

## DS-PDP15P-EG2-WE(B)



DS-PDP15P-EG2-WE 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: 15 m/85.9°
- Up to 30 kg 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

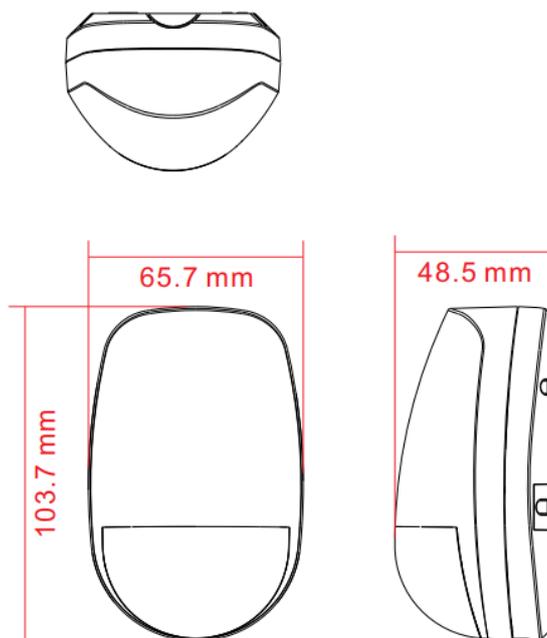
## ▪ Specification

| Detection Performance             |                                   |
|-----------------------------------|-----------------------------------|
| Detection Method                  | Passive Infrared                  |
| Detection Range                   | 15 m                              |
| Detection Angle                   | 90°                               |
| Detection Zones                   | 84                                |
| Detectable Speed                  | 0.3 to 2 m/s                      |
| Sensitivity                       | Auto, High, Pet                   |
| Pet Immunity                      | 30 Kg                             |
| White Light Filter                | 6500lux                           |
| 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            | 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             | Up to 5 years (standby time)      |
| Power Supply                      | Battery Powered                   |
| Battery Type                      | CR123A × 1                        |
| Typical Voltage                   | 3 V                               |
| 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 (W x H x D)             | 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 |

▪ **Available Model**

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▪ **Dimension**



▪ **Accessory**

▪ **Optional**

| DS-PDB-IN-Wall<br>bracket<br>Internal ceiling<br>mounted bracket                    | DS-PDB-IN-Ceiling<br>bracket<br>Internal wall<br>mounted bracket                    | DS-PDP-IN-CR123A<br>Indoor Detector<br>Battery                                      | DS-PWA96-Kit-WE<br>AX PRO Kit<br>(868MHz)   | DS-PWA96-Kit1-WE  |
|---|---|---|---|---|
|  |  |  |  |  |
| <b>DS-PWA96-Kit2-WE</b>   |  |   |   |   |

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