

English

1 Appearance

1. Tamper Button 2. Battery 3. Bracket Tamper Connector
4. Power Switch 5. High and Low Mounting Adjustment Lever

2 Enrollment

3 Installation

1. Adjust the mounting height.
H Model: 2.5 to 3 m (typical 2.7 m)
L Model: 0.8 to 1.2 m (typical 1 m)
2. Check signal strength.

- ① Mounting with screws.
② Mounting with bracket.

4 Detection Range

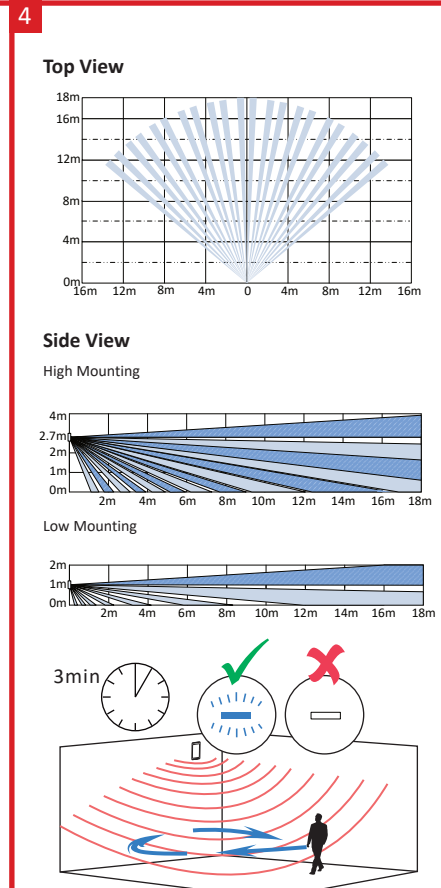
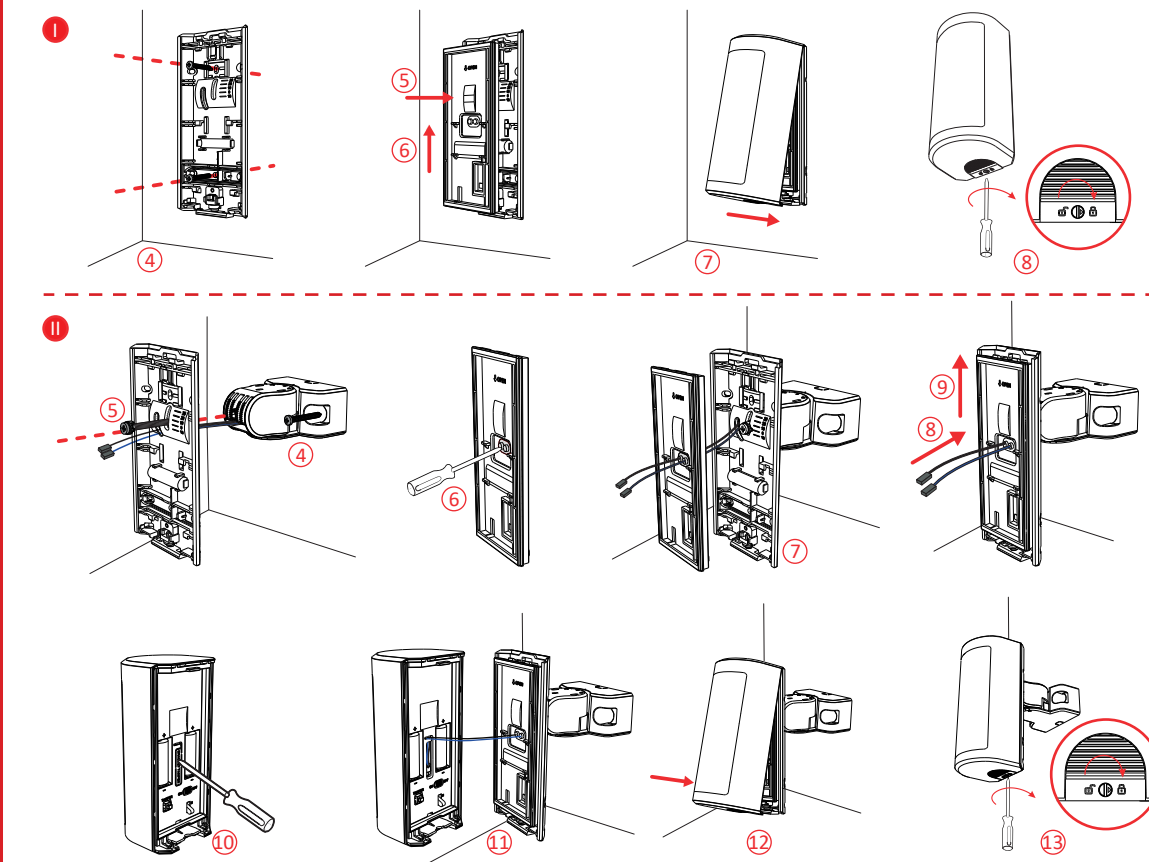
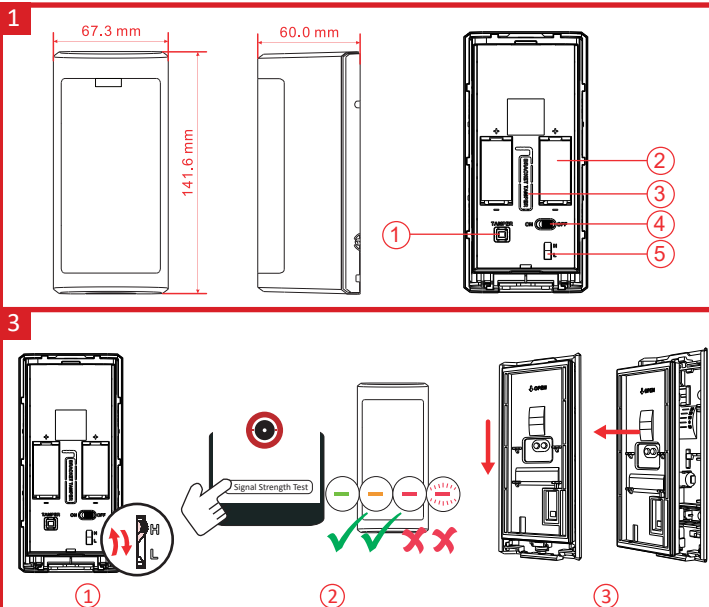
User Manual

Scan the QR code for more information and operation help.

Specification

Detection Method	Passive Infrared
Detection Range	18 m(16 m according to EN50131-2-2)
Detection Angle	90°
Detection Zones	118
Detectable Speed	0.3 to 2 m/s
Sensitivity	Auto, Pet
White Light Filter	2000lux
Pet Immunity	Up to 24 Kg
Digital Temperature Compensation	Support
Digital Processing	Support
Sealed Optics	Support
Tamper Protection	Front, Rear
Environment Temperature Indicator	Support
Signal Strength Indicator	Support
Directional Detection	Support
Power Switch	Power Up Enrolling
LED Indicator	Blue(Alarm)
Transmission Technology	Tri-X Wireless
Transmission Method	Two-Way RF Wireless
Transmission Frequency	433 MHz
Transmission Security	AES-128 Encryption
Transmission Range(Free Space)	1 Km
Frequency Hopping	Support
Enrolling Method	Power up, Remote ID, QR Code
Standard Battery Life	5 years in work status (being triggered 20 times per day)
Power Supply	Battery Powered
Battery Type	CR123A × 2
Typical Voltage	3 V
Operation Temperature	-25 °C to 60 °C (-13 °F to 140 °F)
Storage Temperature	-25 °C to 60 °C (-13 °F to 140 °F)
Operation Humidity	10% to 90%
IP Rate	IP65
Dimension(W × H × D)	67.3 mm × 141.6 mm × 60 mm
Weight	301 g
Mounting Height	2.5 to 3m High Mount 0.8 to 1.2m Low Mount
Mounting Method	Wall
Application Scenario	Indoor, Outdoor
Bracket	Adjustment bracket included

UD28158B



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About this Manual

This Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

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 harmonised European standards listed under the Directive 2014/30/EU (EMCD), Directive 2014/53/EU (LVD), Directive 2011/65/EU (RoHS).

 Directive 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.recycthis.info

 Directive 2006/66/EC and its amendment 2013/74/EU (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.recycthis.info.

BATTERY CAUTION

-  1. Risk of 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.

 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.

INSTALLATION CAUTION

-  1. Install the equipment according to the instructions in this manual.
- 2. To prevent injury, this equipment must be securely attached to the floor/wall in accordance with the installation instructions.

CAUTION

 The serial port of the equipment is used for debugging only.
No naked flame sources, such as lighted candles, should be placed on the equipment.

FCC Note: This product has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: Due to the device size limit, the above statement may not be disclaimed on the device.