

DS-PDD12-EG2 Dual-Tech Detector

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.



Available Model

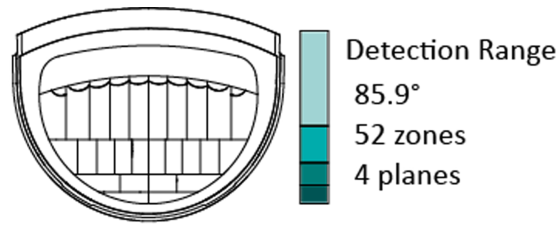
DS-PDD12-EG2

Key Features

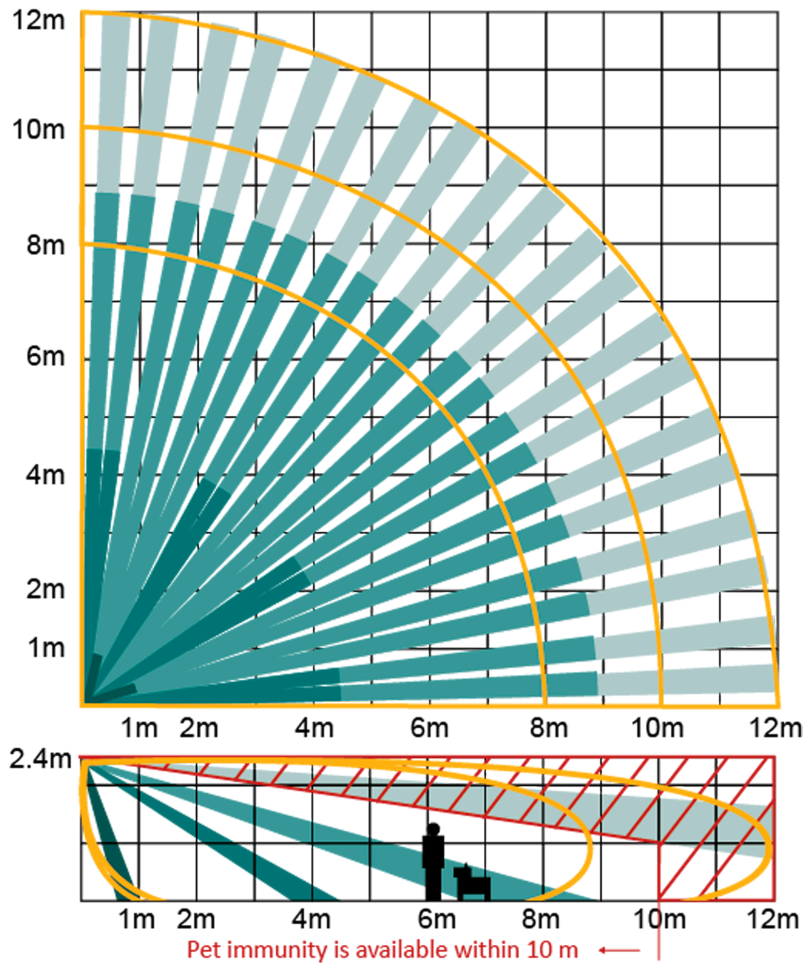
- Optional/Automatic sensitivity
- Up to 12m detection range
- Digital temperature compensation
- 52 zones of 3D optics including creep-zone protection, full coverage without dead angle
- selectable EOL resistors for alarm and tamper-proof wiring
- Sealed optics preventing insect interference
- 24G microwave
- 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



Lens Diagram



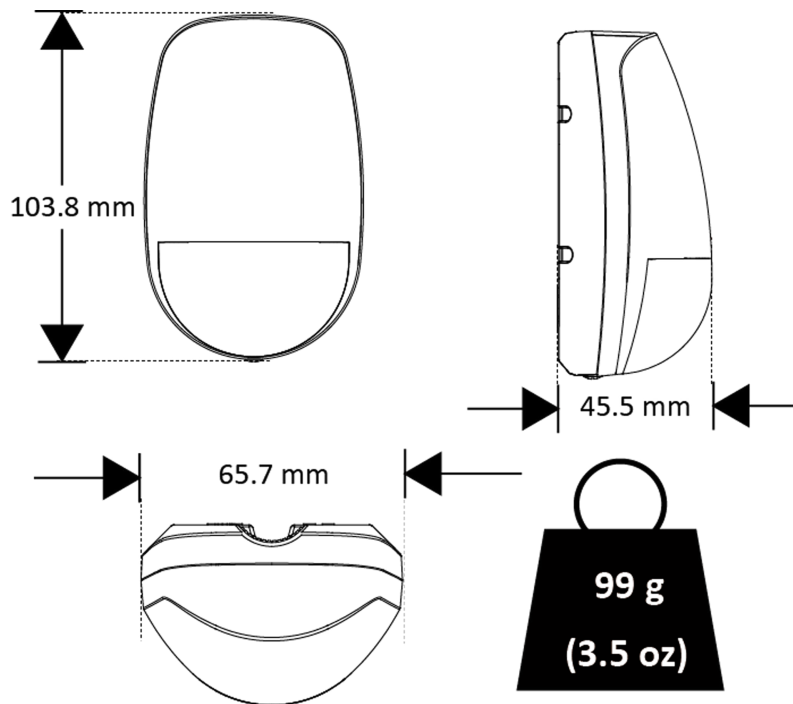
Microwave Range Control



Note:

- To use the pet immunity function, please install a pet mask.
- PET immunity is available up to 10 m and at a height that is below the top plane of view.

Installation



Dimension

| Mounting Type | Schematic Diagram | Mounting Type | Schematic Diagram |
|---------------|-------------------|------------------|-------------------|
| Wall Mounting | | Ceiling Mounting | |

Specification

| DS-PDD12-EG2 | |
|----------------------------------|---|
| Detection range | 12 m, 85.9° |
| Detection speed | 0.3 to 2 m/s |
| Sensitivity | High, auto, and 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 | 6500 lux |
| Tamper protection | Front |
| LED indicator | Green(PIR),orange(microwave), blue(alarm) |
| Microwave frequency | 24 Ghz (24.15 Ghz to 24.25 Ghz) |
| AND/OR mod | AND = PIR + MW OR = PIR / MW (shouldn't be used with pets) |
| Pet immunity | 10 kg (with optional pet mask) |
| Power supply | 9 to 16 VDC (standard: 12 VDC) |
| Current consumption | 17 mA quiescent; 15 mA 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 m to 2.4 m |
| Dimension (H × W × D) | 103.8 mm (4.09 ") × 65.7 mm (2.59 ") × 45.5 mm (1.79 ") |
| Weight | 99 g (3.5 oz) |
| Bracket | Optional wall & ceiling accessory |

Distributed by

**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com