



Data Sheet

PowerG Wireless Outdoor PIR Motion Detector with integrated camera



Key Features

- Patented 8 independent quad PIR detectors (Octa-QUAD) operating in true Quad configuration (patented) with true motion recognition (TMR) processing for each of the 8 PIR detectors
- Advanced (patented) Obsidian Black Mirror™ optics
- Camera range of 12m (40ft), with IR illumination of 10m (33ft)
- Smart anti-masking distinguishes between masking spray and rain
- Pet immunity up to 18 kg (40 lb)
- Built-in leading-edge PowerG wireless technology
- Fast installations using link quality LED indicators and pull-tab auto enrollment

Innovative Technology. Visual verification. Advanced motion detector with integrated camera built for commercial site needs.

PowerG Outdoor PIR Motion Detector with Integrated Camera offers comprehensive solution for property owner's needs for accurate intruder detection with minimum false alarms. It features technologies designed to overcome demanding outdoor challenges such as rain, direct sunlight, animals, changes of light levels and severe temperatures. Activated upon PIR detection or on-demand, the detector can also send clear black & white or color images to the Monitoring Station for alarm image verification. PowerG Wireless Outdoor PIR also supports anti-masking. The anti-masking feature prevents intruders from defeating the detector by covering its field of view.*

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 consumers' lives more secure and convenient, and is ideal for a wide range of applications.



Specifications

Frequency	USA & Canada: 912- 919 MHz, Europe and rest of world: 433- 434 MHz, 868- 869 MHz
Dimensions	157 x 147 x 124mm (6.2 x 5.8 x 4.9in)
Weight (including battery)	600g (21oz)
Battery type	2 x 3V CR17450 lithium batteries
Battery life	3 years (typical use)
Operating temperature	-40°C to 70°C (-40°F to 158°F)
Operating environment	Outdoors
Mounting height	2m-3m
Max number of PIRCAMS	DSC panels: 10 Visonic panels: 15

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 enrollment with built-in auto enrollment process by 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

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

Compatibility

- PGx944 – PowerSeries Pro, PowerSeries Neo, iotega systems & Qolsys panel.
For further information please refer to www.dsc.com and www.qolsys.com
- Tower CAM PG2 – PowerMaster systems all versions.
For further information please refer to www.visonic.com
- *Anti-masking feature supported by PowerMaster and PowerSeries PRO panels.

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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