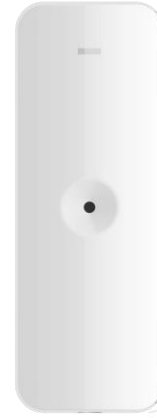


## DS-PDBG8-EG2-WE Wireless BG Detector



DS-PDBG8-EG2-WE is an Omni-directional wireless glass break detector embedded with high quality microphone sensor which provides reliable detection performance at all times.

### ▪ Key Features

- High quality Omni-directional microphone sensor
- 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                  | Acoustic Sensor                                            |
| Detection Range                   | 8m                                                         |
| Detection Angle                   | 120°                                                       |
| Sensitivity                       | 2m,4m,6m,8m                                                |
| Glass Type                        | Float,Plate,Tampered,Wired,Laminated Leaded,Double Glazing |
| Glass Thickness                   | 2.4mm to 6.4mm                                             |
| Glass Size                        | 0.3m × 0.3m to 3m × 3m                                     |
| Feature                           |                                                            |
| Digital Processing                | Support                                                    |
| Tamper Protection                 | Front,Rear                                                 |
| Environment Temperature Indicator | Support                                                    |
| Signal Strength Indicator         | Support                                                    |
| Interface                         |                                                            |
| Alarm Input                       | Normally Closed,Normally Open,Impulse Count                |
| Power Switch                      | Power Up Enrolling                                         |
| LED Indicator                     | Blue(Alarm)                                                |
| Transmission                      |                                                            |
| 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                                 |
| Electrical Characteristics        |                                                            |
| Power Supply                      | Battery Powered                                            |
| Battery Type                      | CR123A × 2                                                 |
| Typical Voltage                   | 3V                                                         |
| Standard Battery Life             | 5 years in work status (being triggered 20 times per day)  |
| 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)                  | 38.8mm × 107.0mm × 24.5mm                                  |
| Weight                            | 83g                                                        |
| Mounting Method                   | Wall,Ceiling                                               |
| Application Scenario              | Indoor                                                     |

## ▪ Available Model

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