

DS-PDP15P-EG2-WB

Wireless PIR Detector

DS-PDP15P-EG2-WB is a fully supervised two-way wireless detector featuring motion detection, tamper protection, low battery and supervision. It can operate for up to 5 years from an in-built battery, and monitors the area within 15 m radius, ignores animals while recognizing human from the first step.






- Detection Range: 15m / 85.9°
- Up to 30KG pet immunity
- SEC (Smart Environmental Control) - Advanced digital signal processing and 3D optics
- 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

| | Model | DS-PDP15P-EG2-WB |
|-----------------------------------|-----------------------------------|-----------------------------------|
| Detection Performance | Detection Method | Passive Infrared |
| | Detection Range | 15 m |
| | Detection Angle | 85.9° |
| | Detection Zones | 52 |
| | Detectable Speed | 0.3 to 2m/s |
| | Sensitivity | Auto, High, Pet |
| | Pet Immunity | 30 Kg |
| | White Light Filter | 6500 lux |
| | Digital Temperature Compensation | Support |
| | Creep Zone Protection | Support |
| Feature | Digital Processing | Support |
| | Sealed Optics | Support |
| | Tamper Protection | Front, Rear |
| | Environment Temperature Indicator | Support |
| | Signal Strength Indicator | Support |
| Interface | Power Switch | Power Up Enrolling |
| | LED Indicator | Blue (Alarm) |
| Transmission | Transmission Technology | Tri-X Wireless |
| | Transmission Method | Two-Way RF Wireless |
| | Transmission Frequency | 433 MHz |
| | Transmission Security | AES-128 Encryption |
| | Transmission Range(Free Space) | 1.2 Km |
| | Frequency Hopping | Support |
| | Enrolling Method | Power up,Remote ID,QR Code |
| Electrical Characteristics | Power Supply | Battery Powered |
| | Battery Type | CR123A × 1 |
| | Typical Voltage | 3 V |
| | Standard Battery Life | 5 Years |
| 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) | 65.5 mm × 103 mm × 48.5 mm |
| | Weight | 128 g |
| | Mounting Height | 1.8 m to 2.4 m |
| | Mounting Method | Wall |
| | Application Scenario | Indoor |
| Bracket | Optional Wall & Ceiling Accessory | |

- Accessory
- Optional

| DS-PDB-IN-Wallbracket Internal ceiling mounted bracket | DS-PDB-IN-Ceilingbracket Internal wall mounted bracket | DS-PDP-IN-CR123A Indoor Detector Battery |
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▪ Available Model

DS-PDP15P-EG2-WB

Distributed by



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