DSC

From Tyco Security Products

with PowerG Technology

Wireless PowerG Mirror Optic PIR Motion Detector

PG9974P

PowerSeries neo compatible

Features That Make a Difference:

- **PowerG*** robust industry leading commercial grade wireless technology
- Market-leading mirror optics offer exceptionally high detection sensitivity and immunity to false alarms.
- Vandal-resistant design through patented V-Slot technology
- 15 m (50 ft) 90° coverage
- Long-life lithium batteries included
- Pet immunity up to 40 kg (88 lb)
- Compatible with PowerSeries Neo Systems

The power of PowerG*:

The power behind PowerSeries Neo 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

PG9974P Wireless PowerG Mirror Optic PIR Motion Detector

The PG9974P Wireless PowerG Mirror Optic PIR Motion detector is a vital component of a security system. Upon the detection of motion, the PG9974P communicates an alert to the security system. Additionally, the PG9974P provides immunity from pets weighing up to 40 kg (88 lb) to reduce false alarms. Using advanced technologies, the PG9974P provides reliability, robustness to interference, prolonged battery life, extended range and easy installation.

Advanced Detection Technologies

The PG9974P uses a combination of elliptical parabolic mirror optics. This innovative technology creates an exceptionally efficient mirror with extremely high optical gain, delivering longer range and providing excellent detection sensitivity.

The PG9974P also applies a digital temperature compensation that allows the detector to continuously adjust its sensitivity according to the location temperature. In this way, the PG9974P is able to detect an intruder even when the ambient temperature is close to that one of the human body.

The PG9974P 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 PG9974P can virtually eliminate white light interference and increase detection sensitivity.

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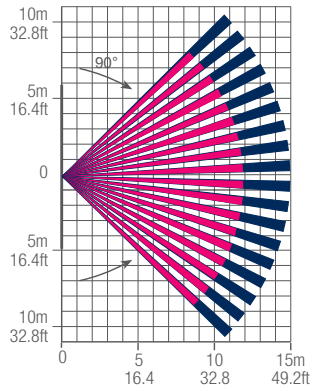
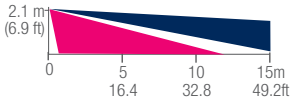
Easy to Install | Link Quality Indication

The PG9974P 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.

Top view



Side view



Specifications:

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

Battery Life: ..... 7 years (typical use)

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

Weight: 90g (3oz)

Coverage: ..... 15m (49ft) / 90°

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

Approvals:

FCC/IC, UL/ULC

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

Compatibility:

PowerSeries Neo Systems

PowerSeries Neo is Security Redefined

PowerSeries Neo by DSC redefines intrusion security by combining the flexibility of a modular, hardwired system with the simplicity of a wide range of wireless devices and peripherals, resulting in the most comprehensive hybrid system available in the market today.

This brand new and exceptionally flexible platform leverages the superior capabilities of PowerG – the industry's leading-edge wireless intrusion technology. Innovative alarm verification solutions, together with an exceptionally comprehensive remote service software suite, make PowerSeries Neo the ideal first-class solution for residential and scalable commercial installations.

PN 30001566R002

For product information
www.dsc.com