



**PowerSeries Neo**

**NORTH AMERICAN PRODUCT CATALOG | 2014**

The Next Generation in Security Systems has arrived

**DSC**  
From Tyco Security Products

# Technologies collide in the most spectacular way, forming the next generation in security systems.

PowerSeries Neo captures the flexibility of a modular, hardwired system with the simplicity of a wide range of wireless devices and peripherals, resulting in a ground-breakingly comprehensive and versatile hybrid system for residential through to scalable commercial enterprises.

Infused with PowerG 2-way wireless communication, PowerSeries Neo's revolutionary technology forms the core of an unprecedented line-up of features designed to decrease operational costs for dealers while providing ultimate reliability for end users.

Four control panels ranging in capacity from 16 to 128 zones provide PowerSeries Neo with a reliable heartbeat to cater to a range of security system installations. These panels fully integrate with the extensive selection of PowerG – enabled devices which have been created with simplicity of installation and user-friendliness in mind. The bundled power of PowerSeries Neo is harnessed by distinctive software solutions, reminding you every step of the way that this isn't your typical security system.

**Welcome to Security Redefined.**



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## PowerSeries Neo Control Panels



### HS2016 6 to 16 Zone

- 6 on-board zones
- Expandable to 16 wireless and hardwired zones
- 2 PGM outputs: expandable to 22 (HSM2204, HSM2208)
- Template programming
- Connect up to 8 supervised keypads with keypad zones
- 2 partitions
- 500-event buffer
- 48 user codes

Approval Listings: FCC/IC, UL/ULC, SIA CP-01, CSFM



### HS2032 8 to 32 Zone

- 8 on-board zones
- Expandable to 32 wireless and hardwired zones
- 2 PGM outputs: expandable to 38 (HSM2204, HSM2208)
- Template programming
- Connect up to 8 supervised keypads with keypad zones
- 4 partitions
- 500-event buffer
- 72 user codes

Approval Listings: FCC/IC, UL/ULC, SIA CP-01, CSFM



### HS2064 8 to 64 Zone

- 8 on-board zones
- Expandable to 64 wireless and hardwired zones
- 4 PGM outputs: expandable to 70 (HSM2204, HSM2208)
- Template programming
- Connect up to 8 supervised keypads with keypad zones
- 8 partitions
- 500-event buffer
- 95 user codes

Approval Listings: FCC/IC, UL/ULC, SIA CP-01, CSFM



### HS2128 8 to 128 Zone

- 8 on-board zones
- Expandable to 128 wireless and hardwired zones
- 4 PGM outputs: expandable to 148 (HSM2204, HSM2208)
- Template programming
- Connect up to 16 supervised keypads with keypad zones
- 8 partitions
- 1000-event buffer
- 95 user codes

Approval Listings: FCC/IC, UL/ULC, SIA CP-01, CSFM

## PowerSeries Neo Feature Comparison Chart

	HS2016	HS2032	HS2064	HS2128
Number Of On-Board Zones	6	8	8	8
Total Zones Supported	16	32	64	128
Keypad Zone Expansion	Yes	Yes	Yes	Yes
Hardwired Zone	Yes	Yes	Yes	Yes
Wireless Zone Expansion	Yes	Yes	Yes	Yes
Number of Hardwired Keypads	8	8	8	16
Number of Wireless Keypads	8	8	8	16
Number of Wireless Receivers	1	1	1	1
Number of Wireless Repeaters	4	8	8	8
On-Board PGM Outputs	2	2	4	4
Number of Main Panel Low-Current PGM Outputs	1	1	1	1
Number of Main Panel High-Current PGM Outputs	1	1	3	3
PGM Expansion	Yes	Yes	Yes	Yes
Number of Additional High-Current PGM Outputs	4	4	12	16
Number of Additional Low-Current PGM Outputs	16	32	64	128
Number of Access Codes	47 + master	71 + master	94 + master	94 + master
Number of Partitions	2	4	8	8
Panel Event Buffer	500	500	500	1000
Phone Line Supervision	Yes	Yes	Yes	Yes
Siren Supervision	Yes	Yes	Yes	Yes
Bell Output	Yes	Yes	Yes	Yes
SIA CP-01 Compliant	Yes	Yes	Yes	Yes
SMS Command and Control	Yes	Yes	Yes	Yes
Upload/Download Support	Yes	Yes	Yes	Yes
Direct-Connect (PC Link) Downloading Support	Yes	Yes	Yes	Yes
DLS SA End-User Downloading Support	Yes	Yes	Yes	Yes
Internet Alarm Communications	Yes	Yes	Yes	Yes
Audio Alarm Verification	with PC5950	with PC5950	with PC5950	with PC5950
Cellular Alarm Communications	Yes	Yes	Yes	Yes
Battery Required	Yes	Yes	Yes	Yes

## PowerG Transceiver

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### **HSM2HOST9** PowerG Host Transceiver Module

- Supports up to 128 wireless zones and 32 wireless keys – varies per panel
- Supports DSC PowerG devices
- Compatible with PowerG Repeater (PG9920) for range extension
- All wireless detectors are fully supervised for communication integrity

*Approval Listings: FCC/IC, UL/ULC*

## PowerG Wireless Repeater

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### **PG9920** Wireless PowerG Repeater

- Extends the overall wireless range
- LED indications for power failure, activity and installation performance diagnostics
- Compact and easy to install
- Front and back tamper protected

*Approval Listings: FCC/IC, UL/ULC, CSFM*

## Power Supplies and High & Low Current Output Expansion

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### HSM2300 Power Supply Module

- Fully supervised for AC failure, low battery and AUX failure
- Provides up to 1 Amp @ 12 VDC
- Compatible with HS2016, HS2032, HS2064, HS2128 control panels

Approval Listings: FCC/IC, UL/ULC



### HSM2204 High Current Output Module

- Fully supervised for AC failure, low battery and AUX failure adds 4 programmable high current voltage outputs: rated at 1 Amp @ 12 VDC
- Output #1 can be used as a supervised bell output
- Provides up to 1 Amp @ 12 VDC

Approval Listings: FCC/IC, UL/ULC, CSFM



### HSM2208 Output Module

- Provides 8 low current (50 mA) programmable outputs

Approval Listings: FCC/IC, UL/ULC, CSFM

## Hardwired Expansion

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### HSM2108 8-Hardwired Zone Expander Module

- Adds 8 hardwired zones
- AUX power up to 125 mA (PTC protected)

Approval Listings: FCC/IC, UL/ULC, CSFM

## PowerSeries Neo Keypads



**HS2LCD**  
Full Message LCD Hardwired Keypad

**HS2LCDP**  
With Prox Support

**HS2LCDRF9**  
With Built-in PowerG Transceiver

**HS2LCDRFP9**  
With Built-in PowerG Transceiver & Prox Support

- 6 language support
- Global partition status
- Up to 128 hardwired or wireless zones supported
- Full 32-character programmable labels
- Menu programming
- Modern, slim-line landscape keypad
- White backlit keys
- Blue LCD display
- Displays outdoor temperature
- 5 programmable function keys
- Intuitive clock programming
- Input/Output terminal
- Fire, Medical and Panic keys
- Adjustable backlight and keypad buzzer
- Dual wall-mount and front cover tamper
- Available with English function keys
- Proximity with MPT mini prox tags

Approval Listings: FCC/IC, UL/ULC, SIA CP-01, CSFM



**HS2ICN**  
ICON Hardwired Keypad

**HS2ICNP**  
With Prox Support

**HS2ICNRF9**  
With Built-in PowerG Transceiver

**HS2ICNRFP9**  
With Built-in PowerG Transceiver & Prox Support

- Menu programming
- Up to 128 hardwired or wireless zones supported
- Modern, slim-line landscape keypad
- White backlit keys
- Blue LCD display
- 5 programmable function keys
- Input/Output terminal
- Fire, Medical and Panic keys
- Adjustable backlight and keypad buzzer
- Dual wall-mount and front cover tamper
- Available with English function keys
- Proximity with MPT mini prox tags

Approval Listings: FCC/IC, UL/ULC, SIA CP-01, CSFM



**MPT**  
Mini Prox Tag

- 8 different colors
- Keychain strap





**HS2LED**  
**16-Zone LED Hardwired Keypad**

- Modern, slim-line landscape keypad
- Enlarged keypad buttons
- 5 programmable function keys
- Input/Output terminal
- Fire, Medical and Panic keys
- Available with English function keys
- Adjustable backlight and keypad buzzer
- Proximity with MPT mini prox tags

Approval Listings: FCC/IC, UL/ULC, SIA CP-01, CSFM



**HS2LCDWF9**  
**Wireless Full Message LCD PowerG**  
**2-Way Wire-Free Keypad**

**HS2LCDWFP9**  
**With Prox Support**

**HS2LCDWFPV9\***  
**With Prox Support & Voice Prompting**

- 2x16 full message display
- Intuitive clock programming
- Multiple door chime
- Blue display
- White keymat backlight
- Displays outdoor temperature
- Voice Prompts (\*HS2LCDWFPV9 only)
- Installer programming
- Multi-language support
- 5 programmable function keys
- Fire, Medical and Panic keys
- Available with English function keys
- Tamper switch
- Proximity with MPT mini prox tags

Approval Listings: FCC/IC, UL/ULC, SIA CP-01, CSFM

**PowerSeries Neo Keypad Features**

	WIRE-FREE		HARDWIRED	
	LCD	LCD	ICON	16 LED
Built-in transceiver option		•	•	
Prox option	•	•	•	
Voice prompt	•			
8 Partition Support	•	•	•	•
Front & rear mount tamper	•	•	•	•
5 Programmable function keys	•	•	•	•
3 Separate panic keys	•	•	•	•
Multiple door chimes	•	•	•	•
I/O onboard	•	•	•	•

## PowerG Devices



### PG9938 Wireless PowerG Panic Key

- Activation via large, easy-to-use button
- Integrated LED to indicate signal transmission and acknowledgment
- Water resistant
- Multifunction clip and neck strap
- Full 2-second delay on panic button
- Fully supervised

Approval Listings: FCC/IC, UL/ULC



### PG9949 Wireless PowerG 2-Button Key

- Activation via 2 large, easy to use buttons
- Integrated LED to indicate signal transmission and acknowledgment
- Built-in buzzer for audible indication
- Water resistant
- Multifunction clip and neck strap
- Full 2-second delay on panic button

Approval Listings: FCC/IC, UL/ULC



### PG9939 Wireless PowerG 4-Button Key

- 4 programmable function keys
- Visual and audible indicator to acknowledge requested action
- Full 3-second delay on panic function to reduce false alarms

Approval Listings: FCC/IC, UL/ULC



### PG9929 Wireless PowerG 4-Button Key

- 4 programmable function keys
- Visual and audible indicator to acknowledge requested action
- Full 3-second delay on panic function to reduce false alarms

Approval Listings: FCC/IC, UL/ULC



### PG9975 Wireless PowerG Door/Window Contact

- Wafer-thin profile
- Visible link quality indicator on device
- Fully supervised
- Includes double-sided tape

Approval Listings: FCC/IC, UL/ULC



### PG9945 Wireless PowerG Door/Window Contact with Auxiliary Input

- Selectable operation of auxiliary input as NO, NC or EOL supervision
- Visible link quality indicator shown on device
- Case and wall tamper

Approval Listings: FCC/IC, UL/ULC



**PG9904P**  
**Wireless PowerG PIR Motion Detector**

- Visible link quality indicator on device
- 49 ft (15 m) 90° coverage
- True Motion Recognition™ to distinguish between motion of an intruder and any other disturbances which may cause false alarms
- Pet immunity up to 85 lbs (38 kg)

Approval Listings: FCC/IC, UL/ULC



**PG9934P**  
**Wireless PowerG PIR Motion Detector with Integrated Camera**

- Visual alarm verification day & night
- Full color, high-resolution images transmitted from the premises via Cellular or Ethernet
- CMOS camera with IR illumination
- Auto-setup for brightness and contrast via the control panel
- Front cover and back tamper
- Pet immune up to 85 lbs (38 kg)

Approval Listings: FCC/IC, UL/ULC



**PG9924**  
**Wireless PowerG Curtain PIR Motion Detector**

- Visible link quality indicator on device
- Ideal for protection of doors and windows
- Selectable curtain coverage 6, 12, 18 ft (2, 4, 6 m)
- Front cover and back tamper

Approval Listings: FCC/IC, UL/ULC



**PG9984P**  
**Wireless PowerG Dual Technology (PIR & MW) Motion Detector**

- Visible link quality indicator on device
- Vandal-resistant design
- Dual Technology PIR and K-Band Microwave frequency to reduce false alarms
- Anti-disguise mode to prevent intentional circumvention of the detector

Approval Listings: FCC/IC, UL/ULC



**PG9974P**  
**Wireless PowerG Mirror Optic PIR Motion Detector**

- Coverage area – 50 ft (15 m), 90°
- Mirror optics offer exceptionally high detection sensitivity and immunity to false alarms
- Vandal-resistant design (small, recessed and robust slot window)
- Easy to install - no vertical adjustment needed
- Front and back tamper

Approval Listings: FCC/IC, UL/ULC



**PG9994**  
**Wireless PowerG Outdoor PIR Motion Detector**

- Visible link quality indicator on device
- Minimizes false alarms while ensuring effective detection of real threats
- Octa-Quad Technology
- Vandal-resistant design
- Black mirror optics for exceptionally high immunity to false alarms

Approval Listings: FCC/IC, UL/ULC

## PowerG Devices



### PG9912 Wireless PowerG Glass Break Detector

- Glass break detection of plate, tempered, laminated and wired glass
- Detection range up to 20 ft (6 m)
- Visible link quality indication shown on the device
- Acoustic Pattern Recognition Technology provides 360° coverage
- Visible and transmitted low battery indication

Approval Listings: FCC/IC



### PG9935 Wireless PowerG Shock Detector

- Visible link quality indicator on the device
- High immunity to background vibrations
- Adjustable shock/vibration thresholds
- Front and back tamper
- Optional magnetic reed switch contact

Approval Listings: FCC/IC, UL/ULC



### PG9926 Wireless PowerG Smoke Detector

- Photoelectric smoke detector
- Provides alerts for smoke, tamper and device low battery
- Visible link quality indication shown on the device
- Fully supervised
- Maintenance and battery condition indication
- Built in 85db alarm buzzer

Approval Listings: FCC/IC, UL/ULC, CSFM



### PG9916 Wireless PowerG Smoke and Heat Detector

- Photoelectric smoke detector with built-in heat sensor
- Provides alerts for smoke, tamper and device low battery
- Visible link quality indication shown on the device
- Fully supervised
- Maintenance and battery condition indication
- Built in 85db alarm buzzer

Approval Listings: FCC/IC, UL/ULC, CSFM



### PG9913 Wireless PowerG CO Detector

- Early warning of carbon monoxide (CO) poisoning danger
- Visual and audible alarm indications upon CO detection
- Built-in 95db alarm buzzer and large flashing LED alarm
- Visible and transmitted low battery indication

Approval Listings: FCC/IC, UL/ULC, CSFM



### PG9905 Wireless PowerG Temperature Detector

- Visible link quality indication shown on the device
- Programmable temperature warning and alarm thresholds
- Optional probe to monitor refrigerator, freezer and outdoor temperatures
- Front and back tamper protected

Approval Listings: FCC/IC, UL/ULC



**PG9901**

**Wireless PowerG Indoor Siren**

- Visible link quality indicator on device
- 110db siren with strobe light
- Differentiated audible alerts for intrusion and fire

*Approval Listings: FCC/IC, UL/ULC, CSFM*



**PG9911**

**Wireless PowerG Outdoor Siren**

- 110db siren output
- Strobe light functionality for visual indication
- Sleek design and robust weatherproof housing (IP55)
- Fully supervised

*Approval Listings: FCC/IC, UL/ULC, CSFM*



**PG9985**

**Wireless PowerG Flood Detector**

- Visible signal quality shown on the device
- Fully supervised
- 6 ft (2 m) wire water probe
- Visible and transmitted low battery indication

*Approval Listings: FCC/IC, UL/ULC*

## PowerSeries Neo Transmitters



### 3G2080 HSPA Cellular Alarm Communicator

- Back up and primary Cellular alarm communication
- Panel remote uploading/downloading support via Cellular
- Supervision heartbeats via Cellular
- 128-bit AES encryption via Cellular
- Full event reporting
- SIA and Contact ID protocol
- Remote activating and programming through C24 Communications
- Signal strength and trouble display
- Visual verification over Cellular
- Communicator can be housed in separate cabinet using PCL-422 Communicator Remote Mounting Module
- Command and Control via SMS

Approval Listings: FCC/IC, PTCRB, UL/ULC, NIST (AES Encryption Validation), CSFM, AT&T/Rogers



### TL280 Internet Alarm Communicator

- Panel remote uploading/downloading via Internet
- Programmable using DLS 5 or keypad
- Supervision heartbeat via Internet
- 128 Bit AES Encryption
- Full event reporting
- SIA and Contact ID protocol
- Visual verification over Internet
- Communicator can be housed in separate cabinet using PCL-422 Communicator Remote Mounting Module

Approval Listings: FCC/IC, UL/ULC, CSFM, NIST (AES Encryption Validation)



### TL2803G Internet and HSPA Dual-path Alarm Communicator

- Fully redundant Internet and Cellular dual-path alarm communication
- Integrated call routing
- Panel remote uploading/downloading support via Cellular and Internet
- Supervision heartbeats via Cellular and Internet
- 128-bit AES encryption via Cellular and Internet
- Full event reporting
- SIA and Contact ID protocol
- Remote activating and programming through C24 Communications
- Active Cellular account is required to use IP function
- Signal strength and trouble display
- Visual verification over Cellular or Internet
- Communicator can be housed in separate cabinet using PCL-422 Communicator Remote Mounting Module
- Command and Control via SMS

Approval Listings: FCC/IC, PTCRB, UL/ULC, NIST (AES Encryption Validation), CSFM, AT&T/Rogers



### PCL-422 Communicator Remote Mounting Module

- Allows extension of the PC-LINK connection by 50 ft (15 m) so communicator can be mounted in separate enclosure from panel
- Distance can be extended up to 1000 ft (300 m) if additional power supply is used
- Compatible with 3G2080, TL2803G and TL280 alarm communicators

Approval Listings: FCC/IC, UL/ULC



## SUR-GARD Monitoring Station Receiver **COMING SOON**



From Tyco Security Products



### SG-System 5 IP Receiver

- Required for Visual Verification support
- 4U in height (half the height of a System III)
- Integrated redundancy for CPM's automation, power supplies, LCD touch screen interface, etc.
- SG-DRL5-IP capacity
- 15360 Unsupervised IP Accounts
- 2560 Supervised IP Accounts
- 2560 Visual Verification Accounts
- Additional IP accounts can be added at any time via license keys
- Integration with Automation software for Visual Verification
- Ability to view Visual Verification via SG-Systems Console

## Alarm Verification Solutions

PowerSeries Neo by DSC redefines intrusion security with an exceptionally flexible platform which utilizes innovative alarm verification solutions such as visual and sequential detection designed to decrease operational costs for dealers while providing ultimate reliability for end users.

PowerSeries Neo offers the most sophisticated visual verification solutions through strategically installed PIR cameras which are activated the moment an alarm is triggered. Based on images sent instantly through to the monitoring facility equipped with a SG-System 5 Receiver, the situation can rapidly and accurately be assessed and escalated to authorities, if required, while providing respondents with critical information.



PowerSeries  
**neo**



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**With PowerSeries Neo products,  
no measures are spared to achieve  
stellar industry standards.**



# PowerSeries **neo**



For more information on products please call  
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