DS-PDD12-EG2

DS-PDD12-EG2 series of dual-tech detectors are equipped with K-Band 24GHz microwave and 3D fresnel lens technology. Non-interfering technology allowing back to back installation and no penetration through the wall. It allows the detector to be installed and setup quicker than traditional DT's giving time and cost saving advantages to the installer.

- Detection Range: 12m / 85.9°
- Up to 10kg pey immunity within 10m
- Optional/Automatic sensitivity
- Digital temperature compensation
- 52 zones of 3D optics including creep-zone protection, full coverage without dead angle
- selectable EOL resistors for alarm and tamper-proof wiring
- Sealed optics preventing insect interference
- 24Ghz microwave
- Global certifications available (EN Grade2/CE/FCC/CB/CCC/IC/RCM)
- 9 to 16 V wide voltage adaptation with polarity reverse connection protection
- Wall/Ceiling-mounting brackets available (sold separately)
- IFT technology prevents false alarms

▪ Approval

EN Grade 2
CE
FCC
CB
CCC
IC
RCM

▪ Specification

Detection performance	
Detection range	12 m
Detection angle	85.9°
Velocity range	0.3 to 2 m/s
Sensitivity adjustment	High, Auto, Low
Pet Immunity	Up to 10kg (with optional pet mask)
Digital Temperature Compensation	Support
Creep Zone Protection	Support
White Light Filter	6500 lux
Microwave Frequency	24 Ghz (24.15 Ghz to 24.25 Ghz)
Software features	
Sealed Optics	Support
Tamper-Proof	Front
Hardware features	
Indicator	Green(PIR) Orange(Microwave) Blue(Alarm)
Electrical characteristics	
Power supply	9 to 16 VDC
Power Consumption	17 mA Max
Typical Voltage	standard: 12 VDC
General	
Application scenario	Indoor
Dimension(W × H × D)	65.7 mm (2.59 ") × 103.8 mm (4.09 ") × 45.5 mm (1. 79 ")
Weight	99g (3.5 oz)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operation temperature	-10 °C to 55 °C (14 °F to 131 °F)
Operation humidity	10% to 90%
Installation height	1.8 m to 2.4 m
Installation method	Wall-mounted or Ceiling-mounted
Bracket	Optional wall & ceiling accessory
Color	White

▪ **Available Model**

DS-PDD12-EG2

▪ **Accessory**

▪**Optional**

DS-PDB-IN-Ceiling bracket Internal ceiling mounted bracket	DS-PDB-IN-Universal bracket Internal universal bracket	DS-PDB-IN-Wall bracket Internal wall mounted bracket

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