


**HIKVISION**  
**HIKVISION DS-**  
**PDP18-EG2**  
**Wired PIR**  
**Detector**



## HIKVISION DS-PDP18-EG2 Wired PIR Detector User Guide

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**HIKVISION**

**HIKVISION DS-PDP18-EG2 Wired PIR Detector**



## Product Information

### Specifications

- Model: DS-PDP18-EG2
- Type: Wired PIR Detector
- Security Grade: EN50131-2-2:2017
- Environmental Class: EN50131-1:2006+A1:2009+A2:2017+A3:2020 Security Grade (SG) 2 Environmental Class (EC) II
- Weight: 68g (2.4oz)
- Dimensions: 86.8mm x 65.4mm x 45.5mm

### Frequently Asked Questions

#### **Q: How do I adjust the sensitivity settings of the detector?**

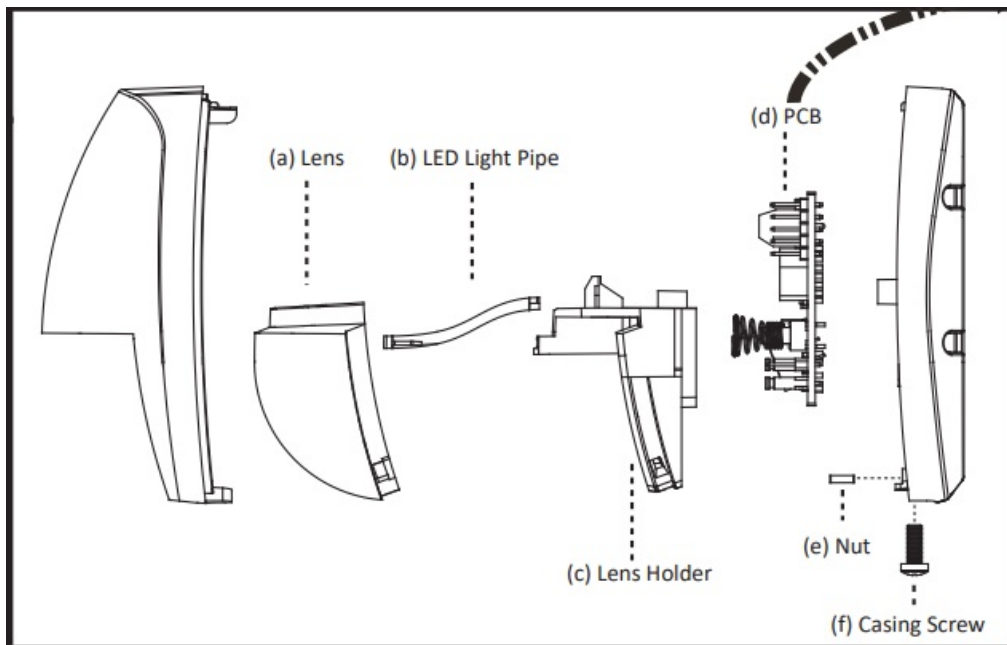
A: You can adjust the sensitivity settings to LOW, AUTO (Default), or HIGH using the provided instructions.

#### **Q: What is the weight limit for pet immunity?**

A: The weight limit for pet immunity is 5 kg for High sensitivity, 10 kg for Auto sensitivity, and 15 kg for Low sensitivity.

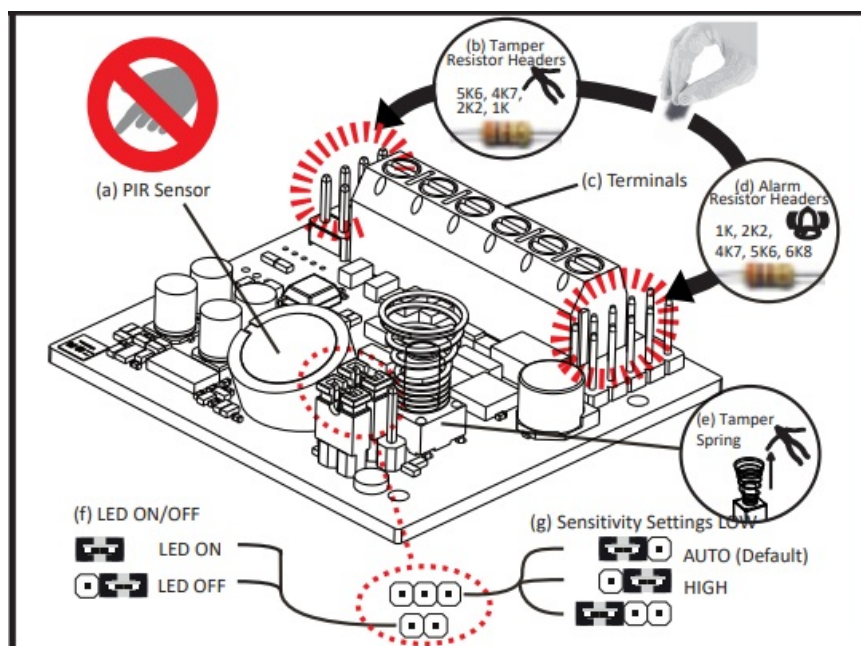
### Disassembling the Detector

Identify and disassemble components: Lens, LED Light Pipe, PCB, Tamper Resistor Headers.



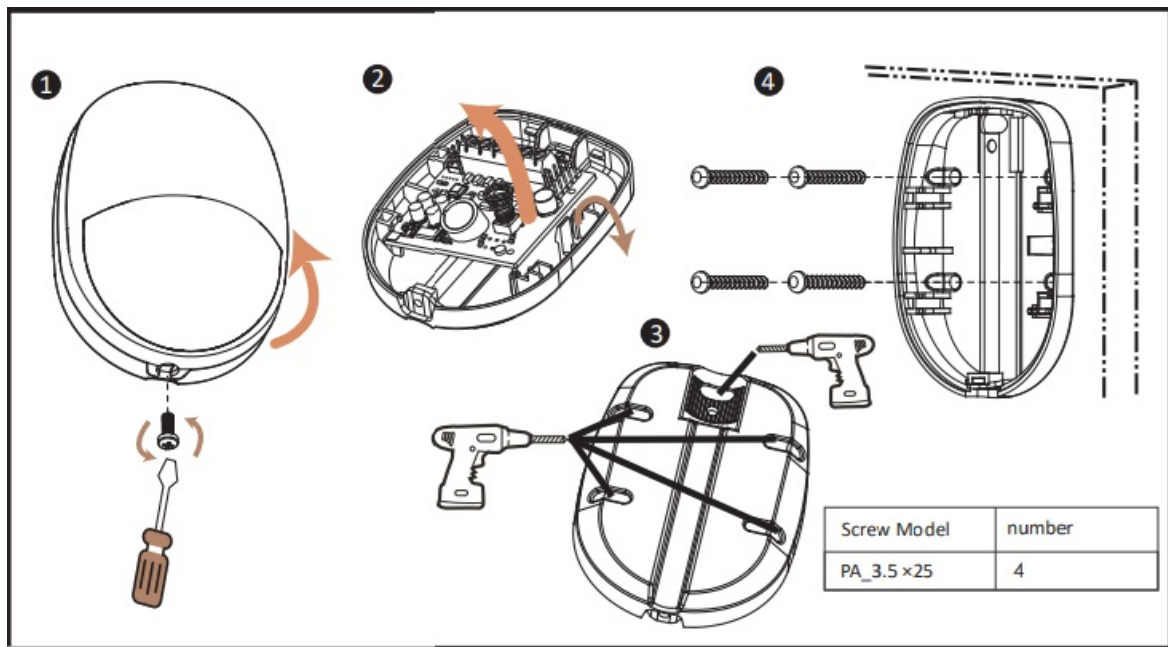
## The Printed Circuit Board PCB

Identify components on the PCB like PIR Sensor, Terminals, Alarm Resistor Headers, and Tamper Spring.



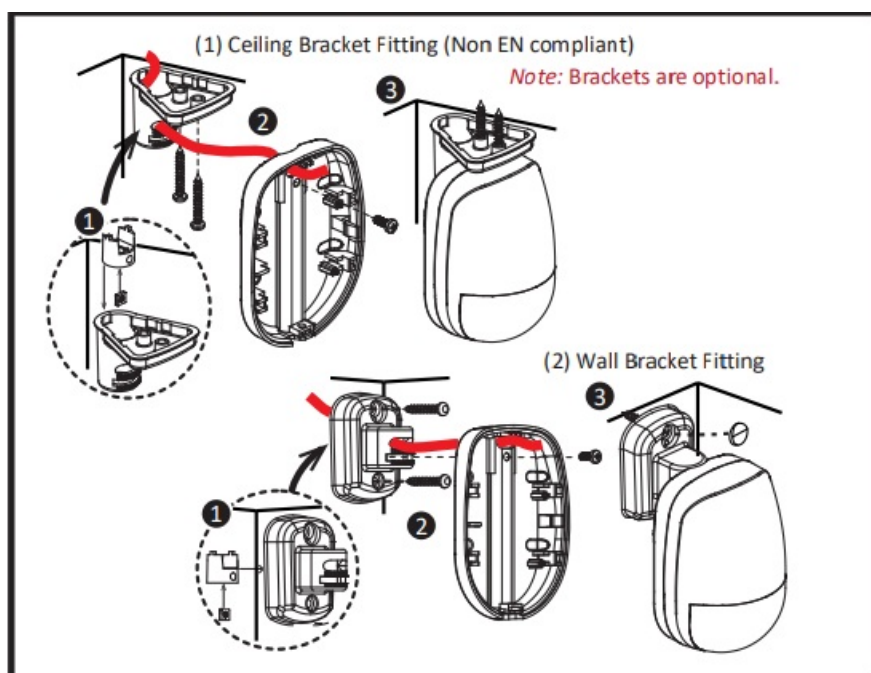
## Installation Method – Detector Backplane Installation

Follow instructions for installing the PIR Sensor, Terminals, and Alarm Resistor Headers on the detector backplane.



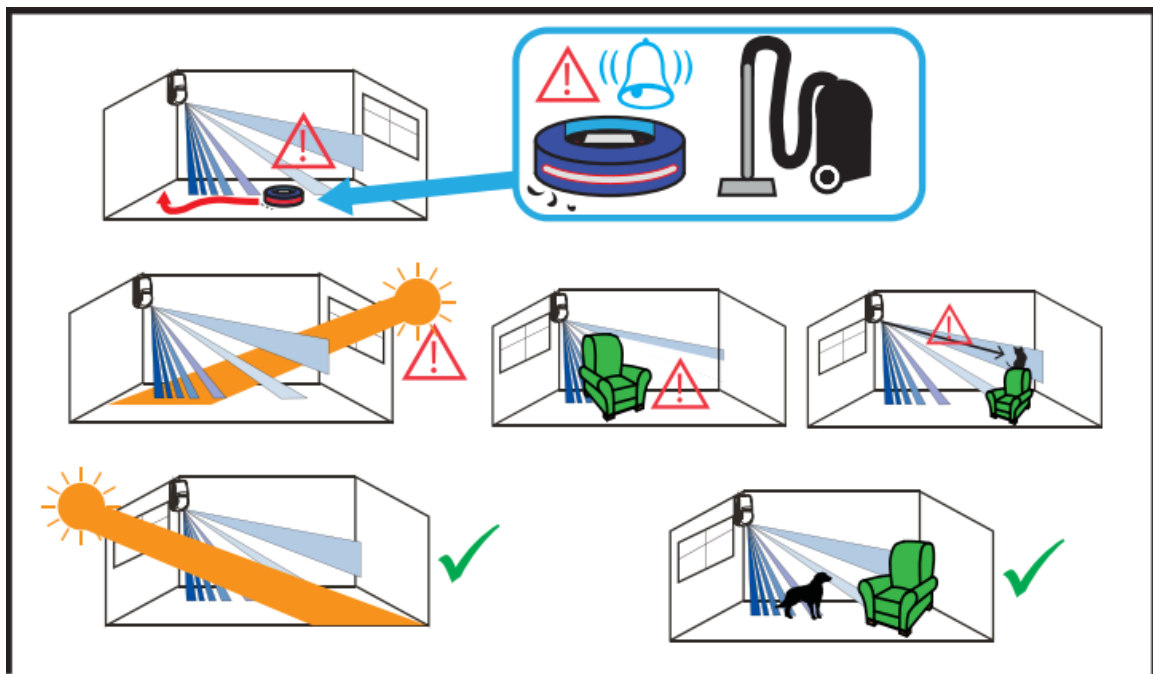
## Installation Method – Bracket Installation

Install the bracket as per the instructions provided. Note that brackets are optional.



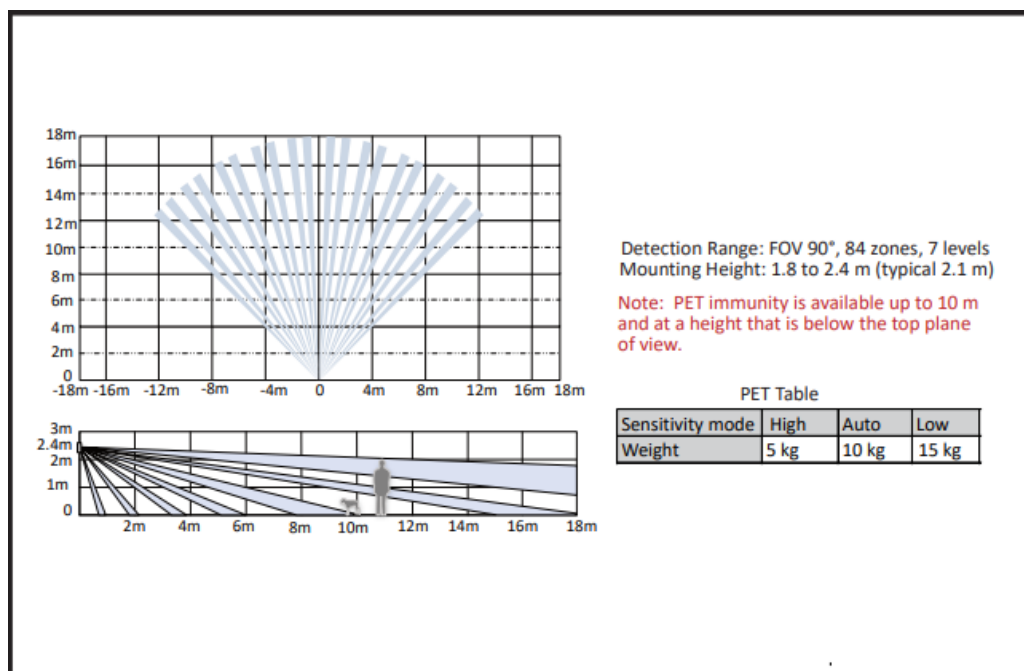
## Installation Hints

Install the lens holder, nut, and casing screw as needed for proper functioning.



## The 18m Lens

Adjust sensitivity settings to LOW, AUTO (Default), or HIGH based on the detection range required.



## Resistor Wiring

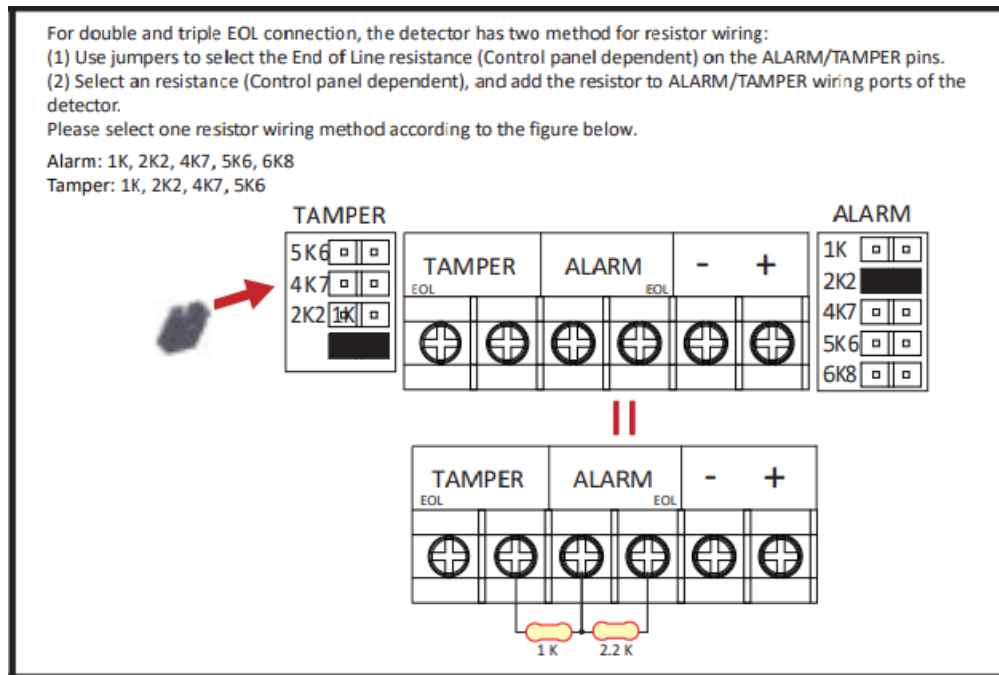
Follow the instructions for resistor wiring based on the desired connection type (None, Single EOL, Double EOL).

For double and triple EOL connection, the detector has two method for resistor wiring:

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

Please select one resistor wiring method according to the figure below.

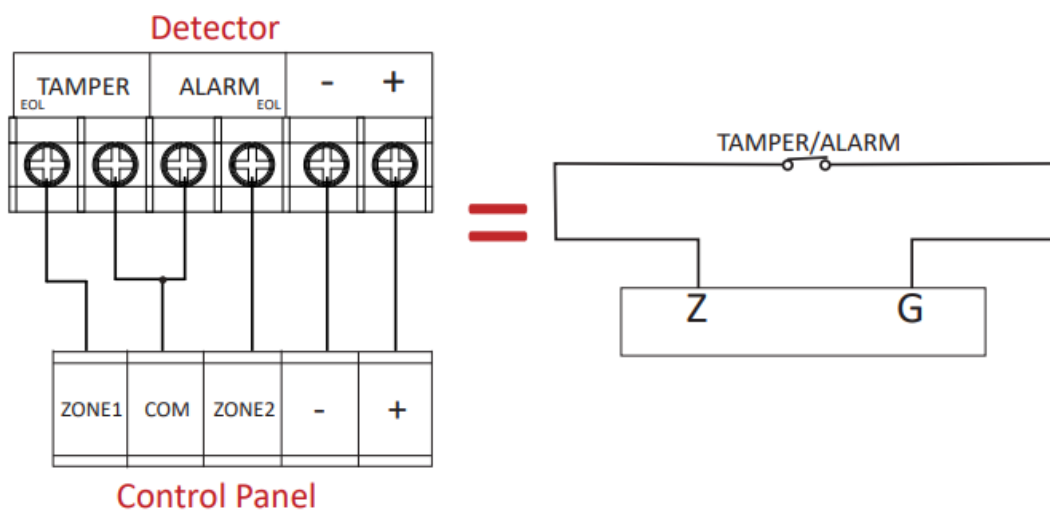
- Alarm: 1K, 2K2, 4K7, 5K6, 6K8
- Tamper: 1K, 2K2, 4K7, 5K6



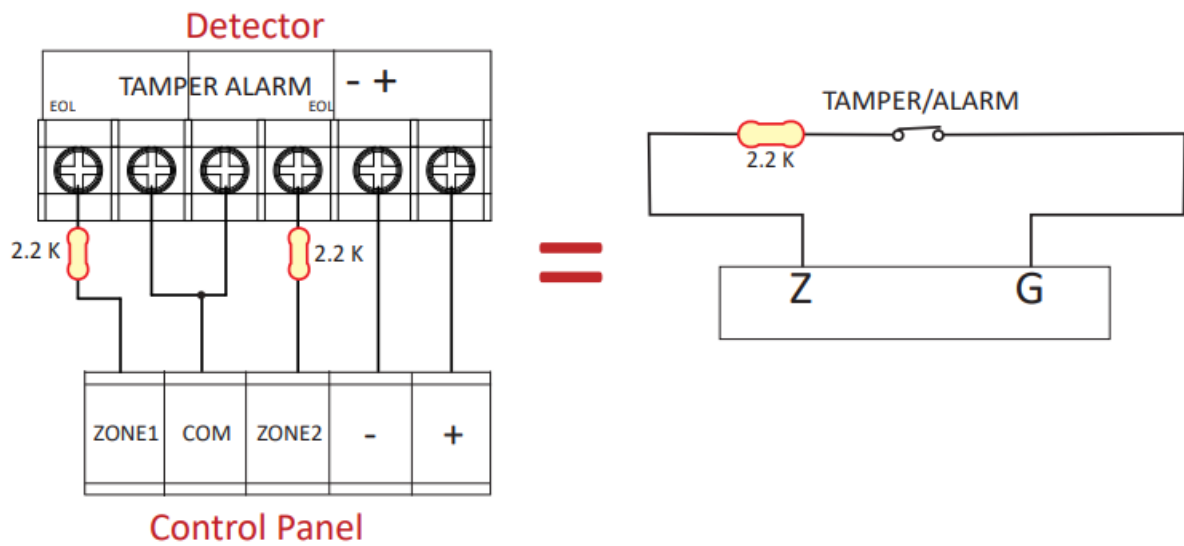
## Connect to Control Panel

Connect the detector to the control panel based on the selected resistor wiring method.

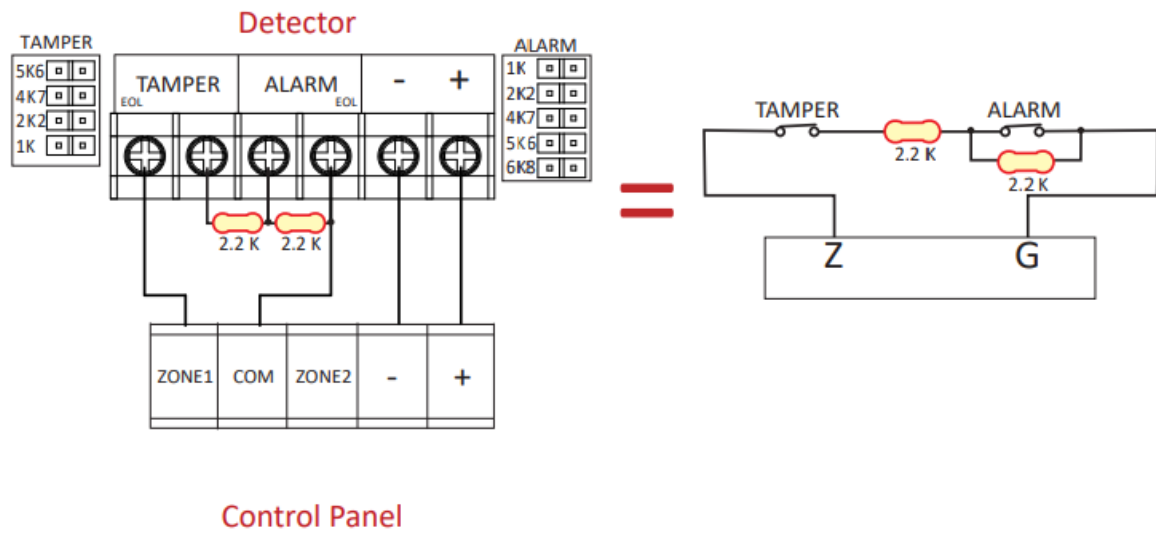
### 1. None Resistor Connection



### 2. Single EOL Connection



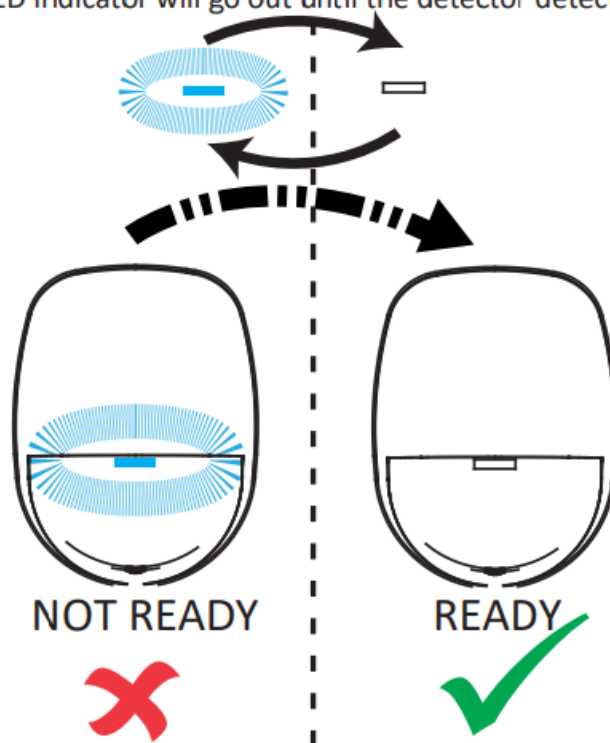
### 3. Double EOL Connection



### Powering up

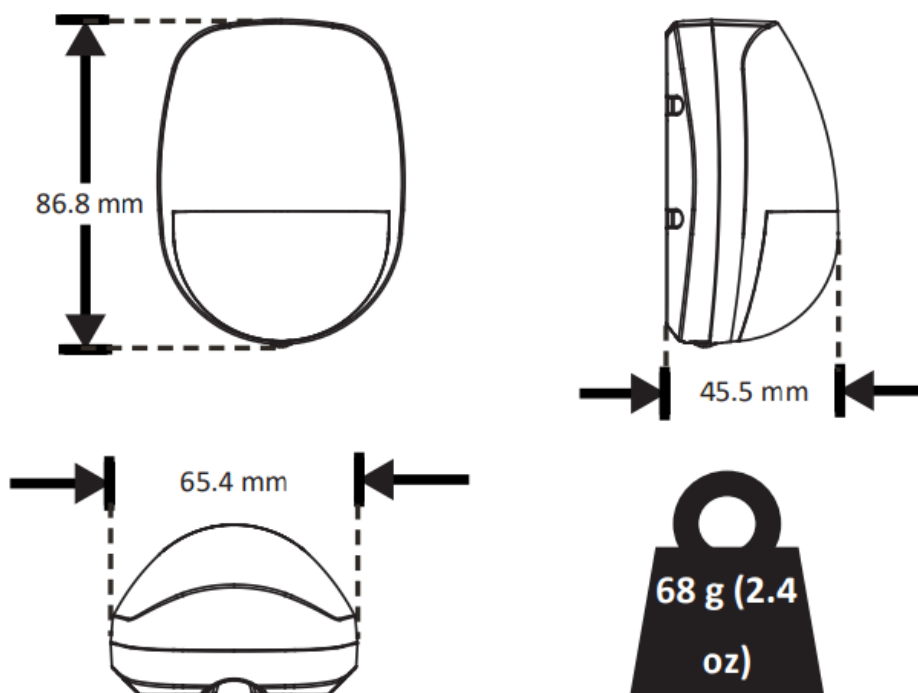
After powering on, the indicator flashes rapidly. Once the detector self test is completed, the LED indicator will go out until the detector detects movement.

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.



### Dimension and Weight

The detector dimensions and weight should be as specified for proper installation.



### 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.

## Documents / Resources



[HIKVISION DS-PDP18-EG2 Wired PIR Detector](#) [pdf] User Guide  
DS-PDP18-EG2 Wired PIR Detector, DS-PDP18-EG2, Wired PIR Detector, PIR Detector, Detect  
or

## References

- [User Manual](#)

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