

## DS-PDD12P-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 30kg pey immunity
- 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
- 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

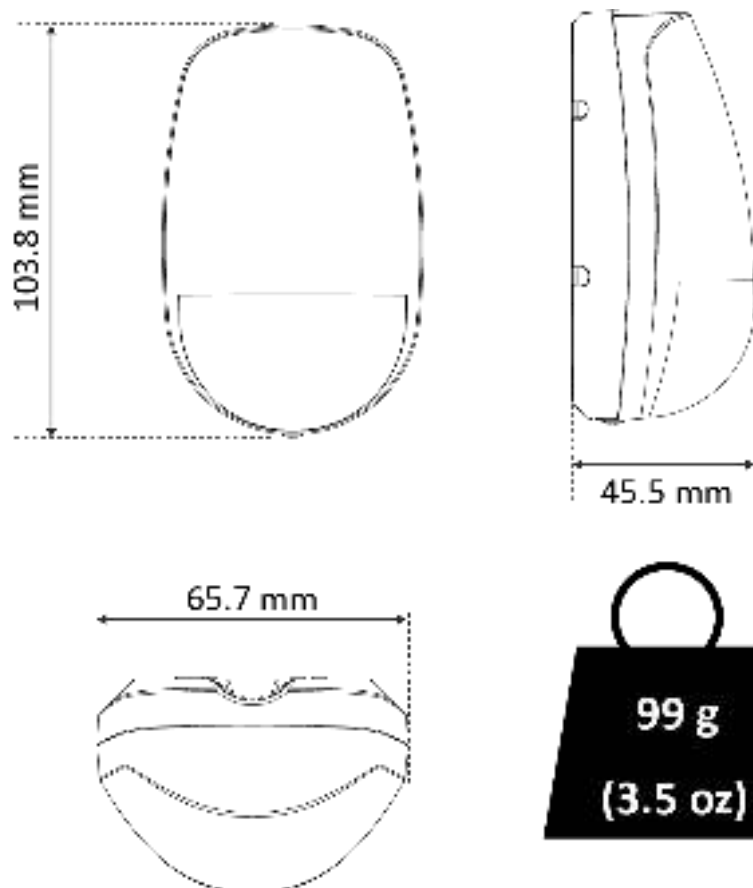
EN Grade 2
CE
FCC
CB
CCC
IC
RCM



## ▪ Specification

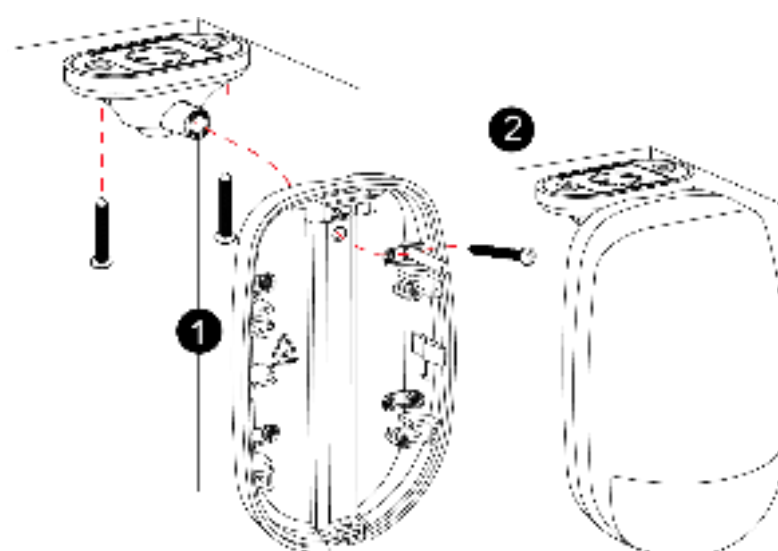
Detection Performance	
Detection Method	Passive Infrared,Microwave
Detection Range	12m
Detection Angle	85.9°
Detection Zones	52
Detectable Speed	0.3 ~ 2m/s
Sensitivity	Auto,Pet
Pet Immunity	30Kg
White Light Filter	6500lux
Microwave Frequency	24GHz(24.15 ~ 24.25GHz)
Digital Temperature Compensation	Support
Creep Zone Protection	Support
Feature	
Digital Processing	Support
Sealed Optics	Support
Tamper Protection	Front
Interface	
Alarm Output	Normally Closed
LED Indicator	Green(PIR), Orange(Microwave), Blue(Alarm)
Transmission	
Transmission Method	Wired
Electrical Characteristics	
Power Supply	9 to 16 VDC
Typical Voltage	12 VDC
Power Consumption	17mA Max
General	
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(WxHxD)	65.7 mm (2.59 ") × 103.8 mm (4.09 ") × 45.5 mm (1.79 ")
Weight	99g (3.5 oz)
Mounting Height	1.8 m to 2.4 m
Mounting Method	Wall
Application Scenario	Indoor
Bracket	Optional wall & ceiling accessory

▪ **Dimension**

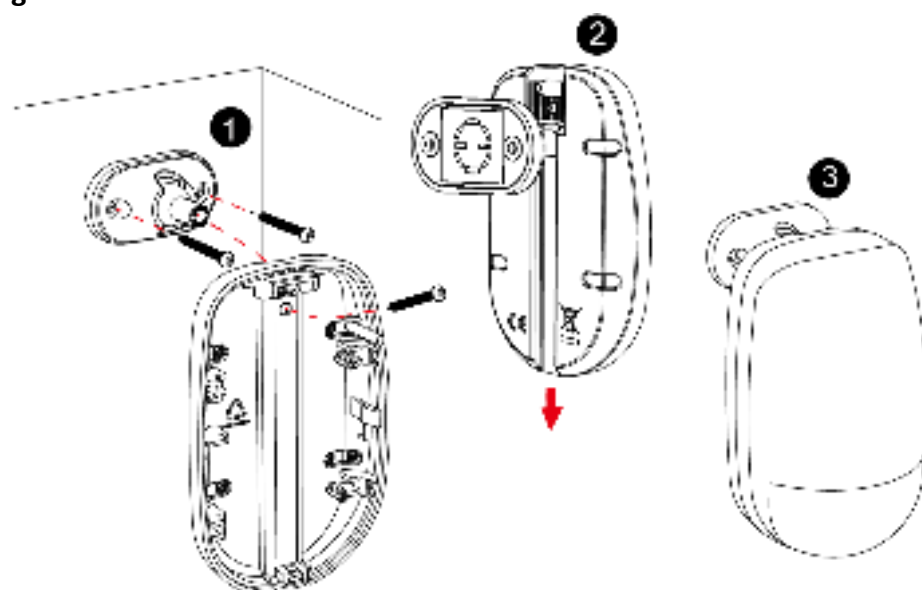


▪ **Installation**

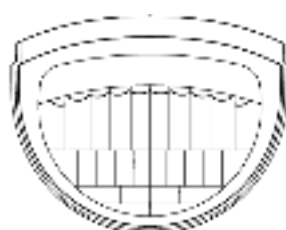
▪ **Ceiling Bracket Fitting**



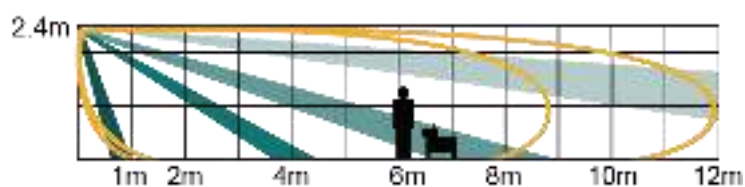
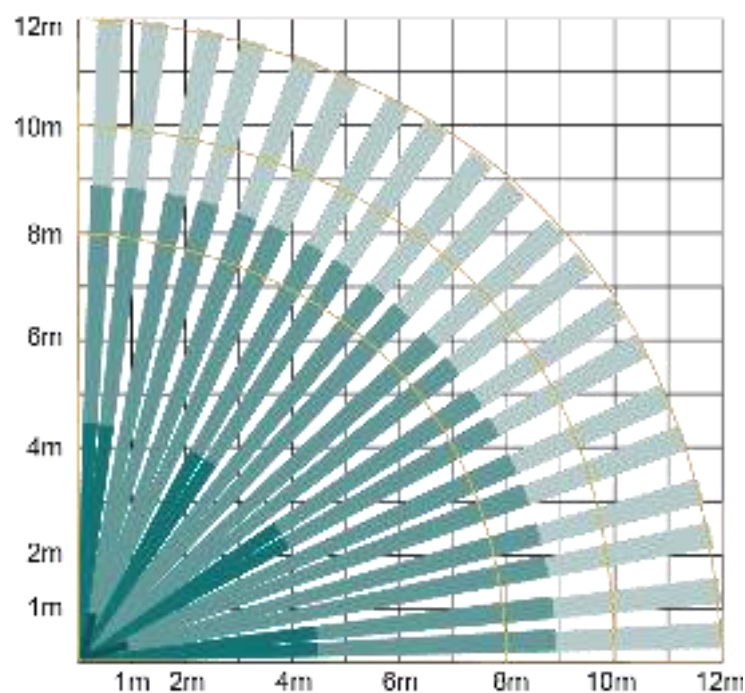
▪ Wall Bracket Fitting



# Detection Range



Detection Range  
85.9°  
52 zones  
4 planes



Microwave Range Control



Max: 11 to 12 m



Medium: 2 to 11 m



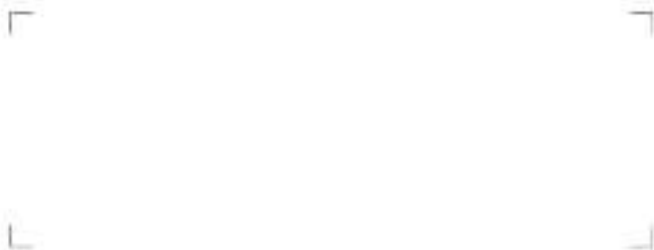
Min: 0 to 2 m

- Accessory
- Optional

DS-PDB-IN-Wallb racket	DS-PDB-IN-Ceilin gbracket	DS-PDB-IN-Unive rsalbracket
Internal ceiling mounted bracket	Internal wall mounted bracket	Internal universal bracket
		

- Available Model
- DS-PDD12P-EG2

Distributed by:



## HIKVISION

### Headquarters

No.555 Qianmo Road, Dingjiang District,  
Hangzhou 310051, China  
T +86-571-8607-6996  
overseasbusiness@hikvision.com

Hikvision USA  
T +1-909-855-9400  
sales.usa@hikvision.com

Hikvision Australia  
T +61-2-8589-4233  
sales.au@hikvision.com

Hikvision India  
T +91-22-28489000  
sales@promathikvision.com

Hikvision Canada  
T +1-866-200-5690  
sales.canada@hikvision.com

Hikvision Thailand  
T +662-275-8949  
sales.thailand@hikvision.com

Hikvision Europe  
T +31-23-6542770  
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) 571 7070- 7074  
sales.tr@hikvision.com

Hikvision Malaysia  
T +6011-7862 2411  
sales.my@hikvision.com

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

Hikvision South Africa  
Tel: +27 (0) 6351172  
sales.za@hikvision.com

Hikvision France  
T +33(0)1-65-330-460  
info.fr@hikvision.com

Hikvision Kazakhstan  
T +7-727-9790667  
nikita.pantilov@hikvision.ru

Hikvision Vietnam  
T +84-942703800  
sales.vt@hikvision.com

Hikvision UAE  
T +971-4-4432260  
sales.me@hikvision.com

Hikvision Singapore  
T +65-6894-4718  
sg@hikvision.com

Hikvision Spain  
T +34-91-737-15-56  
info.es@hikvision.com

Hikvision Tashkent  
T +99-67-1229-9438  
uzb@hikvision.ru

Hikvision Hong Kong  
T +852-2761-1761  
info.hk@hikvision.com

Hikvision Russia  
T +7-495-658-67-89  
sales.ru@hikvision.com

Hikvision Korea  
T +82-031-721-8817  
sales.korea@hikvision.com

Hikvision Poland  
T +48-22-460-07-54  
info.pl@hikvision.com

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

Hikvision Colombia  
sales.colombia@hikvision.com