DS-PDPC12P-EG2-WE
Wireless PIR-Camera Detector

HIKVISION

1 Appearance

CAUTION
IF THE BATTERY COMPARTMENT DOES NOT CLOSE SECURELY, STOP USING THE PRODUCT AND KEEP IT AWAY FROM CHILDREN.

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.

- IR LED
- Camera
- LED Indicator
- (Optional)Bracket Tamper Interface
- Tamper Button
- Power Switch
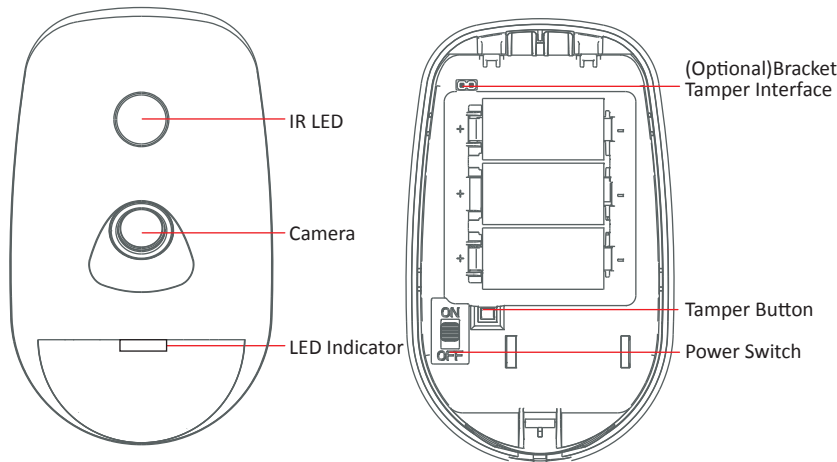
CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
REPLACEMENT OF A BATTERY WITH AN INCORRECT TYPE THAT CAN DEFEAT A SAFEGUARD.
REPLACE ALL BATTERIES AT THE SAME TIME.
DO NOT MIX OLD AND NEW BATTERIES.

CAUTION
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS AND LOCAL REGULATION.

2 Enrollment

Note: The enrollment progress will be completed in 3 to 10 seconds normally.

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. Loosen the screw and remove rear panel.
3. Power on the peripheral, and it will be automatically enrolled to the control panel.

7Times
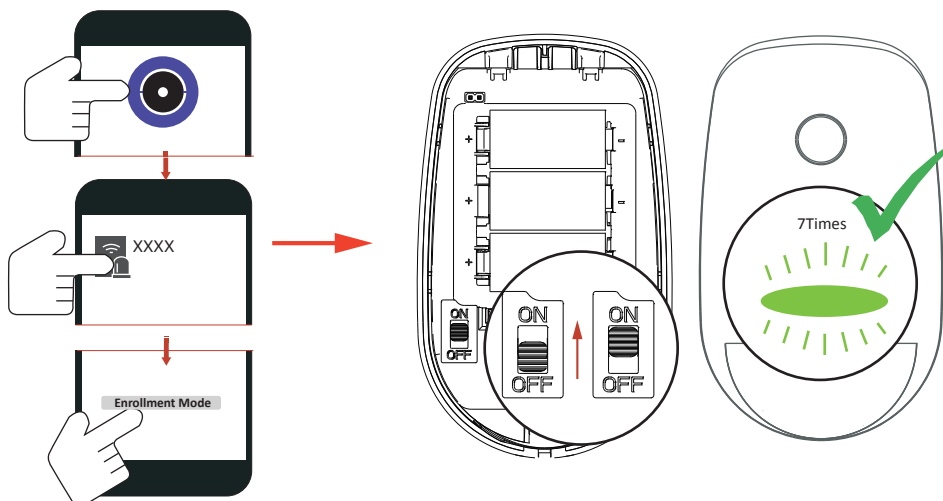
❷ **Enroll the Peripheral with QR and serial No.**

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.
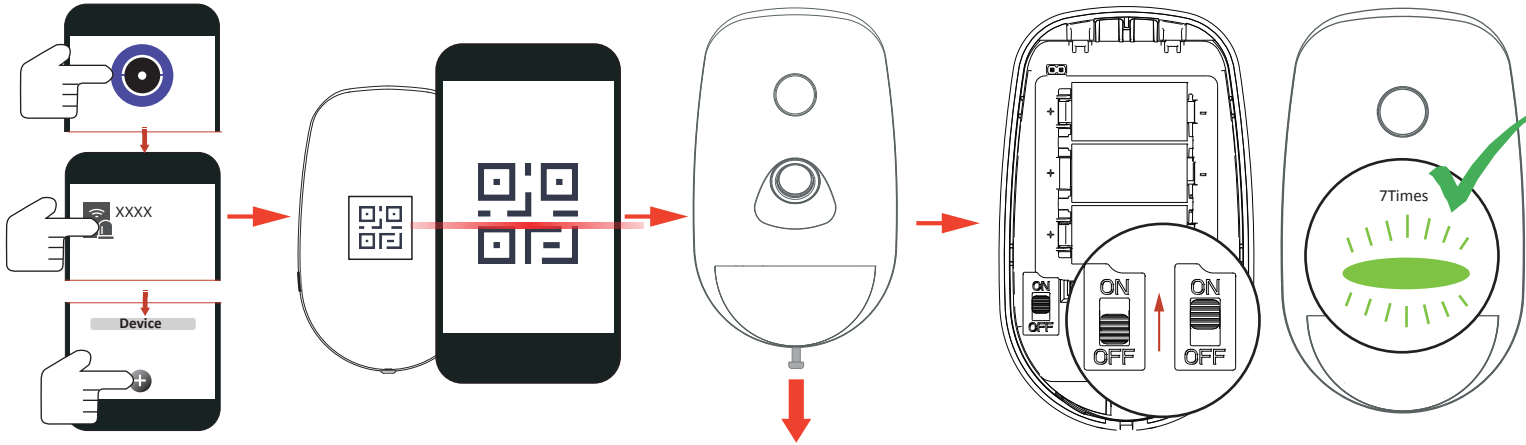
3 Installation

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
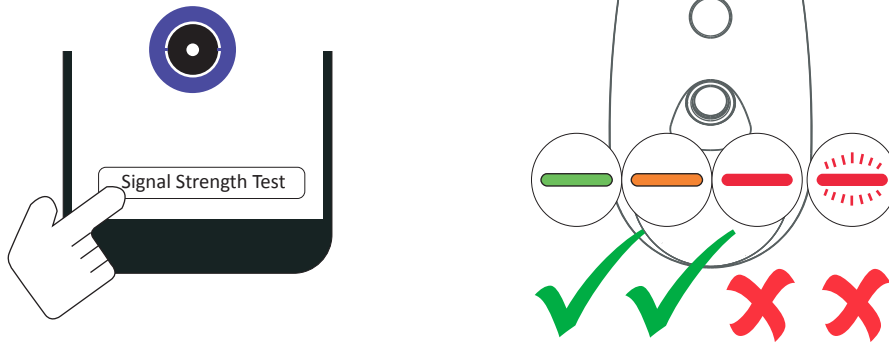
2. Check the installation environment
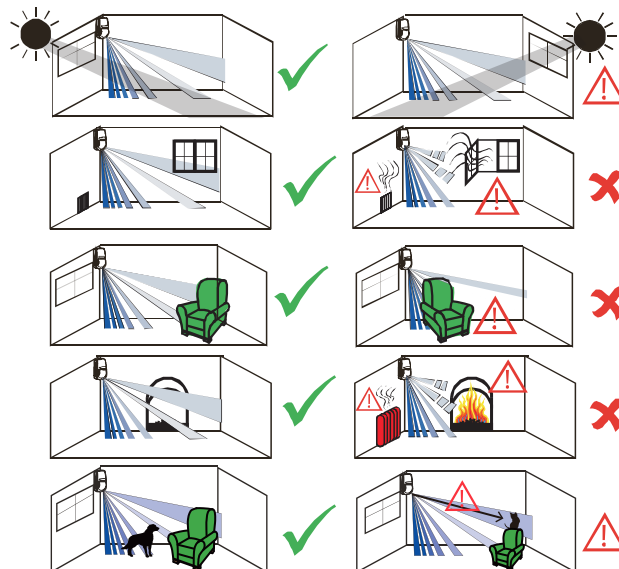
3. Install the Detector
Note: The additional force shall be equal to three times the weight of the equipment but not less than 50N. The equipment and its associated mounting means shall remain secure during the installation. After the installation, the equipment, including any associated mounting plate, shall not be damaged.
Make sure there is no obstacle sheltering the LENs and IR light.

with Screws
    a. Knock out the screw holes on the rear panel.
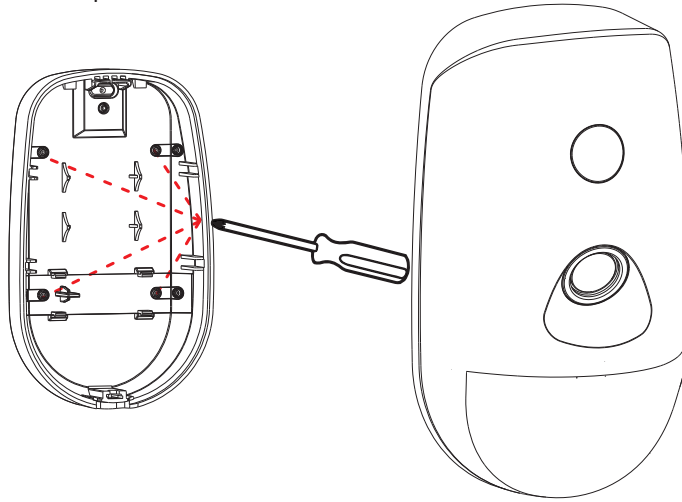
b. Secure the rear panel on the wall with four screws.
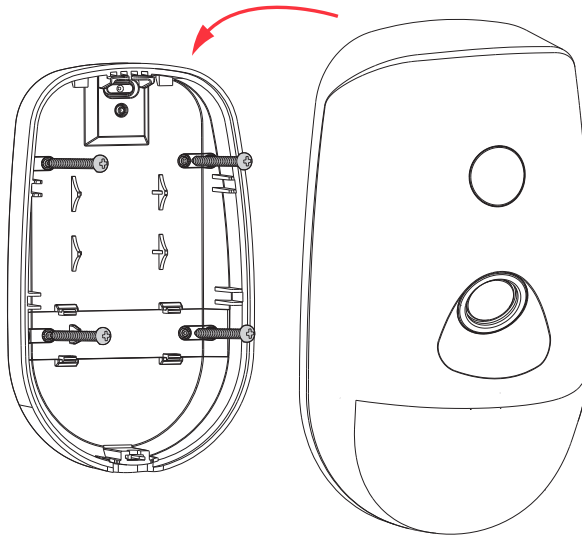
with the Sponge Tape
      Paste the device on the wall with sponge tape.
      You can paste the detector on the wall or in the corner.
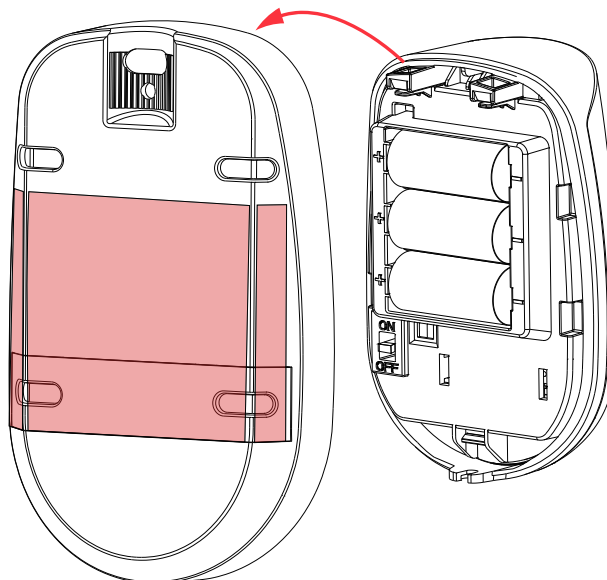
Note: Installing with sponge tape is non EN compliant.

Bracket Installation
Ceiling Bracket Fitting (Non EN compliant)
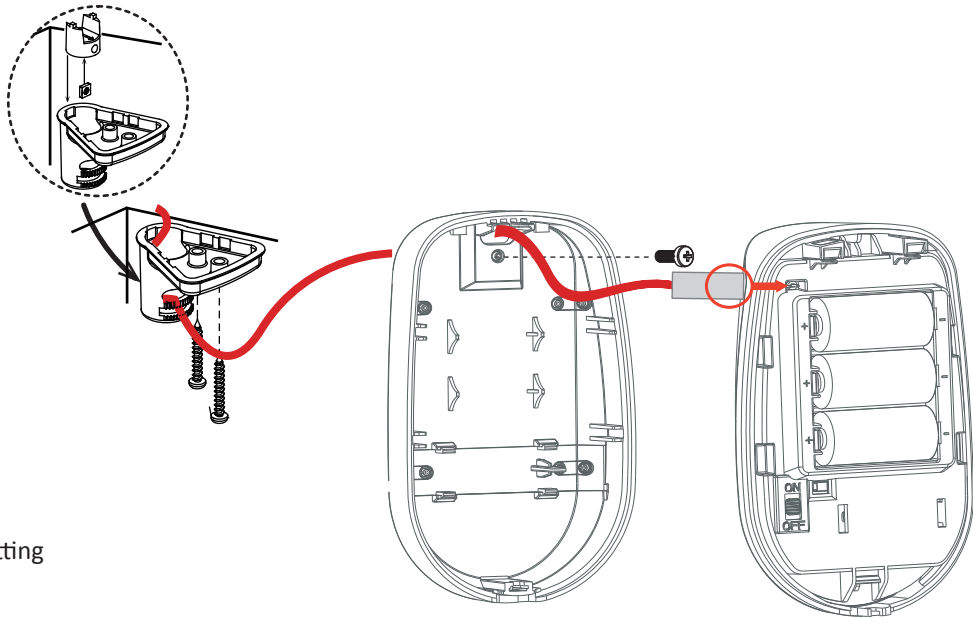
Wall Bracket Fitting
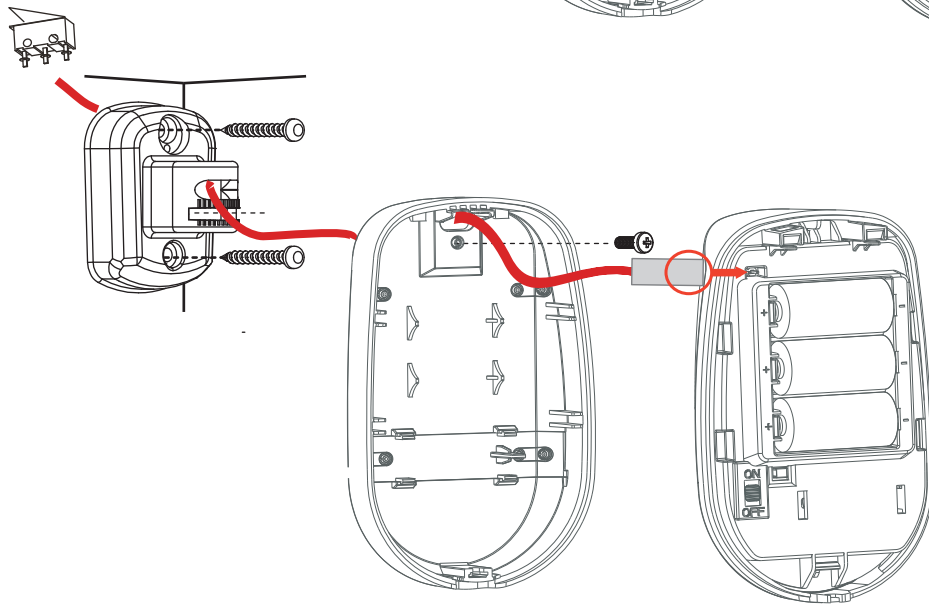
4 Test

Detector zones and planes
The zones and plans of the PIRCAM are shown below.
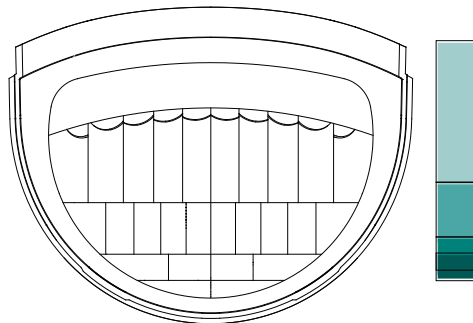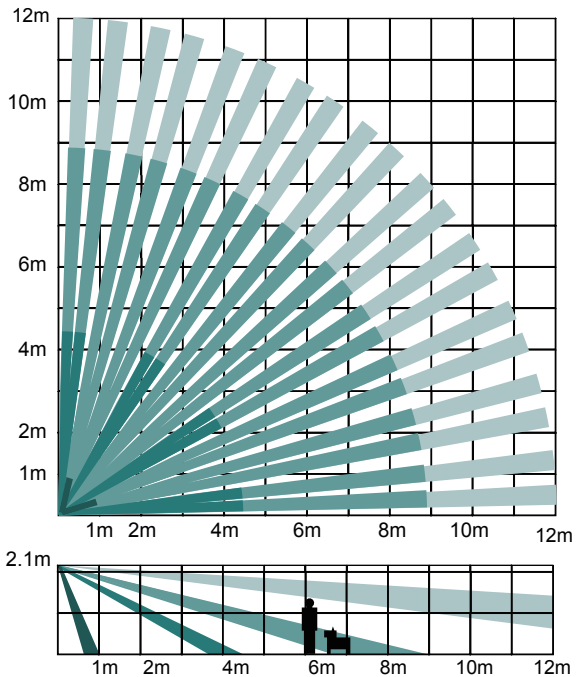
(a) Detection Range
85.9°
52 zones
4 planes

While the detector is disarmed, the detector will enter the walk test mode (within 3 minutes after being enrolled).
Trigger the detector within the detection range.
If the LED indicator turns blue, the installation position is properly. If the LED indicator is still off, adjust the position of the detector.

within 3 min
after the enrollment
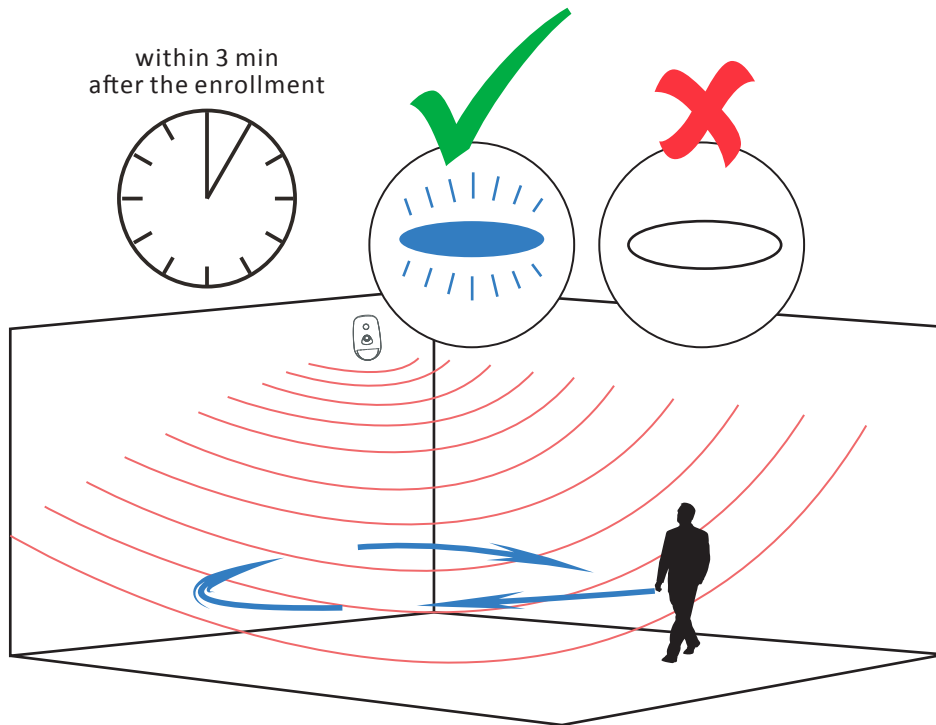
Note: while the detector is disarmed, power off and power on will make the detector enter the walk test mode.

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 Set up with App

You can view the device status including temperature, signal intensity, battery level, lid, arming/disarming, etc.,on the device page. Tap the ⬡ button to enter the settings page.

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.

Function	Description
Enable Silent Zone	Slide to green to make the zone keep silent while alarm is triggered.
Double Knock	Slide to green to make the zone alarm with double knock.
Cross Zone	If the alarm triggered in both of the linked zones within the set time, two alarm messages will be reported.
Sensitivity	Set the sensitivity of the detector. Higher sensitivity makes the intruder easier to be detected.
Image Resolution	Set the resolution of the image.
Image in Series	Set the captured image number in series.
Swinger limit activation	Set the limit times of swinger activition .
Trigger Interval, sec	Set the interval of trigger, and the alarm message will not be repeated within the time.
LED	Turn On/Off the LED.
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, and start walk test.
Zone Bypass	By pass the zone.
Capture	Capture picture manully.

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

PIR Specification	
Detection range	12m，85.9°
Detection speed	0.3 ~ 2 m/s
Auto Sensitivity	Yes
Pet immunity	Up to 30Kg (Height < 40cm)
Digital temperature compensation	Yes
Technology	Digital microprocessor based
Sealed optics	Yes
Creep zone protection	Yes
Direct light filter	6500lux
Camera Specification	
Lens coverage	88°(H), 68°(V)
Chip type	CMOS
Auto day and night	Colour/Black & White
Flash IR LED	1 IR LED
LED range	12m
Image type	JPEG
Image resolution	160x120, 320x240, 640x480
Images in series	Up to 20 images
Tamper protection	Front & Back
LED indicator	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(nominal mounting height = 2.1m)
Dimension (W × H × D)	72.2mm × 120.5mm × 56.7mm
Weight	210g
Bracket	Optional wall & ceiling accessory
Transmission Technlogy	CAM-X wireless technology
Environment temperature indicator	Yes
2-way wireless communication	Yes
Transmission frequency	865MHz
Transmission encryption	AES-128 encryption
Signal strength indicators	Yes
RF range	800m (free space)
Enrolling methods	Power up, Remote ID, QR code
Battery	CR123A x 3 (included), 3V/1600mAh
Standard battery life	6 years
Low Voltage Value	2.45 V
Current	Max. current: 1.5A Quiescent current: 20uA
PS Type	Type C

Note: when the low voltage message appears there will be at least 30 days of use.

9 Reference Table

1st Photo transmission time	
- 160 x 120	5s (5KB per image)
- 320 x 240	6s (10KB per image)
- 640 x 480	12s (60KB per image)
Internal memory buffer	
- 160 x 120	160 images (5KB per image)
- 320 x 240	80 images (10KB per image)
- 640 x 480	25 images (30KB per image)