Wireless Long Range 360° Ceiling-mount PIR Detector

Superior Motion Detection, from Every Angle
The PowerG Wireless Long Range 360° Ceiling-mount PIR Detector is a highly robust motion detector, especially suited for commercial business sites requiring detection coverage of up to 20 m (65.6 ft) in diameter.

Uniquely designed for discreet and hard-to-reach ceiling placement, the detector is visually attractive, and tamper-resistant.

Based on built-in PowerG leading-edge wireless technology, this sophisticated detector delivers proven motion detection with superior immunity to false alarms.

360° coverage
The detection range and ceiling placement together make the PowerG Wireless Long Range 360° Ceiling-mount PIR Detector ideal for medium to large-sized rooms, delivering full room coverage with a single device.

Attractive Design
The detector’s subtle, contemporary design easily blends in with any décor, while its compact size and ceiling placement minimize visual impact. Wireless technology makes installation easier, and less disruptive.

Robust Protection
Mounted high out of reach on the ceiling, it is especially difficult to tamper with the device without additional equipment and/or attention-attracting movement. This ensures exceptional tamper resistance, for better overall security.

PowerG – The power of wires, without the wires
Cut out the wires and plug in peace of mind with PowerG, the leading wireless security technology for today's homes and businesses. PowerG offers all the benefits of traditional wired security, without the hassles and vulnerabilities of wires. It makes end users’ lives more secure and convenient, and is ideal for a wide range of applications.
**Key Benefits**

- Delivers 360° motion detection from a ceiling-mounted device
- Fully secures medium to large-sized rooms with detection coverage of up to 20 m (65.6 ft) in diameter
- Ensures reliable performance using built-in PowerG leading-edge wireless intrusion technology with two-way communication
- Minimizes visual impact, with a modern, unobtrusive design
- Offers long-lasting value with a 3-year battery life (typical use)
- Simple to install and maintain

**Compatibility**

PGx872 – PowerSeries Pro, PowerSeries Neo, WP and iotega systems
For further information please refer to www.dsc.com

MP-872 PG2 – PowerMaster systems
For further information please refer to www.visonic.com

BW-872 – BW systems
For further information please refer to www.bentelsecurity.com

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>Europe and rest of world: 433–434 MHz, 868–869 MHz</td>
</tr>
<tr>
<td></td>
<td>North America and Latin America: 912–919 MHz</td>
</tr>
<tr>
<td>Battery type</td>
<td>3V CR-123A lithium battery</td>
</tr>
<tr>
<td>Battery life</td>
<td>3 years (with typical use)</td>
</tr>
<tr>
<td>Weight (including battery)</td>
<td>225 g (7.93 oz)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-10°C to 50°C (14°F to 122°F)</td>
</tr>
<tr>
<td>Operating environment</td>
<td>Indoors</td>
</tr>
<tr>
<td>Size (diameter)</td>
<td>15 cm (5.9 in)</td>
</tr>
</tbody>
</table>

**Approvals**

- FCC/IC
- UL/ULC
- CE
- EN

**The Power of PowerG:**

The revolutionary PowerG powers a robust and feature-rich platform designed to reduce operational costs for dealers, and provide ultimate reliability for end users.

- Multichannel, Frequency Hopping Spread Spectrum technology – to overcome frequency blocking and interference
- Adaptive transmission power – for battery life preservation
- High transmission ranges – for reliable communication
- TDMA synchronized communication technology – to prevent message collisions
- 128 bit AES encryption – for high-level protection against analysis tools and digital attacks

**Johnson Controls**

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit [www.johnsoncontrols.com](http://www.johnsoncontrols.com) or follow us [johnsoncontrols](https://twitter.com/johnsoncontrols) on Twitter.

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