

DS-PDP18-EG2

PIR Detector

DS-PDP18-EG2 series of passive infrared detectors are equipped with dual-element infrared sensor and 3D Fresnel lens technology. Its detection range can reach 18 meters. When moving objects are detected in the detection area, the detector will output the alarm signal that has been filtered by the circuit, analyzed and calculated by microprocessor algorithm. It is suitable for various indoor scenes.



Available Model

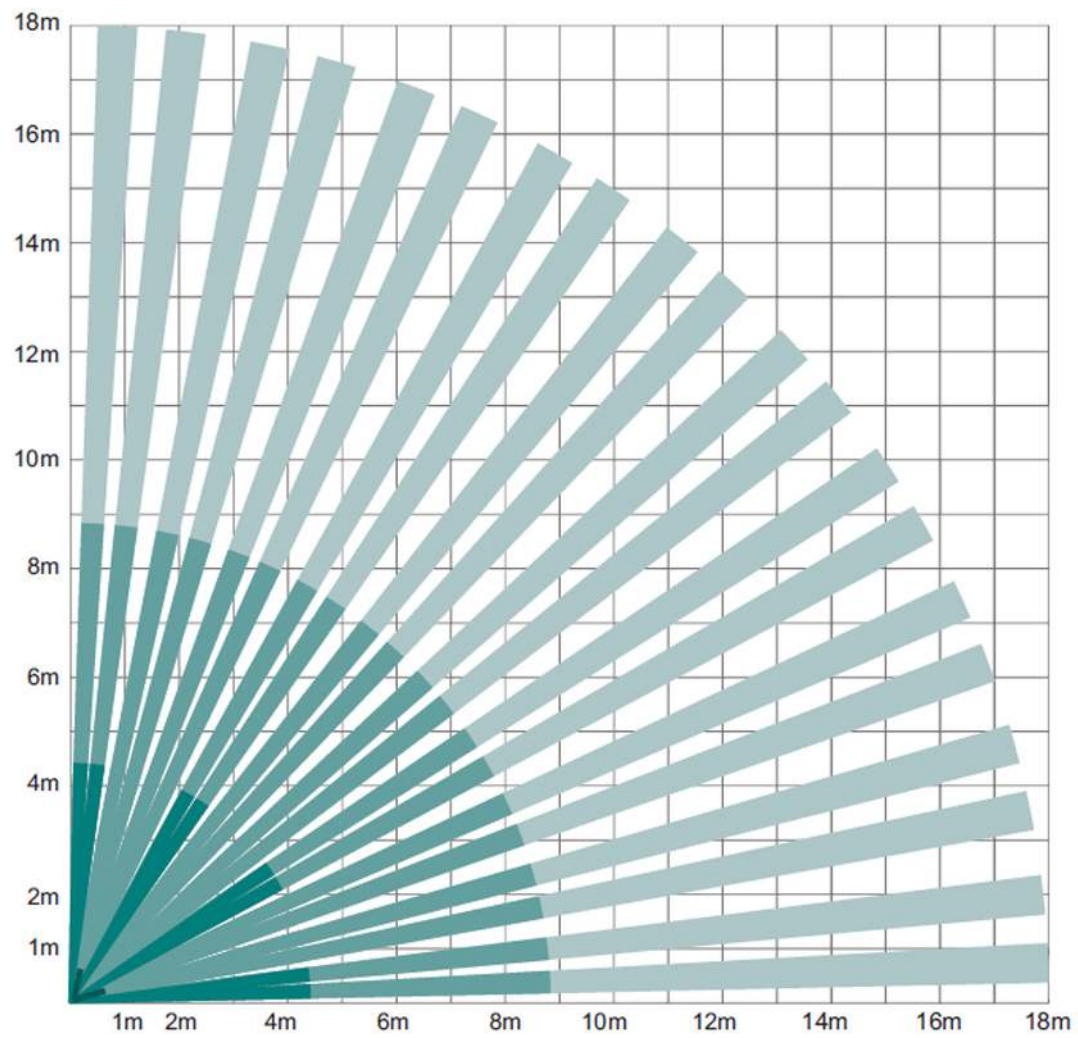
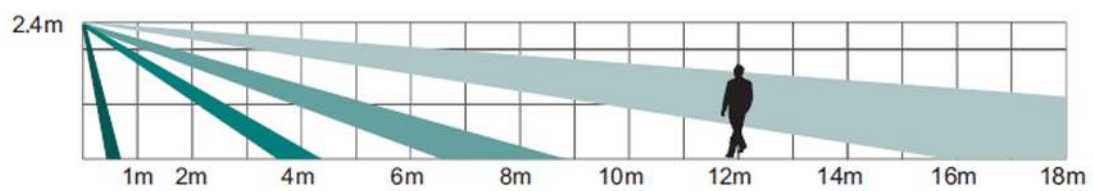
DS-PDP18-EG2

Key Features

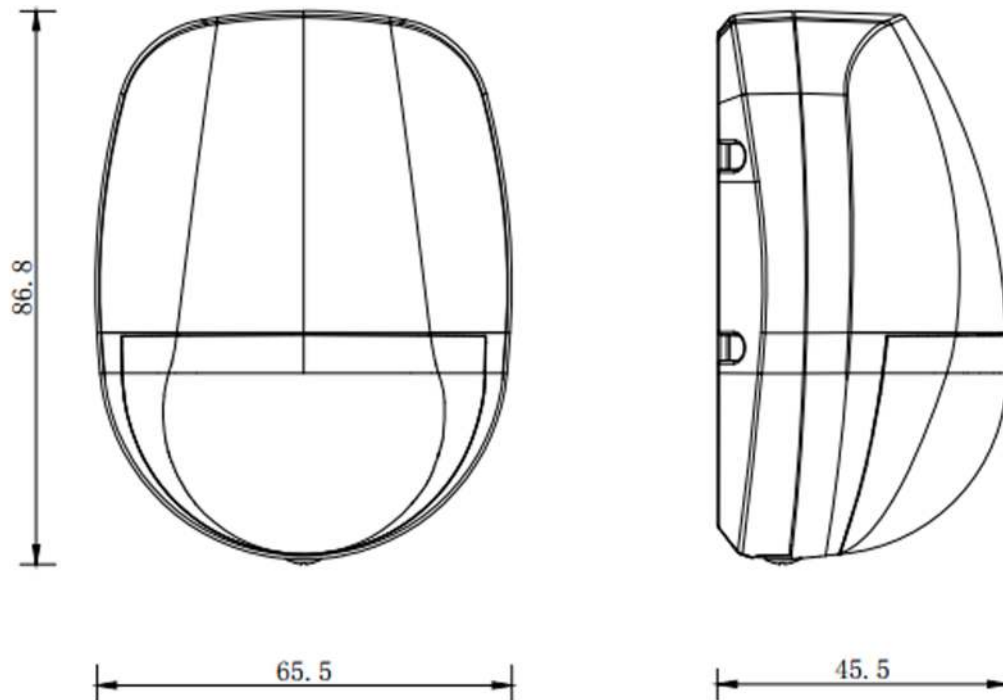
- Optional/Automatic sensitivity
- On-board EOL resistors. No need to add external resistors, which reduces the construction cost
- Supports single/double EOL resistors
- 52 zones 3D optics including creep-zone protection, full coverage without dead angle
- Sealed optics preventing insect invasion
- Global certifications available (EN/CE/FCC/CB/CCC/IC/RCM/KC/LOA)
- Blue LED indicator for displaying alarm events, On/Off configurable
- 9 to 16 V wide voltage adaptation with polarity reverse connection protection
- Wall/Ceiling-mounting brackets available (sold separately)
- Digital temperature compensation



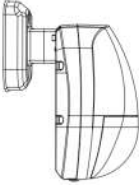
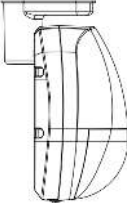
Lens Diagram



Installation



Dimension

Mounting Type	Schematic Diagram	Mounting Type	Schematic Diagram
Wall Mounting		Ceiling Mounting	

Specification

DS-PDP18-EG2	
Detection range	18 m, angle: 85.9°, creep-zone detection supported
Sensitivity	High, Auto, and Low
White light filter	6500 Lux
Tamper-proof	Front
Operation voltage	9 to 16 VDC (standard: 12 VDC)
Current consumption	< 20 mA (12 VDC)
Detection speed	0.3 to 3 m/s
Installation height	1.8 to 2.4 m, recommended: 2.2 m
Operation temperature	-10 °C to +40 °C (14 °F to 104 °F)
Weight	68 g (2.4 oz)
Dimension (W × H × D)	65.4 mm (2.57 ") × 86.8 mm (3.42 ") × 45.5 mm (1.79 ")

Distributed by


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