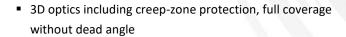


DS-PDD12P-EG2-WE

DS-PDD12P-EG2-WE is a fully supervised two-way wireless detector featuring motion and microwave detection, tamper protection, low battery and supervision. It can operate for up to 5 years from two in-built batteies, and monitors the area within 12m radius, ingnores animals while recognizing human from the first step.



- 24G microwave to prevent wall penetration
- Digital temperature compensation
- Fully remote configurable through App
- Multiple enrollment method and easy installation design
- Easy replaceable battery with PCB protected
- Frequency hopping against jamming for reliable transmission



Specification

| Detection Performance | | | | |
|--|---|--|--|--|
| Detection Method | Passive Infrared, Microwave | | | |
| Detection Range | 12 m | | | |
| Detection Angle | 85.9° | | | |
| Detection Zones | 52 | | | |
| Detectable Speed | 0.3 ~ 2 m/s | | | |
| Sensitivity | Auto, High, Pet | | | |
| Pet Immunity | 30 Kg | | | |
| White Light Filter | 6500lux | | | |
| Microwave Frequency | 24 GHz(24.15 ~ 24.25 GHz) | | | |
| Digital Temperature Compensation | Support | | | |
| Creep Zone Protection | Support | | | |
| Feature | | | | |
| Digital Processing | Support | | | |
| Sealed Optics | Support | | | |
| Tamper Protection | Front, Rear | | | |
| Environment Temperature Indicator | e Support | | | |
| Signal Strength Indicator | Support | | | |
| Interface | | | | |
| Power Switch | Power Up Enrolling | | | |
| LED Indicator | Green(PIR), Red(Microwave), Blue(Alarm) | | | |
| Transmission | | | | |
| Transmission Technology | Tri-X Wireless | | | |
| Transmission Method | Two-Way RF Wireless | | | |
| Transmission Frequency | 868 MHz | | | |
| Transmission Security | AES-128 Encryption | | | |
| Transmission Range(Free Space) | 1.6 Km | | | |
| Frequency Hopping | Support | | | |
| Enrolling Method | Power up, Remote ID, QR Code | | | |
| Electrical Characteristics | | | | |
| Standard Battery Life | 5 years in work status (being triggered 20 times per day) | | | |
| Power Supply | Battery Powered | | | |
| Battery Type | CR123A × 2 | | | |
| Typical Voltage | 3 V | | | |
| General | | | | |
| peration Temperature -10 °C to 55 °C (14 °F to 131 °F) | | | | |
| Storage Temperature | rage Temperature -20 °C to 60 °C (-4 °F to 140 °F) | | | |
| Operation Humidity | 10% to 90% | | | |
| Dimension(W \times H \times D) | 65.5 mm × 103 mm × 48.5 mm | | | |
| Weight | 141 g | | | |



| Mounting Height | 1.8 to 2.4 m |
|----------------------|-----------------------------------|
| Mounting Method | Wall |
| Application Scenario | Indoor |
| Bracket | Optional Wall & Ceiling Accessory |

Available Model

DS-PDD12P-EG2-WE

Accessory

Optional

| DS-PDB-IN-Ceiling bracket | DS-PDB-IN-Wall bracket | DS-PDP-IN-CR123A |
|---------------------------|--------------------------|------------------|
| Internal wall mounted | Internal ceiling mounted | Indoor Detector |
| bracket | bracket | Battery |
| | 0 | + CR123A 3.0V - |





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