

DS-PDD12-EG2

12 m Pet Immune Dual-Tech Detector

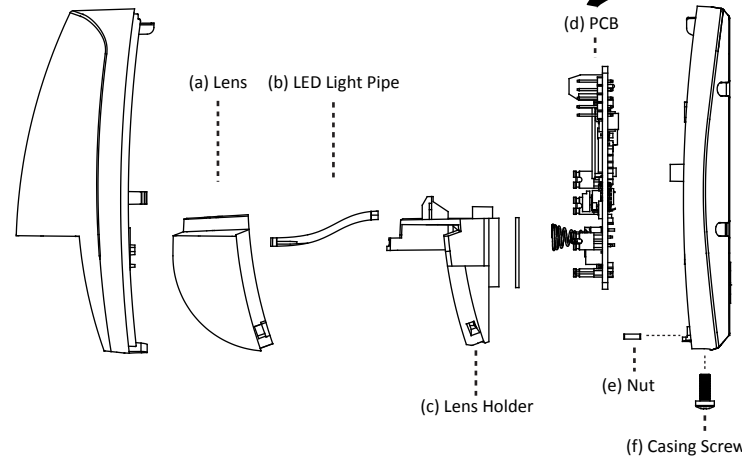
HIKVISION



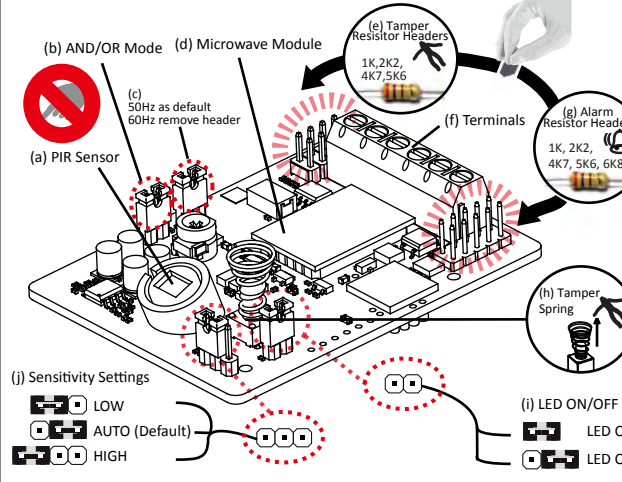
EN50131-1:2006+A1:2009+A2:2017
EN 50131-2-4:2008
Security Grade 2
Environment class II

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It includes instructions on how to use the Product. The software embodied in the Product is governed by the user license agreement covering that Product.
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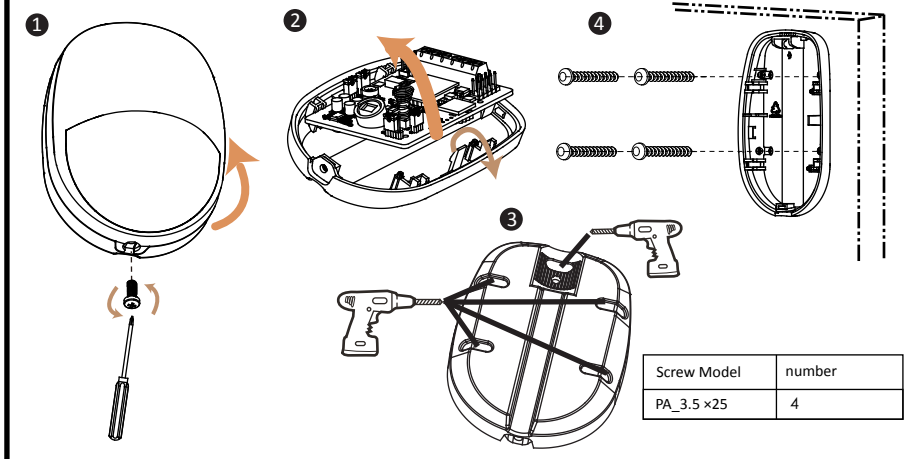
1 Disassembling the Detector



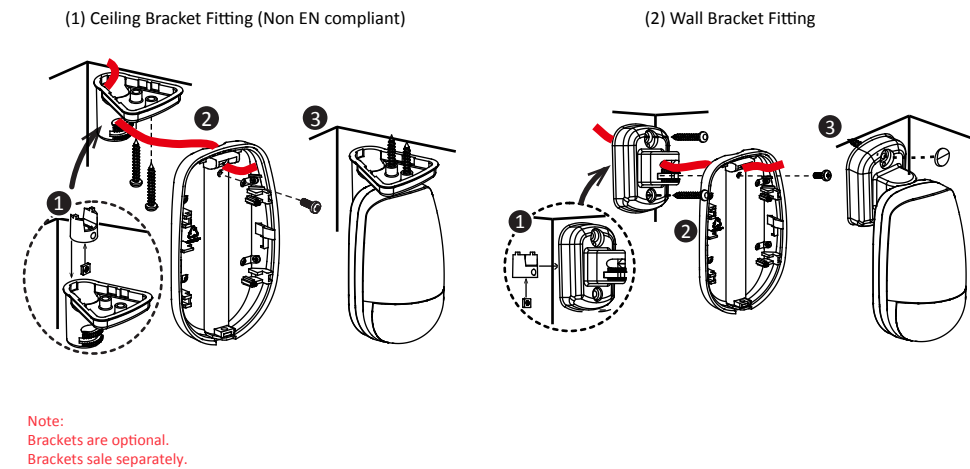
2 The Printed Circuit Board (PCB)



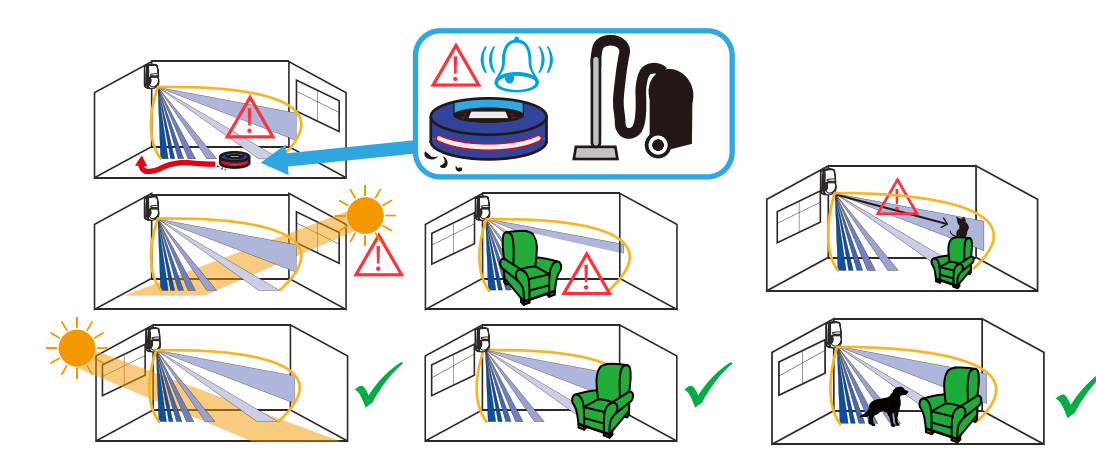
3 Installation Method - Detector Backplane Installation



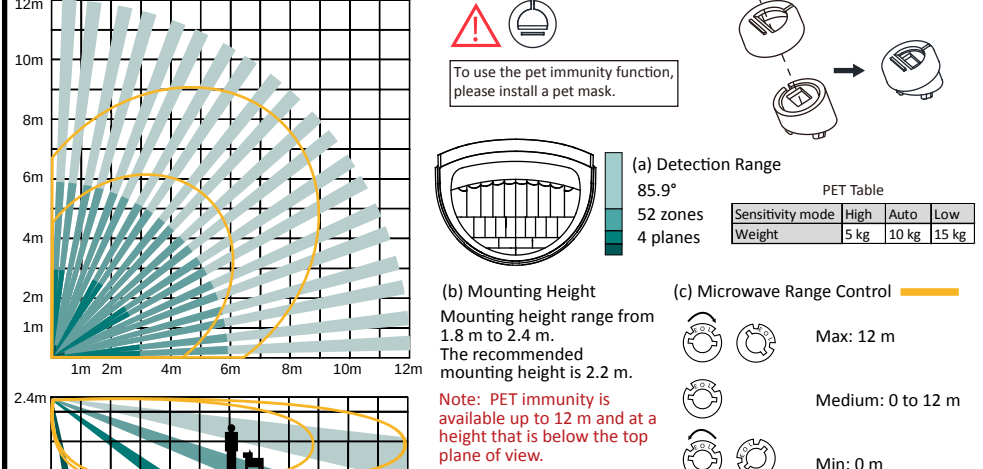
4 Installation Method - Bracket Installation



5 Installation Hints

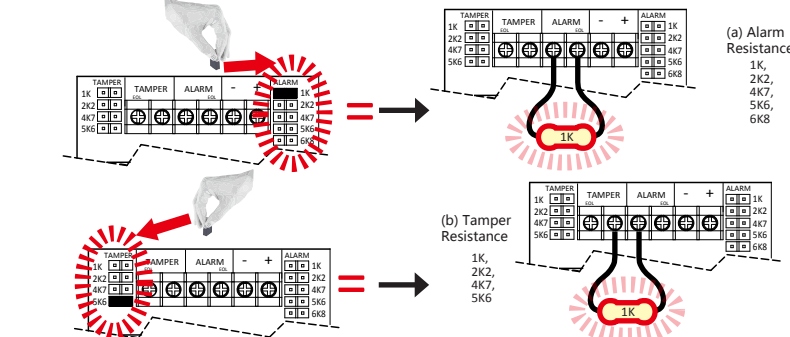


6 The 12 m Lens

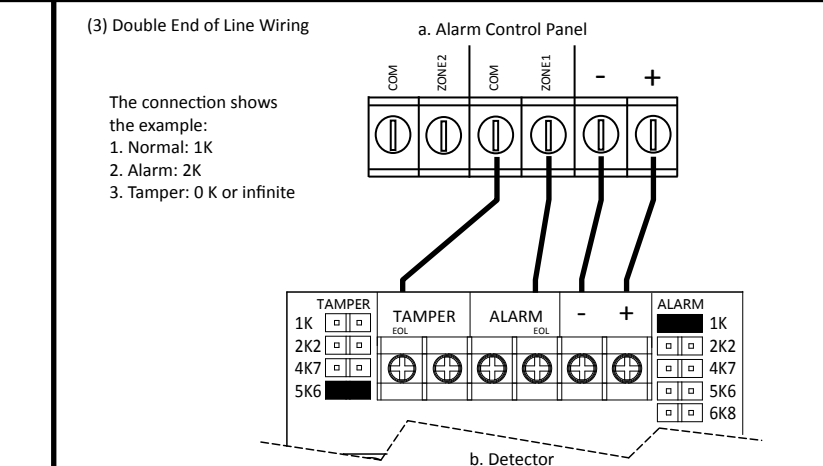
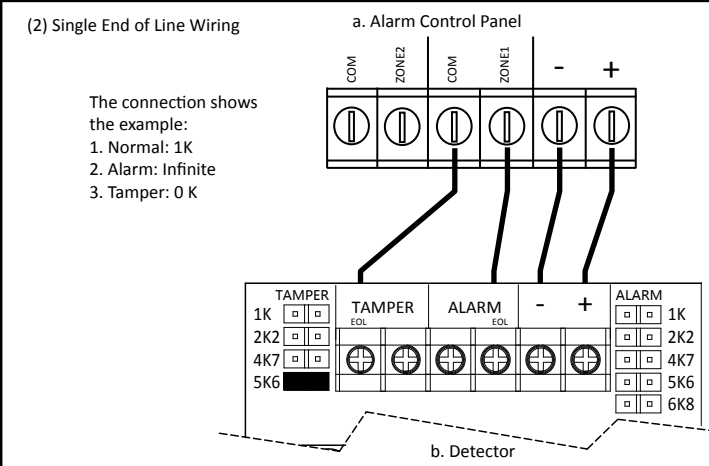
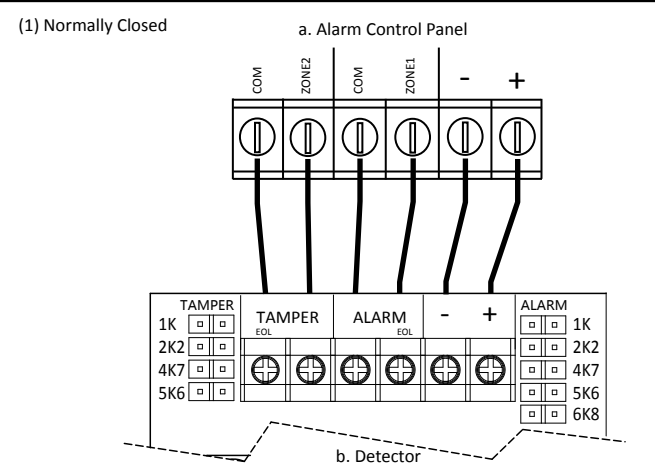


7 Resistor Wiring

The detector has two method for resistor wiring:
(1) Using headers to select the End of Line resistance (Control panel dependent) on the ALARM/TAMPER header pins.
(2) Select an end resistance (Control panel dependent), and add the resistor to ALARM/TAMPER wiring ports of the detector.
Note: If EOL (End of Line) wiring is not used, leave the headers OFF. If the headers and the header pins does not match, do not force the header, please select the method 2 to wire the resistor. Method 1 and method 2 should not be used on the ALARM/TAMPER at the same time.

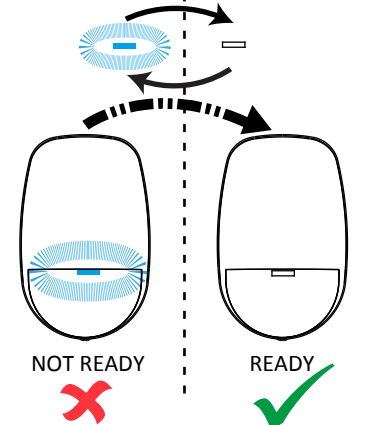


8 Choose the Connection Type

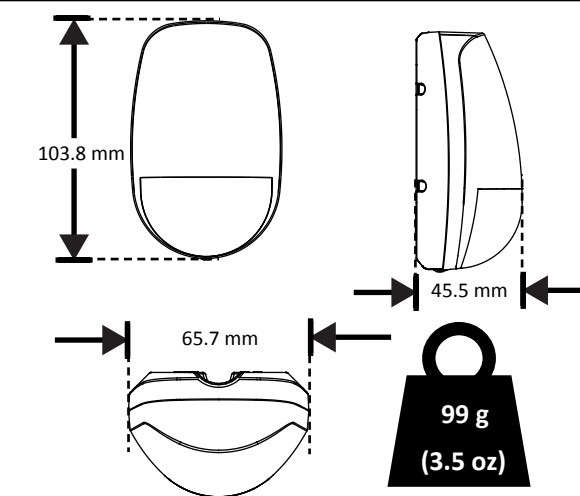


9 Powering up

After powering on, the indicator flashes rapidly. Once the detector self test is completed, the LED indicator will go out until the detector detects movement.



10 Dimension and Weight



11 Technical Specification

Detection range	12m, 85.9°
Detection speed	0.3 to 2 m/s
Sensitivity	High, Auto, Low
Auto sensitivity	Yes
Onboard EOL	Yes
Digital temperature compensation	Yes
Technology	Digital microprocessor based
SEC technology	Yes
Sealed optics	Yes
Creep zone protection	Yes
Direct light filter	6500lux
Tamper protection	Front
LED indicators	Green(PIR), Orange(microwave), Blue(alarm)
Microwave frequency	24Ghz (24.1925Ghz to 24.2125Ghz)
Microwave range	Potentiometer adjustment
AND/OR Mode	PIR / MW
Pet immunity	10Kg (With optional pet mask)
Power supply	9 to 16 VDC (standard: 12 VDC)
Current consumption	< 15 mA (12 VDC) - Both quiescent and alarm
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)
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 (H x W x D)	103.8 mm x 65.7 mm x 45.5 mm
Weight	99 g
Bracket	Optional wall & ceiling accessory

Legal Disclaimer
TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE PRODUCT DESCRIBED, WITH ITS HARDWARE, SOFTWARE AND FIRMWARE, IS PROVIDED "AS IS", WITH ALL FAULTS AND ERRORS, AND HIKVISION MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, TO THE FOLLOWING TWO CONDITIONS:
(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
The connection shows the example:
1. Normal: 1K
2. Alarm: Infinite
3. Tamper: 0 K

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, the LVD Directive 2014/35/EU, the RoHS Directive 2011/65/EU.

IC Information
CLASS B: CAN ICES-3 (B)/NMB-3(B)
Industry Canada ICES-003 Compliance
This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexemptés de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To increase potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.
Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émission par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.
This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.
Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

Class B: This device is intended for mainly home use (Class B) and may be used in all areas marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the LVD Directive 2014/35/EU, the RoHS Directive 2011/65/EU.

FCC Information
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.
FCC compliance: This equipment 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 equipment 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 equipment 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.
FCC Conditions
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.
2. This device must accept any interference received, including interference that may cause undesired operation

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

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