DSC

From Tyco Security Products

with PowerG Technology

Wireless PowerG Outdoor PIR Motion Detector

PG4994

(Applicable to Brazil, Peru, Uruguay, Asia Pacific excluding China)



PowerSeries neo compatible

iotega compatible

Features That Make a Difference:

- **PowerG*** robust industry leading commercial grade wireless technology
- Innovative Octa-Quad™ technology distinguishes between a moving person, swaying trees, and small animals.
- Market-leading mirror optics offer exceptionally high detection sensitivity and immunity to false alarms.
- Vandal-resistant design through patented V-Slot technology
- Pet immunity up to 18Kg (40lb)
- Compatibility with PowerSeries Neo systems

The power of PowerG*:

The power behind our latest products lies in various innovative technologies, including the revolutionary PowerG, which, bundled together, provide 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 within up to 2km/2187 yards line-of-sight
- TDMA synchronized communication technology - to prevent message collisions
- 128 bit AES encryption - high level protection against analysis tools and digital attacks

PG4994 Wireless PowerG Outdoor PIR Motion detector

The PG4994 is an innovative 2-way wireless outdoor PIR motion detector that comprehensively addresses property owners' security needs for accurate intruder detection with minimum false alarms. The PG4994 features several innovative technologies to overcome demanding outdoor challenges such as rain, direct sunlight, animals, changes of light levels and more. The revolutionary Octa-Quad™ technology, which uses eight PIR sensors, each acting as a Quad detector, enables the PG4994 to accurately and reliably determine whether an alarm is justified.

Advanced Detection Technologies

The PG4994 uses a combination of elliptical parabolic mirror optics. An innovative mirror with extremely high optical gain delivers an extended range and provides superior detection sensitivity.

The PG4994 also applies an advanced motion analysis. A central motion processor analyzes the motion signals detected in each of the individual detectors, taking into account the time, amplitude, background temperature, speed of motion, size of target, and the direction of motion. Then, it compares the signals in relation to adjacent detectors and calculates whether a real alarm is justified based on true motion detected consecutively by the array of individual detectors.

Finally, the PG4994 uses an obsidian black mirror technology. A unique, nickel-based, obsidian-like, reflective surface acts as a selective optical filter of infrared energy. In this way, the PG4994 can virtually eliminate white light interference and increase detection sensitivity.

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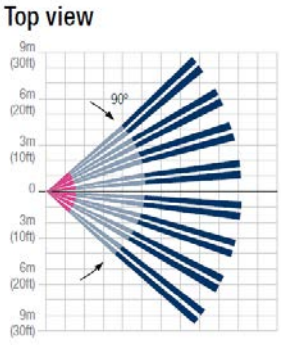
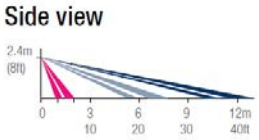
Easy to Install | Link Quality Indication

The PG4994 is equipped with a visible link quality LED indicator that lets the installer choose the optimal location for installation, eliminating the effort of going back and forth to the keypad. Additionally, device configuration is quick and easy with no hardware switches or need to re-open the device. All device configuration settings are handled via the system keypad.

Coverage Pattern





Specifications:

Dimensions:..... 157 x 147 x 124mm (6.2 x 5.9 x 4.9in)

Battery Life: .....3 years (typical use)

Battery Type: ..... 2 x 3V CR123A Lithium Batteries

Weight: 600g (21oz)

Operating Temperature: . -40°C to 70°C (-40°F to 158°F)

Approvals:

FCC/IC, UL/ULC, CE, CCC, SRRC, C-Tick, ANATEL, WPC, IDA

Please refer to www.dsc.com for the most current approval listings.

Product varies depending on country.

Compatibility:

PowerSeries Neo and iotega systems

PN 30001740R001

For product information
www.dsc.com

Product specifications and availability subject to change without notice. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.
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