Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› **DSC** /

› **DSC PG9914 PowerSeries Neo Wireless PowerG Digital Smart Dual-Function Indoor Pet-Immune PIR Motion Detector User Manual**

DSC PG9914

DSC PG9914 PowerSeries Neo Wireless PowerG Digital Smart Dual-Function Indoor Pet-Immune PIR Motion Detector User Manual

Model: PG9914 | Brand: DSC

INTRODUCTION

The DSC PG9914 is a sophisticated, dual-function indoor Passive Infrared (PIR) motion detector designed for enhanced security and environmental monitoring. This device integrates reliable motion detection with temperature monitoring capabilities, making it a versatile addition to your security system. Utilizing PowerG wireless technology, the PG9914 offers superior immunity to false alarms and is specifically engineered to be pet-immune, distinguishing between human movement and pets weighing up to 38 kg (85 lb). Its compact design allows for unobtrusive placement, particularly in corners.

SAFETY INFORMATION

- **Indoor Use Only:** This device is designed for indoor environments. Do not expose it to water, high humidity, or extreme temperatures.

- **Battery Handling:** Use only the specified battery type. Ensure correct polarity when installing. Dispose of used batteries according to local regulations. Do not attempt to recharge non-rechargeable batteries.

- **Installation:** Install the detector in a location free from direct sunlight, heat sources, or strong air currents that could cause false alarms. Avoid placing it near windows or vents.

- **Maintenance:** Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.

- **Pet Immunity:** While designed to be pet-immune, optimal performance is achieved when installed at the recommended height and away from areas where pets might climb.

PACKAGE CONTENTS

Verify that all items are present in your package:

- DSC PG9914 Motion Detector Unit
- Mounting Hardware (screws, anchors)
- Battery (pre-installed or separate, typically Lithium-Ion)
- Quick Start Guide (this manual provides detailed instructions)

1. Battery Installation/Activation

The PG9914 typically comes with a Lithium-Ion battery that offers a long lifespan (6-8 years with typical use). The battery compartment is easily accessible.

1. Locate the battery compartment on the back or side of the detector.

2. If a pull tab is present, remove it to activate the pre-installed battery.

3. If installing a new battery, ensure correct polarity (+/-) as indicated inside the compartment.

4. Close the battery compartment securely.

2. Mounting Location Selection

Choose a mounting location that provides optimal coverage and minimizes false alarms. Consider the following:

- **Height:** Typically mounted at 2.1m to 2.4m (7 ft to 8 ft) for optimal pet immunity.
- **Coverage:** Position to cover the primary entry points or high-traffic areas. The detector has an operating range of up to 12 m (39 ft).
- **Avoid:** Direct sunlight, heat sources (radiators, vents), strong air currents, and areas where pets can climb directly into the detection zone.
- **Corner Placement:** The small size and design are perfectly shaped for unobtrusive corner placement, which often provides excellent room coverage.

Figure 1: Front view of the DSC PG9914 motion detector. This image displays the sleek, white design of the unit, highlighting the main detection lens area.

Figure 2: Side view of the DSC PG9914 motion detector. This perspective illustrates the compact and unobtrusive profile, ideal for corner mounting.

3. Mounting the Detector

1. Once the optimal location is identified, mark the screw holes on the wall or corner.

2. Drill pilot holes if necessary and insert wall anchors.

3. Secure the mounting bracket (if separate) or the detector itself to the wall using the provided screws.

4. Ensure the detector is firmly attached and stable.

4. Pairing with PowerSeries Neo Alarm Systems

The PG9914 is compatible with PowerSeries Neo alarm systems. Refer to your PowerSeries Neo system's manual for specific instructions on enrolling new wireless devices. General steps typically include:

- Put your PowerSeries Neo panel into enrollment mode.
- Activate the PG9914 (e.g., by triggering its tamper switch or performing a walk test).
- The panel should detect and register the new device.
- Assign the detector to a specific zone and configure its settings (e.g., pet immunity level, if adjustable via the panel).

OPERATING

Motion Detection

The PG9914 uses Passive Infrared (PIR) technology to detect changes in infrared radiation caused by movement of warm bodies. When motion is detected within its field of view, the detector sends a signal to the connected PowerSeries Neo alarm system.

- **Detection Range:** Up to 12 meters (39 feet).
- **Fresnel and Cylindrical Lenses:** These specialized lenses ensure uniform detection sensitivity across the entire coverage area, eliminating the need for vertical adjustment.

Pet Immunity

A key feature of the PG9914 is its advanced pet immunity, achieved through Target Specific Imaging (TSI) technology. This allows the detector to differentiate between the infrared signatures of humans and common household pets.

- The detector is designed to ignore pets weighing up to 38 kg (85 lb).
- For optimal pet immunity, ensure the detector is mounted at the recommended height and that pets cannot get within close proximity to the detector's lens by climbing on furniture.

Temperature Monitoring

In addition to motion detection, the PG9914 also monitors ambient temperature. This feature can be integrated with your PowerSeries Neo system to provide alerts for significant temperature changes, enhancing overall environmental awareness within your protected space.

MAINTENANCE

Cleaning

To ensure optimal performance, keep the detector's lens clean and free from dust. Use a soft, dry, lint-free cloth to gently wipe the surface. Do not use abrasive cleaners, solvents, or excessive moisture.

Battery Replacement

The PG9914 features a long-life battery (typically 6-8 years). Your PowerSeries Neo system will usually indicate a low battery condition for the detector. When this occurs, replace the battery promptly.

1. Disarm your alarm system before replacing the battery to avoid triggering an alarm.
2. Open the battery compartment (refer to "Battery Installation" in the Setup section).
3. Remove the old battery and dispose of it responsibly according to local regulations.
4. Insert a new, fresh Lithium-Ion battery, ensuring correct polarity.
5. Close the battery compartment securely.
6. Test the detector by performing a walk test to confirm it is communicating with the alarm panel.

TROUBLESHOOTING

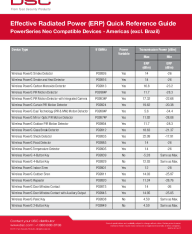| Problem	Possible Cause	Solution
Detector not responding / No signal to panel	Dead or low battery; Detector out of range; Tamper switch not closed; Not properly enrolled.	Replace battery; Relocate detector closer to panel; Ensure cover is securely closed; Re-enroll detector with the panel.
Frequent false alarms	Improper mounting location (direct sunlight, heat sources, drafts); Pet immunity issues (pets climbing); Loose mounting.	Relocate detector away from heat/drafts; Ensure pets cannot access detection zone; Securely mount the detector.
Pet immunity not working effectively	Incorrect mounting height; Pet weight exceeds limit; Pet climbing on furniture.	Verify mounting height (2.1m-2.4m); Ensure pet weight is within 38 kg (85 lb) limit; Prevent pets from climbing into detection zone.
Temperature readings inaccurate or unavailable	Interference; Detector malfunction.	Ensure no obstructions; Consult with your security system installer or DSC support if issues persist.

SPECIFICATIONS
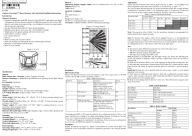
Model Number	PG9914
Brand	DSC
Detection Technology	PIR (Passive Infrared)
Wireless Technology	PowerG
Maximum Range	12 m (39 ft)
Pet Immunity	Up to 38 kg (85 lb)
Power Source	Battery Powered (Lithium-Ion)
Battery Life	6-8 years (typical use) / 7 years (as per spec)
Compatible Devices	PowerSeries Neo alarm systems
Dimensions (L x W x H)	3.27 x 2.4 x 1.66 inches
Item Weight	3.17 ounces (90 Grams)
Color	White
Mounting Type	Tabletop (though designed for wall/corner)

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your DSC PG9914 motion detector, please contact your authorized DSC dealer or the security system installer. You can also visit the official DSC website for product documentation and support resources.

Note: Attempting to service the device yourself may void the warranty.

Related Documents - PG9914

	DSC PG4914/PG8914/PG9914 PowerG Wireless Motion Detector Installation Guide Installation instructions for the DSC PG4914, PG8914, and PG9914 PowerG wireless PIR motion detectors. Learn about features, installation procedures, configuration, and troubleshooting for your DSC security system.
	DSC PowerSeries Neo PowerG Device ERP Quick Reference Guide Quick reference guide for DSC PowerSeries Neo compatible PowerG devices, detailing 915MHz frequency, power variability, and transmission power (ERP) in dBm for various detectors, sirens, keys, and repeaters.
	DSC WS4904P Wireless Motion Detector Installation Guide Installation instructions for the DSC WS4904P wireless motion detector, covering optimal placement, sensitivity adjustments for pet immunity, operational modes like High Traffic Shutdown and Walk Test, battery installation, and technical specifications.
	HS2TCHP E Touchscreen User Manual - DSC Security User manual for the DSC HS2TCHP E Touchscreen, providing instructions and information on its features, operation, and safety for PowerSeries Neo and Pro alarm systems.
	DSC LC-181 Octa-Quad Outdoor Motion Detector Installation Guide Detailed installation instructions for the DSC LC-181 Octa-Quad outdoor mirror detector with anti-mask technology. Learn about features, specifications, and setup.
	Troubleshooting DSC PowerSeries Neo Installer Code Validation Errors A guide to resolving the "Your Installer Code has Not Been Validated" error on DSC PowerSeries Neo panels, ensuring proper communication with Alarm.com.