

## DS-PDCL12-EG2-WE

### Wireless Internal PIR Ceiling Detector

- Detection Range: 12m / 360°
- 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-PDCL12-EG2-WE                                          |
|-----------------------------------|-----------------------------------|-----------------------------------------------------------|
| <b>Detection Performance</b>      | Detection Method                  | Passive Infrared                                          |
|                                   | Detection Range                   | 12m                                                       |
|                                   | Detection Angle                   | 360°                                                      |
|                                   | Detection Zones                   | 172                                                       |
|                                   | Detectable Speed                  | 0.3 to 2m/s                                               |
|                                   | Sensitivity                       | Auto,Low                                                  |
|                                   | White Light Filter                | 6500lux                                                   |
|                                   | Digital Temperature Compensation  | Support                                                   |
|                                   | Creep Zone Protection             | Support                                                   |
| <b>Feature</b>                    | Digital Processing                | Support                                                   |
|                                   | Sealed Optics                     | Support                                                   |
|                                   | Tamper Protection                 | Front,Rear                                                |
|                                   | Environment Temperature Indicator | Support                                                   |
|                                   | Signal Strength Indicator         | Support                                                   |
| <b>Interface</b>                  | Power Switch                      | Power Up Enrolling                                        |
|                                   | LED Indicator                     | Blue(Alarm)                                               |
| <b>Transmission</b>               | Transmission Technology           | Tri-X Wireless                                            |
|                                   | Transmission Method               | Two-Way RF Wireless                                       |
|                                   | Transmission Frequency            | 868MHz                                                    |
|                                   | Transmission Security             | AES-128 Encryption                                        |
|                                   | Transmission Range(Free Space)    | 1.6Km                                                     |
|                                   | Frequency Hopping                 | Support                                                   |
|                                   | Enrolling Method                  | Power up,Remote ID,QR Code                                |
| <b>Electrical Characteristics</b> | Standard Battery Life             | 5 years in work status (being triggered 20 times per day) |
|                                   | Power Supply                      | Battery Powered                                           |
|                                   | Battery Type                      | CR123A × 1                                                |
|                                   | Typical Voltage                   | 3V                                                        |
| <b>General</b>                    | 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)              | φ101.2 mm x 32.9 mm                                       |
|                                   | Weight                            | 109.5 g                                                   |
|                                   | Mounting Height                   | 2.4 to 4m                                                 |
|                                   | Mounting Method                   | Ceiling                                                   |
|                                   | Application Scenario              | Indoor                                                    |

## ▪ Available Model

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