Features That Make a Difference:

- 16 to 128 zone panel configurations
- **PowerG** – robust, industry leading commercial grade wireless
- Simple partition management using Global keypads
- Compatible with Alarm.com home automation solutions with built-in Z-Wave capabilities through dual-path LTE/Internet and HSPA (3G)/Internet communicators
- Intuitive, quick installation
- User-friendly interfaces
- Visual alarm verification
- 2-way audio alarm verification via phone or cellular
- Alternate Communications via Cellular and IP
- Local and Remote Downloading
- Cost efficiencies through advanced system software
- 128 bit AES encryption (wireless, communicator & BUS)
- Remote firmware upgrade (panel/keypads/transceiver)

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**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.

**Bringing Home Closer**

PowerSeries Neo is compatible with Alarm.com to deliver best in class smart home control and monitoring solutions. Anticipating future needs for a connected home, with infinite opportunities to maximise the system, PowerSeries Neo becomes an undisputed first-class investment.

**PowerSeries Neo Revolutionary Control Panels with Flexible Scalability & Expansion**

PowerSeries Neo control panels are the heartbeat to this revolutionary hybrid system. DSC offers four control panels in the PowerSeries Neo portfolio, ranging in capacity from 16 to 128 zones and two to eight partitions, providing solutions for the spectrum of installations. Each control panel starts with six or eight hardwired inputs, two- four hardwired outputs and PSTN communication onboard. The system can be tailored for specific installations with added expansion capabilities, features and services. The modular and scalable structure of PowerSeries Neo provides a cost effective, tailored solution for even the most demanding installations. It includes a complete line of expansion modules to fit the requirements of today’s installations while protecting the investment and ensuring growth in the future.

**New Management System Software Custom Designed to Make Installation & Maintenance a Breeze**

PowerSeries Neo introduces the most comprehensive suite of support software in the industry, designed specifically to help security professionals significantly cut time and cost invested in the installation and maintenance of the system.

The suite includes DLS5 Downloading Software, Routine System Management for remote diagnostics, inspections and maintenance, and WebSA System Administrator Software for professional end-user system management.
Innovative Alarm Verification Solutions Reduce False Alarms & Unnecessary Site Checks

PowerSeries Neo utilizes innovative, regionally compliant alarm verification solutions such as visual verification, two-way audio verification and sequential detection, greatly reducing incremental costs that can be incurred by false alarms, while adding to the security professional’s RMR. Leveraging powerful support software, an accurate remote assessment is made of the situation inside the premises when an alarm is triggered by a burglary attempt, fire or other emergency. This eliminates the need for unnecessary site checks – ultimately saving time and cost while enabling responders to be alerted about any potentially dangerous situations.

Flexible Communications Offer Ultimate Peace of Mind

As traditional phone lines become less common and more users choose VoIP or mobile phones, PowerSeries Neo offers optional Cellular and/or IP communication methods. When connected to any PowerSeries Neo control panel, alarm reporting paths can be combined through the Public Switched Telephone Network (PSTN) if so desired, plus Cellular and/or IP channels. The PowerSeries Neo communicators can conveniently utilize the Cellular and/or IP network as a primary or back-up communication path to ensure high speed, reliable and secure alarm communications. The integrated communicators also allow security professionals to offer RMR services such as alarm verification, even in instances where a traditional phone line is not present.

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 enables the system to hop between wireless frequency channels to ensure the seamless transmission of secure communications between the devices and the control panel.
- **Adaptive Transmission Power** translates into up to eight years of battery life for the system’s devices and peripherals, reducing battery-replacement incurred costs.
- **High transmission ranges** allow for devices to reliably communicate within up to 2km/1.24 miles line-of-sight, therefore reducing the cost of installing additional repeaters to service larger premises.
- **TDMA synchronized communication technology** prevents messages from colliding by splitting channels into various time slots, allowing for an increased amount of data transmission and ensuring that devices are able to consistently communicate when needed.
- **128 bit AES encryption** offers exceptionally high level of protection against analysis tools and digital attacks.

Compatibility

**PowerSeries Neo Hardwired Keypads**

- Full Message LCD Hardwired Keypad ....................................................................................................................... HS2LCD
- Full Message LCD Hardwired Keypad with Prox Support ........................................................................................ HS2LCDP
- ICON Hardwired Keypad ........................................................................................................................................ HS2ICN
- ICON Hardwired Keypad with Prox Support ........................................................................................................... HS2ICNP
- Hardwired 7 inch Touch Screen Keypad with Prox Support .................................................................................. HS2TCHP
- Hardwired 7 inch Touch Screen Keypad with Prox Support Black ........................................................................ HS2TCHPBLK

**PowerSeries Neo Hardwired Keypads with Built-In PowerG 915Mhz Wireless Transceiver**

- Full Message LCD Hardwired Keypad with Built-in Transceiver - 915Mhz.............................................................. HS2LCDRF9
- Full Message LCD Hardwired Keypad with Built-in Transceiver and Prox Support - 915Mhz .............................. HS2LCDRF9P
- ICON Hardwired Keypad with built-in Transceiver - 915Mhz ............................................................................... HS2ICNRF9
- ICON Hardwired Keypad with Prox Support and built-in Transceiver - 915Mhz ........................................................ HS2ICNRF9P
**PowerSeries Neo PowerG Wireless Keypads**

- Wireless Full Message LCD keypad - 915Mhz .......................................................... HS2LCDWF9
- Wireless Full Message LCD keypad with Prox Support - 915Mhz .......................... HS2LCDWFP9
- Wireless Full Message LCD keypad with Prox Support and Voice Prompting - 915Mhz HS2LCDWFPV9
- Wired free deskmount stand with transformer ......................................................... HS2LCDWFDMK

**PowerSeries Neo PowerG Standalone Transceivers**

Note: keypad with built-in transceiver modules are listed PowerG = Transceiver Modules

- **PowerG** – Host Standalone Transceiver Module - 915Mhz ........................................ HS2LCDWF9

**PowerG Wireless Devices**

- Smoke Detector ............................................................................................................. PG9926
- Smoke and Heat Detector ............................................................................................ PG9916
- CO Detector .................................................................................................................. PG9913
- PIR Motion Detector ...................................................................................................... PG9914
- PIR Motion Detector with Integrated Camera ............................................................. PG9934P
- PIR Curtain Motion Detector ......................................................................................... PG9924
- Dual-Tech (PIR & MW) Motion Detector .................................................................... PG9984P
- Mirror PIR Motion Detector ........................................................................................ PG9974P
- Outdoor PIR Motion Detector ...................................................................................... PG9994
- Outdoor PIR Motion Detector with Integrated Camera ............................................. PG9944
- Glass Break Detector .................................................................................................. PG9922
- Shock Sensor ............................................................................................................... PG9935
- Flood Detector ............................................................................................................ PG9985
- Temperature Detector ................................................................................................. PG9905
- Optional External Waterproof Temperature Probe for Outdoor Refrigeration Measurement ...................................................... (PGTEMP-PROBE)
- 4-Button Wireless Key2 .............................................................................................. PG9929; PG9939
- Indoor Siren .................................................................................................................. PG9901
- Outdoor Siren ............................................................................................................... PG9911
- Repeater ....................................................................................................................... PG9920
- Door/Window Contact with Auxiliary Input ............................................................... PG9945
- Door/Window Contact ................................................................................................. PG9975
- Single Button Panic Key2 ........................................................................................... PG9938
- 2-Button Wireless Key2 .............................................................................................. PG9949

1 includes Pet Immunity
2 maximum 32 devices maximum any combination

**PowerSeries Neo Power Supplies and High & Low Current Output Expansion**

- Power Supply Module ................................................................................................ HSM2300
- High Current Output Module ...................................................................................... HSM2204
- Output Module ............................................................................................................. HSM2208
- Two-Way Audio Module ............................................................................................ HSM2955
- Stand-Alone Audio Station ......................................................................................... PCS961E
- Large Speaker Station ................................................................................................. PCS964E

**PowerSeries Neo Hardwired Expansion**

- 8 Zone Expander Module ............................................................................................ HSM2108

**Alternate Communicator Options**

- HSPA Cellular Alarm Communicator ........................................................................ 3G2080E
- HSPA Cellular Alarm Communicator with RS422 Integration ................................ 3G2080RE
- LTE/Internet Dual-Path Alarm Communicator with image sensor, compatible with Alarm.com services (US only) TL880LTVZ
- HSPA/Internet Dual-Path Alarm Communicator with image sensor, compatible with Alarm.com services (LATAM only) TL8803GTF-LAT
- HSPA/Internet Alarm Communicator with image sensor, compatible with Alarm.com services (LATAM only) TL8803GCO-LAT
HSPA/Internet Dual-Path Alarm Communicator with image sensor, compatible with Alarm.com services (Canada only)............. TL8803GRG
HSPA/Internet Dual-Path Alarm Communicator with image sensor, compatible with Alarm.com services (Peru only).................. TL8803GITF-PE
Internet Alarm Communicator with RS422 Integration ............................................................................................................ TL280E
Internet and HSPA Dual-Path Alarm Communicator with RS422 Integration............................................................... TL2803GRE
Internet and HSPA Dual-Path Alarm Communicator .................................................................................................................. TL2803GE
Communicator Remote Mounting Module ......................................................................................................................... PCL-422

Note: Please refer to www.dsc.com for a complete list of alarm.com compatible products

Control Panel Specifications

Power Supply......................... 16.5 VAC/40 VA @ 50/60 Hz
Current Draw (Panel) ...................... 85mA (Nominal)
Auxiliary Output.......................... 13.75 +/- 5% Vdc/700mA
Bell Output................................. 13.75 +/- 5% Vdc/700mA
Operating Environment ...............32° to 120° F (0° to 49° C)
Relative Humidity......................... 93%

Control Panel Approval Listings
FCC/IC, UL/ULC, SIA CP-01, CSFM, CNC, Anatel
Note: Please refer to www.dsc.com for the most current approval listings.

PowerSeries Neo Feature Comparison Chart

<table>
<thead>
<tr>
<th>Features</th>
<th>HS2016</th>
<th>HS2032</th>
<th>HS2064 E</th>
<th>HS2128 E</th>
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<tr>
<td>Number of On-Board Zones</td>
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<td>Total Zones Supported</td>
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<td>32</td>
<td>64</td>
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<td>Keypad Zone Expansion</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Hardwired Zone</td>
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<td>Wireless Zone Expansion</td>
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<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Number of Hardwired Keypads</td>
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<td>8</td>
<td>8</td>
<td>16</td>
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<tr>
<td>Number of Wireless Keypads</td>
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<td>Number of Wireless Receivers</td>
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<td>Number of Wireless Repeaters</td>
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<td>On-Board PGM Outputs</td>
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<td>Number of Main Panel Low-Current PGM Outputs</td>
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<td>Number of Main Panel High-Current PGM Outputs</td>
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<td>PGM Expansion</td>
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<td>Number of Additional High-Current PGM Outputs</td>
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<td>Number of Additional Low-Current PGM Outputs</td>
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<td>Number of Access Codes</td>
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<td>71 + master</td>
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<td>999 + master</td>
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<td>Number of Partitions</td>
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<td>Panel Event Buffer</td>
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<td>Phone Line Supervision</td>
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<td>Siren Supervision</td>
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<td>Bell Output</td>
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<td>SIA CP-01 Compliant</td>
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<td>SMS Command and Control</td>
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<td>Upload/Download Support</td>
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<td>DLS SA End-User Downloading Support</td>
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<td>Internet Alarm Communications</td>
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<td>Audio Alarm Verification</td>
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<td>Cellular Alarm Communications</td>
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<td>Battery Required</td>
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