PowerG Wireless Long Range 360° Ceiling-mount PIR Detector

Key Features

- 360° motion detection from a ceiling-mounted device
- Detection coverage of up to 20m (65.6ft) in diameter
- Built-in leading-edge PowerG wireless technology
- Advanced True Motion Recognition™ that differentiates between intruders and other disturbances
- Fast installations using link quality LED indicators and pull-tab auto enrollment
- Motion and temperature detector in one, when enrolled as part of the PowerSeries Pro system

Superior motion detection, from every angle!
Highly robust motion detector specifically suited for commercial business sites.

Fully secure mid-large size businesses can be seen from every angle, with the PowerG Wireless Long Range 360° Ceiling-mount PIR Detector. With a detection range of up to 20m (65.6ft) in diameter, this advanced device is perfectly suited for large spaces. Uniquely designed for discreet and hard-to-reach ceiling placement, it is visually attractive, highly robust, and tamper-resistant.

Based on built-in PowerG leading-edge wireless technology
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 of wires. It makes end users’ lives more secure and convenient, and is ideal for a wide range of applications.
Specifications

<table>
<thead>
<tr>
<th>Frequency</th>
<th>NA: 915MHz, LATAM: 915MHz, 433MHz, EMEA: 868MHz, 433MHz, APAC: 433MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size (diameter)</td>
<td>15 cm (5.9 in)</td>
</tr>
<tr>
<td>Weight (including battery)</td>
<td>110 g (3.88 oz)</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>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>Mounting height</td>
<td>2m-6m (6.6ft – 19.7 ft)</td>
</tr>
</tbody>
</table>

PowerG – The power of wires, without the wires.

• Military-grade 128-bit AES encryption protects against powerful analysis tools and digital attacks
• Full two-way synchronized TDMA synchronized communication technology – to prevent message collisions
• Multi-channel, Frequency Hopping Spread Spectrum technology repeatedly switches frequencies to minimize interference of radio signals and prevent interception and obstruction during transmission
• Devices dynamically optimize their route to the control panel to avoid RF interference and to extend battery life up to 8 years**, and reducing the cost of system maintenance
• High transmission ranges allow for devices to reliably communicate within up to 2km/1.24 miles line-of-sight, therefore reducing the cost of installing additional repeaters to service larger premises
• Simplified installation using a visible link quality LED indicator on the devices, allowing device testing at selected location, without having to return to the panel
• Quick, error-free device auto-enrollment process of simply using a pull tab
• Advanced, time-saving toolset: on-site and remote diagnostics, remote real-time testing, support for advanced applications & mobile control to dramatically reduce maintenance costs

**Battery life depends on device, device placement and system use

Approvals

• NA and LATAM: UL, ULC, FCC, IC, Anatel, CNC
• EMEA: FG, F&P, FFH, NCP, SBSC(SSF1014), INCERT(T031)*, VSO*, ICASA
• APAC: RCM, IMDA
  (*) Available in October 2019

Compatibility

PGx872 – PowerSeries Pro, PowerSeries Neo, iotega systems & Qolsys panel. For further information please refer to www.dsc.com & www.qolsys.com

MPx872 – PowerMaster systems. For further information please refer to www.visonic.com
About 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.

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