

# 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 & PowerMaster systems

## 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

Frequency	NA: 915MHz, LATAM: 915MHz, 433MHz, EMEA: 868MHz, 433MHz, APAC: 433MHz
Size (diameter)	15 cm (5.9 in)
Weight (including battery)	110 g (3.88 oz)
Battery type	3V CR-123A lithium battery
Battery life	3 years (with typical use)
Operating temperature	-10°C to 50°C (14°F to 122°F)
Operating environment	Indoors
Mounting height	2m-6m (6.6ft – 19.7 ft)

### 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
  - LATAM: CNC/ENACOM; ANATEL
  - EMEA: Grade 2, 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.

\* Temperature is only supported by PowerSeries Pro.

For further information please refer to [www.dsc.com](http://www.dsc.com) and [www.qolsys.com](http://www.qolsys.com)

MPx872 – PowerMaster systems all versions.

Temperature and light sensing are supported by panels versions 20.2 and above.

For further information please refer to [www.visonic.com](http://www.visonic.com)MPx872 – PowerMaster systems. For further information please refer to [www.visonic.com](http://www.visonic.com)

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## 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.

For additional information, please visit [www.johnsoncontrols.com](http://www.johnsoncontrols.com) or follow Johnson Controls on LinkedIn, Twitter, and Facebook.