




HIKVISION DS-PDD15AM-EG2 15m Dual-Tech Wireless Detector User Manual

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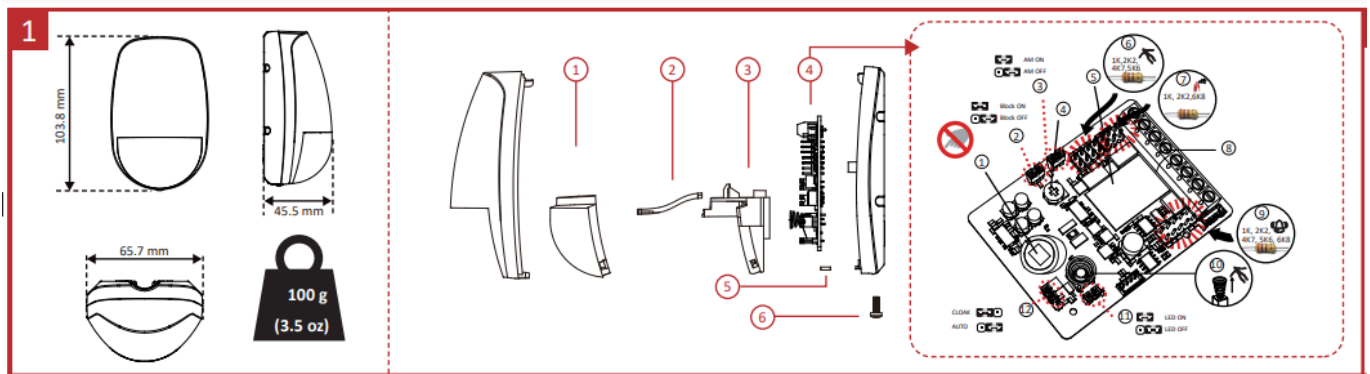
HIKVISION DS-PDD15AM-EG2 15m Dual-Tech Wireless Detector User Manual



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Appearance




1. Lens
2. LED Light Pipe
3. Lens Holder
4. PCB
5. Nut
6. Casing Screw

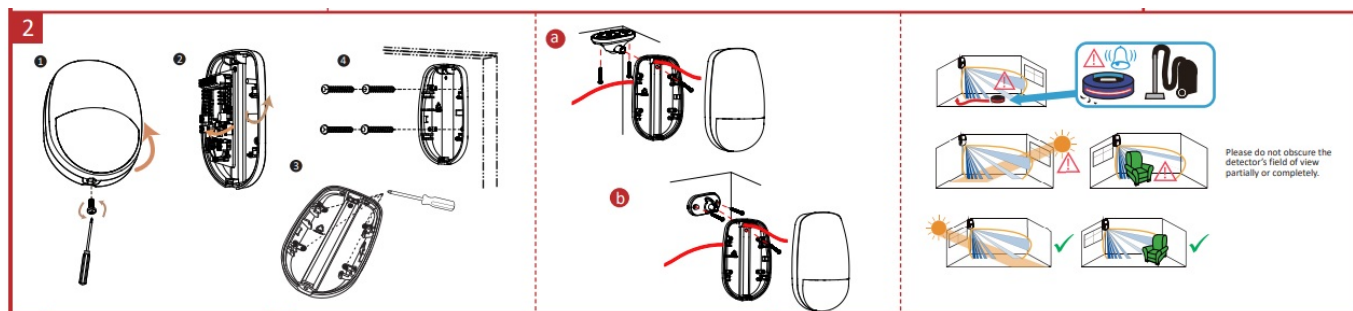
The Printed Circuit Board (PCB)

1. PIR Sensor
2. Block  Block ON  Block OFF 
3. Anti-Masking  Anti-Masking ON  Anti-Masking OFF 
4. MW Range Control
5. Microwave Module
6. Tamper Resistor Jumpers
7. Mask Resistor Jumpers
8. Terminals
9. Alarm Resistor Jumpers
10. Tamper Spring

11. LED  LED ON  LED OFF

12. Sensitivity Settings CLOAK  AUTO

Installation



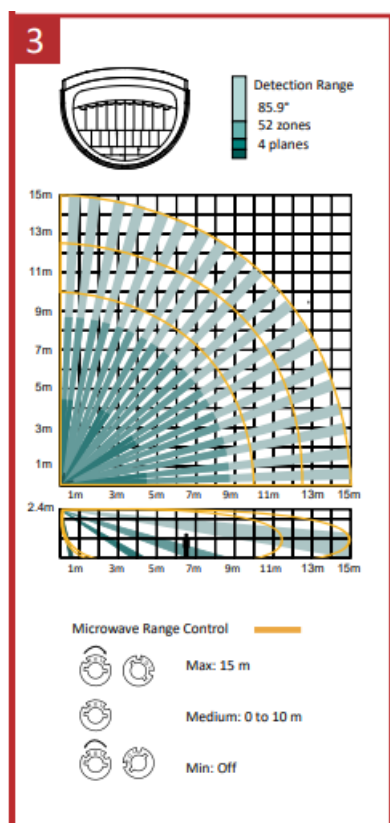
Screw Model: PA_3.5 ×25 (4 screws)

a. Ceiling Bracket Fitting

b. Wall Bracket Fitting

Note: Brackets are optional.

The 15 m Lens



a. Detection Range: 85.9°, 52 zones, 4 planes

b. Mounting Height:

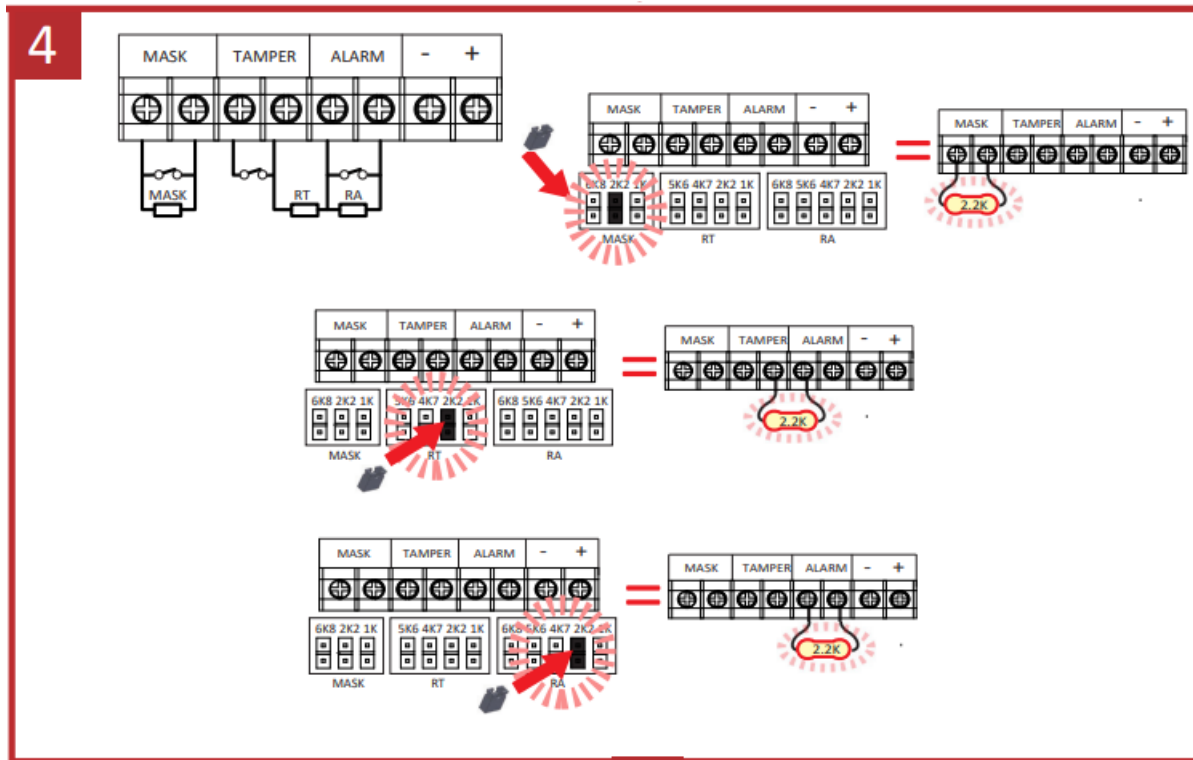
Mounting height range from 1.8 m to 2.4 m.

The recommended mounting height is 2.2 m.

c. Microwave Range Control:

Max: 15 m Medium: 0 to 10 m Min: Off

Resistor Wiring



Relay Status

	Normal	Alarm	Mask	Fault
Alarm Relay	Close	Open	Open	Close
Mask Relay	Close	Close	Open	Open

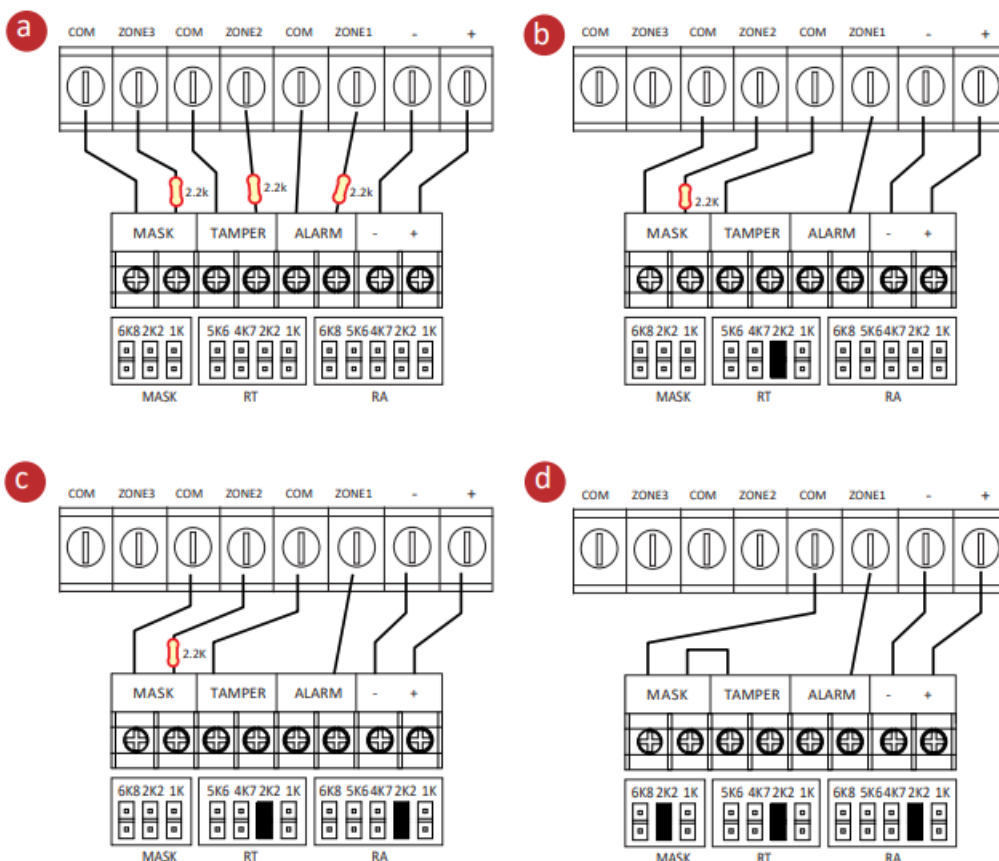
The detector has two method for resistor wiring:

1. Using jumpers to select the End of Line resistance (Control panel dependent) on the ALARM/TAMPER/MASK pins.
2. Select an resistance (Control panel dependent), and add the resistor to

ALARM/TAMPER/MASK wiring ports of the detector.

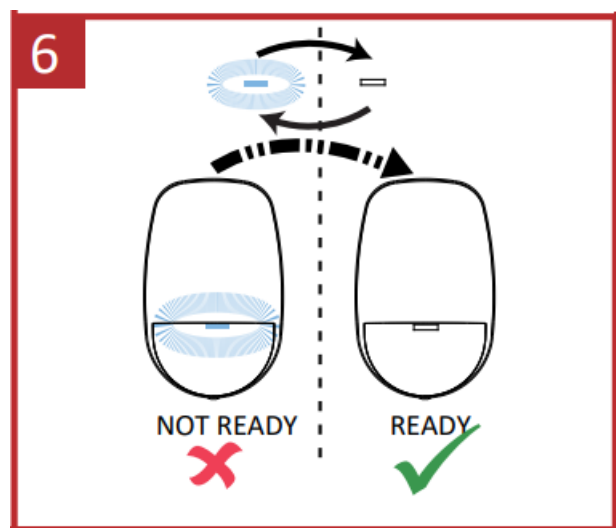
- a. Alarm Resistance: 1K, 2K2, 4K7, 5K6, 6K8
- b. Tamper Resistance: 1K, 2K2, 4K7, 5K6
- c. Mask Resistance: 1K, 2K2, 6K8

Connection Type



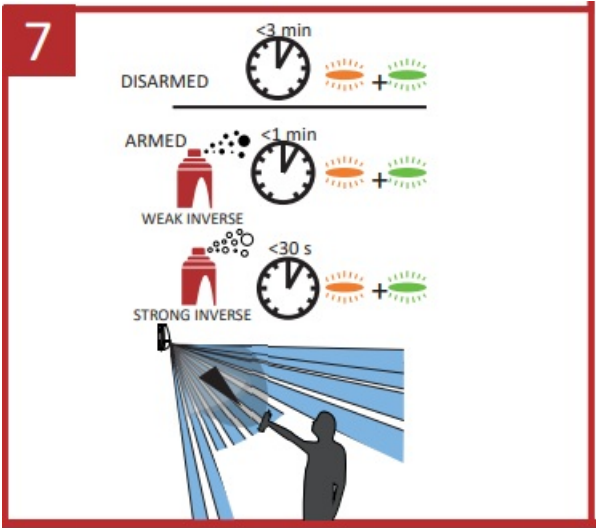
- a. Normally Closed
- b. Single End of Line Wiring
- c. Double End of Line Wiring
- d. Triple End of Line Wiring

Powering on

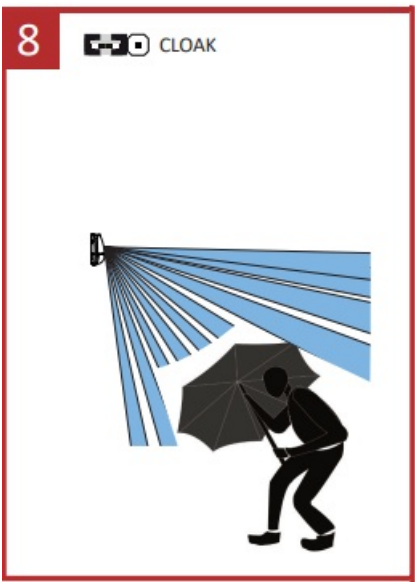


After powering on, the indicator flashes rapidly. Once the detector self test is completed, the LED indicator will go out until the detector detects movement.

Anti-Masking Alarm



Anti-Cloaking Alarm



Specification

Detection Method	Passive Infrared, Microwave
Detection Range	15m
Detection Angle	85.9°
Detection Zones	52

Detectable Speed	0.3 2m/s
Sensitivity	Auto, Low
White Light Filter	6500lux
Microwave Frequency	24GHz (24.15~24.25GHz)
Digital Temperature Compensation	Support
Creep Zone Protection	Support
Digital Processing	Support
Sealed Optics	Support
Tamper Protection	Front
Anti-masking	Support
Anti-cloaking	Support
Anti-blocking	Support
Alarm Output	Normally Closed
LED Indicator	Green (PIR), Red (Microwave), Blue (Alarm)
Transmission Method	Wired

Power Supply	9 to 16 VDC
Typical Voltage	12 VDC
Power Consumption	25mA Max
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operation Humidity	10% to 90%
Dimension(W x H x D)	65.7 mm (2.59") × 103.8 mm (4.09") × 45.5 mm (1.79")
Weight	100g
Mounting Height	1.8 m to 2.4 m
Mounting Method	Wall
Application Scenario	Indoor
Bracket	Optional wall & ceiling accessory

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About this Manual

The 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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INSTALLATION CAUTION



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.

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DS-PDD15AM-EG2, 15m Dual-Tech Wireless Detector, Wireless Detector, 15m Dual-Tech Detector, Detector, DS-PDD15AM-EG2

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