

PowerSeries
neo

New Dimensions in Hybrid Security with PowerSeries Neo



with
PowerG
Technology

DSC
From Tyco Security Products

www.dsc.com

Business Premises Security by DSC

At DSC, we understand that protecting businesses from intrusion and damage is a primary concern, requiring uncompromising performance from the security system. At the same time, business owners need a cost-effective and flexible security solution, one that is easy to manage, requires minimal maintenance, and is scalable to grow and change with the business. That's why we focus on providing comprehensive, reliable, and versatile security solutions that protect small and medium commercial premises in the widest variety of situations. With a DSC PowerSeries Neo hybrid security system, your customers can focus on running their business, with confidence that their premises and property are protected.

DSC is a world leader in electronic security. From our revolutionary control panels, to our industry-leading IP alarm monitoring products, and now to our sleek, contemporary self-contained wireless panels, DSC has always been front and center in the security space. DSC is part of Tyco Security Products, the world's largest pure-play fire protection and security company.



The Strength of PowerG

Since its introduction in 2010, PowerG has revolutionized the wireless industry. Today, as a result of extensive research and development, it is clear that PowerG's ability to provide robust communication - even in areas that were previously only suitable for hardwired applications - makes it ideal for a wide range of applications. The power of the technology lends itself to a multitude of installs, from residential sites to small enterprises and big-box operations.

Technology Highlights:

- Full two-way communication to ensure that there are no lost alarm messages
- Multi-channel, Frequency Hopping Spread Spectrum (FHSS) technology that overcomes frequency blocking and interference
- Devices dynamically optimize their route to the control panel to avoid RF interference
- TDMA synchronized communication technology eliminates message collisions
- AES-128 encryption protects against powerful analysis tools and digital attacks



Advanced Security Technologies to Protect What You Value Most

PowerSeries Neo offers the most reliable security technologies to provide peace of mind

PowerSeries Neo

PowerSeries Neo capitalizes on PowerG, the industry's leading-edge wireless intrusion technology, to offer a series of robust features geared towards decreasing operational costs while providing ultimate reliability in a security system. Unnecessary site checks and incremental high costs that can be incurred by false alarms are substantially reduced. With the simplicity of PowerG devices, solutions can be easily customized to suit even the most specific needs. Compatible with leading-edge interactive solutions supported by DSC for a variety of smart control monitoring features, PowerSeries Neo ensures growth in the future through a complete line of expansion modules as well as through additional RMR services such as alarm verification.



PowerSeries Neo DNA Chart

Intrusion Detectors



 PGx934P PowerG Wireless PIR Motion Detector with Integrated Camera	 PGx944 PowerG Wireless Outdoor PIR Motion Detector with Integrated Camera	 PGx924 PowerG Wireless Curtain PIR Motion Detector	 PGx984P PowerG Wireless Dual Technology (PIR & MW) Motion Detector	 PGx974P PowerG Wireless Mirror Optic PIR Motion Detector	 PGX914 PowerG Wireless Digital Pet-Immune PIR Motion Detector	 PGx994 PowerG Wireless Outdoor PIR Motion Detector	
 PGx872 PowerG Wireless Long Range 360° Ceiling-mount PIR Detector	 PGx902 PowerG Wireless Outdoor Curtain PIR Detector bracket turned	 PGx862 PowerG Wireless 360° Ceiling-mount PIR Detector	 PGx303 PowerG Wireless Door/Window Contact White	 PGx945 PowerG Wireless Door/Window Contact with Auxiliary Input, in White or Brown	 PGx312 PowerG Wireless Outdoor Magnetic Contact with Auxiliary Input	 PGx935 PowerG Wireless Shock Detector	 PGx922 PowerG Wireless Glass Break Detector

Safety Sensors



 PGx936 PowerG Wireless Smoke and Heat Detector	 PGx905 PowerG Wireless Temperature Detector	 PGx985 PowerG Wireless Flood Detector
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Keypads



 HS2LCDWFx / HS2LCDWFPx / HS2LCDWFPVx Wireless Full Message LCD PowerG 2-Way Wire-Free Keypad with optional Prox Support Voice Prompting	 HS2lcd/ HS2lcdP Full Message LCD Keypad with optional Prox Tag Support	 HS2ICN/ HS2ICNP ICON Hardwired Keypad with optional Prox Tag Support	 HS2LCDRFx/ HS2LCDRFPx Full Message LCD Keypad with Built-in PowerG Transceiver with optional Prox Support	 HS2ICNRFx/ HS2ICNRFp ICON Hardwired Keypad with Built-in PowerG Transceiver with optional Prox Support	 HS2TCHP Hardwired Touchscreen Keypad 7 inch with Prox Support in black and whites
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with
PowerG
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Communicators & Transmitters



 3G2080E-EU HSPA Cellular Alarm Communicator	 TL2803GE-EU Internet HSPA Dual-path Alarm Communicator	 TL280E - Internet Alarm Communicator	 PCL-422 Communicator Remote Mounting Module
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Arming Devices & Panic Buttons



 PGx938 Wireless PowerG Panic Key	 PGx949 Wireless PowerG 2-Button Key	 PGx939 Wireless PowerG 4-Button Key	 PGx929 Wireless PowerG 4-Button Key	 MPT Mini Prox Tag
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Modules



 HSM2300 Power Supply Module	 HSM2204 High Current Output Module	 HSM2208 Low Current Output Module	 HSM2955 Two-Way Audio Module	 HSM2108 8-Hardwired Zone Expander Module
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Sirens, Repeaters & Transceivers



 PGx901 Wireless PowerG Indoor Siren	 PGx911 Wireless PowerG Outdoor Siren	 PGx920 Wireless PowerG Repeater	 HSM2HOSTx PowerG Host Transceiver Module
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Software Support



 WebSA System Administrator Software
 Routine System Management Software (RSM)
 DLS 5 Downloading Software

Control Panels



HS2016/ HS2032/ HS2064/ HS2128
From 6 to 128 zone control panel

Wireless, PowerG Door/ Window Contact

PG8303

PG8303 is an extremely small and thin wireless, PowerG door/window contact, designed primarily for protecting doors and windows. When installed, the PG8303 is virtually unnoticeable and doesn't interfere with the decor. Fully compliant with international standards, the PG8303 is a highly reliable wireless magnetic contact that is compatible with PowerG alarm systems and is very easy to install and operate in a wide range of residential and commercial environments.

- Extremely small and thin magnetic contact transmitter
- Virtually unnoticeable protection for doors and windows
- Extended battery life – 5 years with typical use
- Available in white and brown



Wireless, PowerG Glass Break Detector

PGx922

PGx922 is a digital wireless, PowerG glass break detector compatible with PowerSeries Neo intrusion alarm systems and PowerG receivers. It is designed for a wide range of residential and commercial applications where reliable glass-break detection with near-zero false alarms is required.

- Add extra perimeter security & safety
- Prevent damage to contents
- Save energy & reduce costs
- Rely on super-accurate detection
- Extended battery life – 5 years with typical use



Wireless, PowerG PIR Motion Detector with Integrated Camera

PGx934P

PGx934P provides the perfect solution for visual alarm verification, day or night. When the alarm system is armed and the PIR sensor detects movement, the detector sends an alert to the control panel and activates the camera. By reviewing the images in real time, security staff can verify the alarm and respond accordingly.

- Extended battery life – 5-8 years with typical use

*PIR Motion detector also available without Integrated Camera (PGx904P)



Wireless, PowerG Outdoor PIR Motion Detector with Integrated Camera

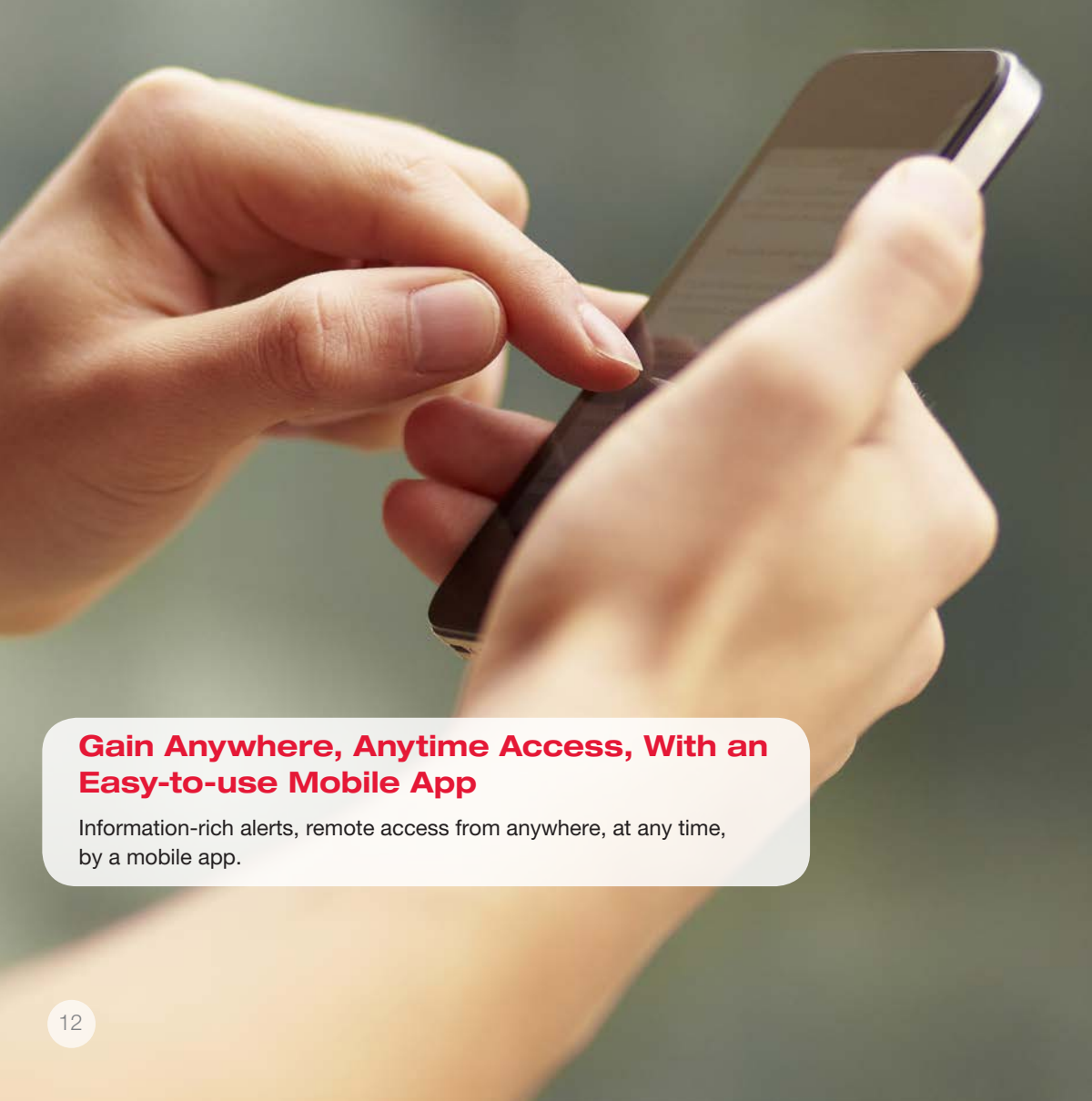
PGx944

PGx944 is an innovative wireless outdoor PIR mirror detector with integrated camera that provides the perfect solution for visual alarm verification. It features several innovative technologies to overcome demanding outdoor challenges such as day or night, rain, direct sunlight, animals, changes of light levels, and more. When the alarm system is armed and the PIR sensor detects movement, the detector sends an alert to the control panel and activates the camera. By reviewing the images in real time, security staff can verify the alarm and respond accordingly.

- Extended battery life

*Outdoor PIR motion detector also available without Integrated Camera (PGx994)





Gain Anywhere, Anytime Access, With an Easy-to-use Mobile App

Information-rich alerts, remote access from anywhere, at any time, by a mobile app.



Industry-leading Reliability and Unbeatable Capacity, All in a Compact Receiver

Building on the Sur-Gard legacy, SG-System 5 supports alarm verification solutions to significantly reduce costs associated with false alarms.

The more compact footprint facilitates space management while offering the highest account density per U rack available in the industry. Built-in redundancy for power and auto-switching assures continuous performance of all peripheral devices connected to the output ports.

Visual Verification Solution

- Alarm-triggered photos are sent to a central monitoring station and/or the home/business owner's mobile device in real time, enabling security staff and/or the end-user to determine the appropriate action
- Provides visibility into the home or business and enables end-users to make informed decisions about events and notifications, all in real time, from anywhere, via their smartphone or tablet



Visual & Audio Alarm Verification

Visual Verification is enabled by strategically-installed PIR cameras, activated the moment an alarm is triggered. They provide 5 seconds of post-alarm video, and the alarm video clip is sent to the end-user's email. Audio is also captured and recorded. Following an alarm, audio verification is enabled by the microphone and speaker phone built into the peripherals. It lets the monitoring service call into the system, listen to sounds from the premises, and get verbal confirmation from occupants.

- Allows home and business owners to identify real intrusion and safety situations, while ignoring false alarms
- Significantly reduces the costs of false alarms by reducing unneeded truck rolls
- Delivers the high performance necessary to meet increasingly stringent regional regulations
- Adds to security professionals' RMR





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