

PowerSeries  
**neo**

# New Dimensions in Hybrid Security with PowerSeries Neo



with  
**PowerG**  
Technology

**DSC**  
From Tyco Security Products

[www.dsc.com](http://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  
Wireless PowerG PIR  
Motion Detector with  
Integrated Camera



PGx944  
Outdoor PIR Motion  
Detector with  
Integrated Camera



PGx924  
Wireless PowerG  
Curtain PIR Motion  
Detector



PGx984P  
Wireless PowerG Dual  
Technology (PIR & MW)  
Motion Detector



PGx974P  
Wireless PowerG  
Mirror Optic PIR  
Motion Detector



PGx994  
Wireless PowerG  
Outdoor PIR Motion  
Detector



PGx975  
Wireless PowerG Door/  
Window Contact in white  
and brown



PGx945  
Wireless PowerG Door/  
Window Contact with  
Auxiliary Input, in white  
and brown



PGx904P  
Wireless PowerG PIR  
Motion Detector  
with/without pet immune



PGx935  
Wireless PowerG  
Shock Detector



PGx922  
Wireless PowerG  
Glass Break Detector

## Safety Sensors



PGx926  
Wireless PowerG  
Smoke Detector



PGx916  
Wireless PowerG Smoke  
and Heat Detector



PGx913  
Wireless PowerG CO  
Detector (US only)



PGx905  
Wireless PowerG  
Temperature Detector



PGx985  
Wireless PowerG  
Flood Detector

## 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/  
HS2ICNRFVx  
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

with  
**PowerG**  
Technology

## Communicators & Transmitters



3G8080/ 3G8080(I)  
HSPA Cellular  
Alarm  
Communicator  
compatible with  
ALARM.COM



CD8080/  
CD8080(I)  
CDMA  
Cellular Alarm  
Communicator  
compatible with  
ALARM.COM



3G2080/  
3G2080(R)  
HSPA Cellular  
Alarm  
Communicator



TL2803G/  
TL2803G(R)  
Internet and HSPA  
Dual-path Alarm  
Communicator



TL280/  
TL280(R)  
Internet Alarm  
Communicator



PCL-422  
Communicator  
Remote  
Mounting  
Module

## 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



## Software Support



WebSA System Administrator  
Software



Routine System Management  
Software (RSM)



DLS 5 Downloading Software

## 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

## Sirens, Repeaters & Transceivers



PGx901  
Wireless  
PowerG  
Indoor Siren



PGx911  
Wireless  
PowerG  
Outdoor Siren



PGx920  
Wireless  
PowerG  
Repeater



HSM2HOSTx  
PowerG Host  
Transceiver  
Module

## Control Panels



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

## Wireless, PowerG Door/ Window Contact

### PGx975

PGx975 is an extremely small and thin wireless, PowerG door/window contact, designed primarily for protecting doors and windows. When installed, the PGx975 is virtually unnoticeable and doesn't interfere with the decor. Fully compliant with international standards, the PGx975 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

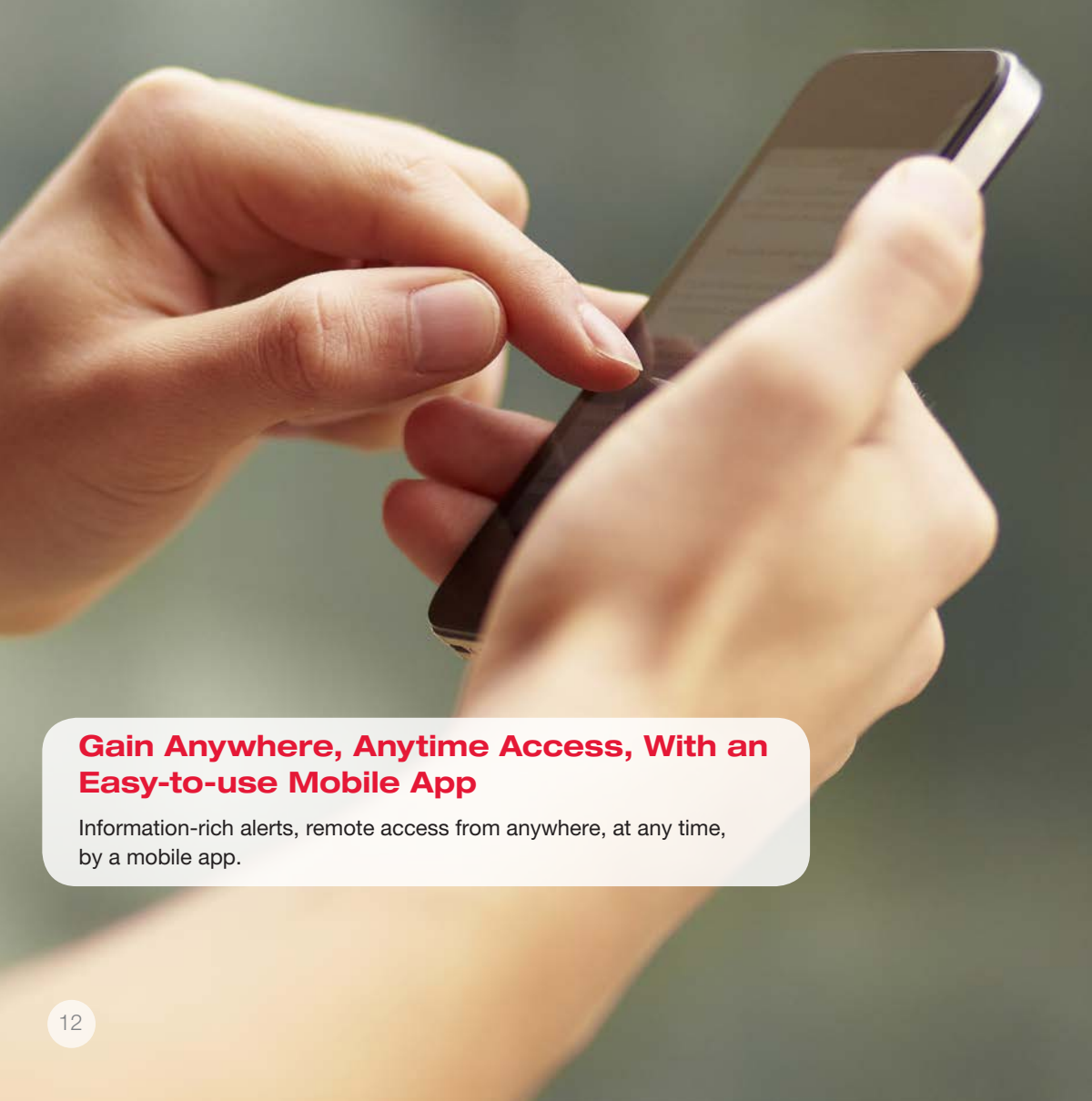
### PGx944

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







**New dimensions  
in security**

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