DSC
From Tyco Security Products

with **PowerG** Technology

Wireless PowerG Dual Technology (PIR & MW) Motion Detector
PG4984P
(Applicable to Brazil, Peru, Uruguay, Asia Pacific excluding China)

Features That Make a Difference:

- **PowerG*** robust industry leading commercial grade wireless technology
- Dual PIR and K-band microwave technologies dramatically reduce false alarms and decrease associated operational costs
- Vandal-resistant design through patented V-Slot technology
- Extended detection area 15m / 90º coverage range
- Pet immunity up to 40 lbs. (18 Kg)
- Compatible 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

PowerSeries **neo** compatible

iotega® compatible

PG4984P Wireless PowerG Dual Technology Motion Detector

The PG4984P Wireless PowerG Dual Technology Motion detector combines advanced PIR detection algorithms with K-band microwave detection to dramatically reduce false alarm events even in harsh installations. The PG4984P sends an alarm signal after both the PIR and the microwave sensors have detected an intruder, significantly reducing false alarms.

Advanced Detection Technologies

The PG4984P 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.
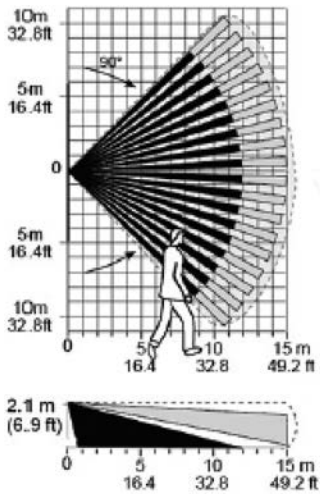
The PG4984P also applies a digital temperature compensation that allows the detector to continuously adjust its sensitivity according to the location temperature. In this way, the PG4984P is able to detect an intruder even when the ambient temperature is close to that one of the human body.

Finally, the PG4984P 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 PG4984P can virtually eliminate white light interference and increase detection sensitivity.

Easy to Install | Link Quality Indication

The PG4984P 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:............ 115 x 60 x 48mm (4.5 x 2.3 x 1.1in)

Battery Life: ....5 years (typical use)

Battery Type: ....3V CR123A Lithium Battery

Weight: 90g (3oz)

Operating Temperature: 14°F to 131°F (-10°C to +55°C)

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.

Compatibility:

PowerSeries Neo and iotega systems