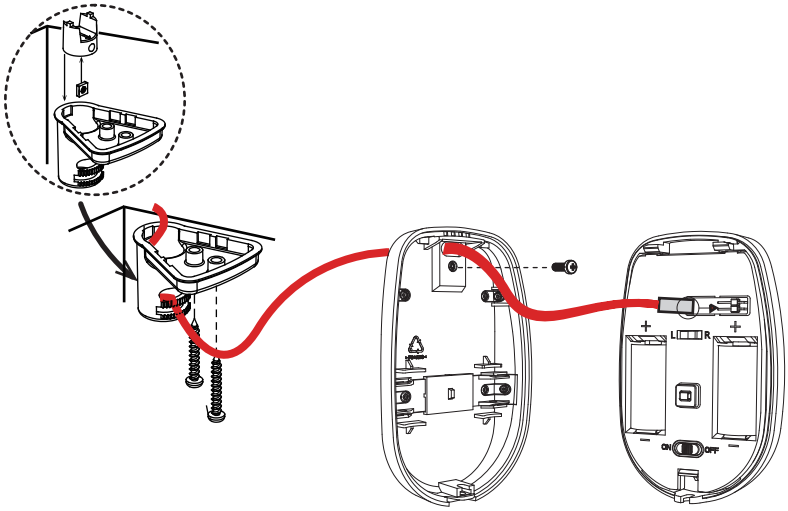
Paste the device on the wall with sponge tape.



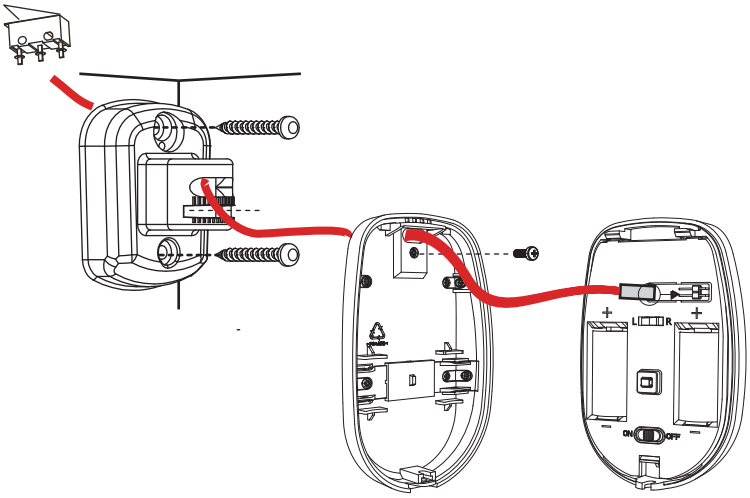
Note: Installing with the Sponge Tape is non EN compliant.

Bracket Installation

Ceiling Bracket Fitting (Non EN compliant)

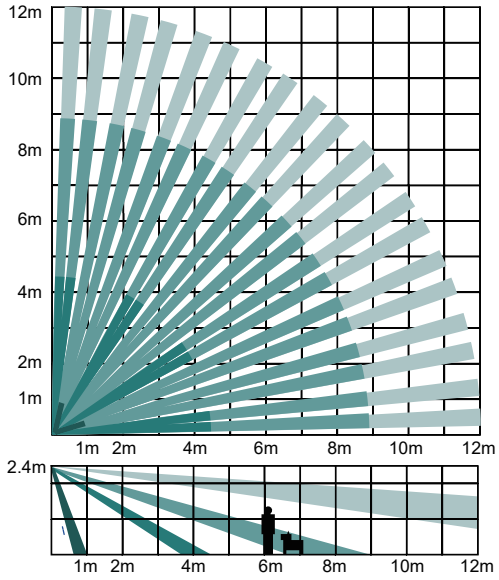


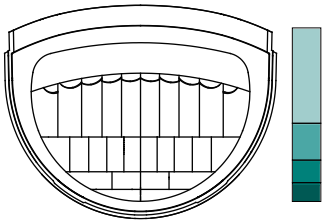
Wall Bracket Fitting



4 Test

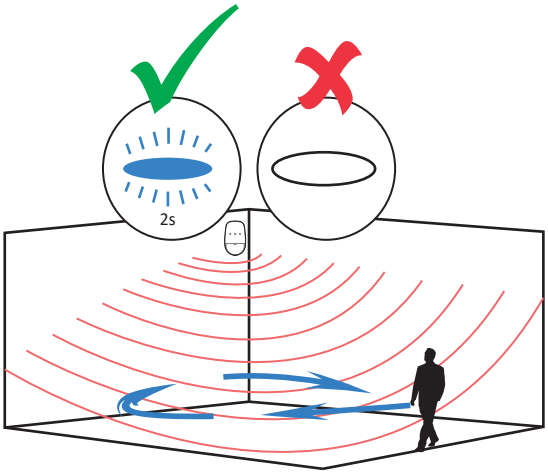
Detector zones and planes
The zones and plans of the detector are shown below.



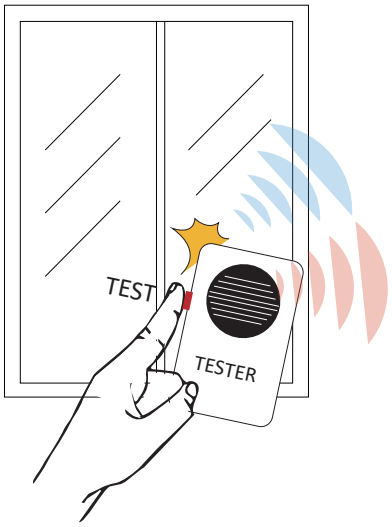


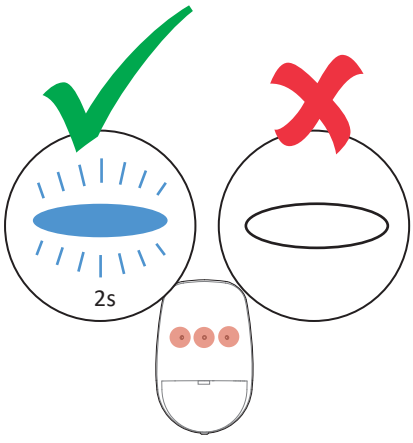
(a) Detection Range
85.9°
52 zones
4 planes

PIR Test
The detector will enter the PIR walk test mode (3 minutes) after being enrolled.
Trigger the detector within the detection range.
If the blue LED flashes 2 s, the installation position for PIR detection is properly. If the LED indicator is still off, adjust the position of the detector.



BG (Break Glass) Test
Use a tester to simulate the sound of glass-break at the required place.
If the blue LED flashes 2 s, the installation position for BG detection 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 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

PIR Specification	
Detection range	12m, 90°
Detection speed	0.3 to 2 m/s
Auto sensitivity	Yes
Pet immunity	Up to 30 kg (Only low sensitivity)
Digital temperature compensation	Yes
Technology	Digital microprocessor based
Sealed optics	Yes
Creep zone protection	Yes
Direct light filter	6500 lux
Glass Break Specification	
Sensor	Omnidirectional electret microphone
Detection range	8 m radius, 120°
Glass type	Float, Plate, Tempered, Wired, Laminated Leaded, Double glazing
Glass thickness	2.4 mm to 6.4 mm
Glass size	0.3 m × 0.3 m to 3 m × 3 m
Sensitivity	Low (1 m), medium (4m), and high (8 m)
General	
Tamper protection	Front & Back
LED indicator	Green (PIR), Red (BG), 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	1.8 to 2.4m
Dimension (W × H × D)	65.5 mm × 103 mm × 48.5 mm
Weight	134 g
Bracket	Optional wall & ceiling accessory
Transmission	
Wireless technology	Tri-X Wireless Technology
Environment temperature Indicator	Yes
2-way wireless communication	Yes
Transmission frequency	868/433/915 MHz
Frequency hopping	Multichannel transmisstion
Transmission encryption	AES-128 encryption
Signal strength indicators	Yes
RF range	868 MHz/915 MHz: 1.6 km; 433 Mhz: 1.8 km (open area)
Enrolling methods	Power up, Remote ID, QR code
Battery	CR123A × 2 (included)
Standard battery life	5 years (Trigger 20 times a day)

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