



From Tyco Security Products

with
PowerG
Technology

PowerSeries Neo v1.1 Control Panels

HS2016, HS2032, HS2064, HS2128

(Applicable to Europe, Africa - excluding South Africa)



Features That Make a Difference:

- 16 to 128 zone panel configurations
- **PowerG** – robust, industry leading commercial grade wireless
- 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)

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.

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.

panels, keypads & modules

Contact your DSC distributor
www.dsc.com | 1-905-760-3000



From Tyco Security Products

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* |
| 16 LED Hardwired Keypad..... | HS2LED |
| Hardwired 7 inch TouchScreen Keypad with Prox Support <i>(Coming Soon)</i> | HS2TCHP |

PowerSeries Neo Hardwired Keypads with Built-In PowerG 868Mhz Wireless Transceiver

| | |
|---|-------------|
| Full Message LCD Hardwired Keypad with Built-in Transceiver - 868Mhz..... | HS2LCDRF8 |
| Full Message LCD Hardwired Keypad with Built-in Transceiver and Prox Support - 868Mhz | HS2LCDRFP8 |
| ICON Hardwired Keypad with Built-in Transceiver - 868MHz | HS2ICNRF8* |
| ICON Hardwired Keypad with Built- in PowerG Transceiver and Prox Support - 868MHz | HS2ICNRF8P* |

* Products subject to availability depending on country. Please check with your local sales representative.

PowerSeries Neo PowerG Wireless Keypads

| | |
|---|------------|
| Wireless Full Message LCD keypad - 868Mhz | HS2LCDWF8 |
| Wireless Full Message LCD keypad with Prox Support - 868Mhz..... | HS2LCDWFP8 |
| Wireless Full Message LCD keypad with Prox Support and Voice Prompting - 868Mhz | HS2LCDWFP8 |

PowerSeries Neo PowerG Standalone Transceivers

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

| | |
|---|-----------|
| PowerG – Host Standalone Transceiver Module - 868Mhz | HSM2HOST8 |
|---|-----------|

PowerG Wireless Devices

| | |
|---|----------------|
| Smoke Detector | PG8926 |
| Smoke and Heat Detector | PG8916 |
| CO Detector..... | PG8913 |
| PIR Motion Detector..... | PG8904P** |
| PIR Motion Detector with Integrated Camera..... | PG8934P** |
| PIR Curtain Motion Detector | PG8924 |
| Dual-Tech (PIR & MW) Motion Detector | PG8984P** |
| Mirror PIR Motion Detector..... | PG8974P** |
| Outdoor PIR Motion Detector | PG8994 |
| Outdoor PIR Motion Detector with Integrated Camera (<i>Coming Soon</i>) | PG8944 |
| Glass Break Detector | PG8912 |
| Shock Sensor | PG8935 |
| Flood Detector | PG8985 |
| Temperature Detector | PG8905 |
| Optional External Waterproof Temperature Probe | PGTEMP-PROBE |
| 4-Button Wireless Key..... | PG8929; PG8939 |
| Indoor Siren..... | PG8901 |
| Outdoor Siren..... | PG8911 |
| Repeater | PG8920 |
| Door/Window Contact with Auxilliary Input | PG8945 |
| Door/Window Contact | PG8975 |
| Single Button Panic Key..... | PG8938 |
| 2-Button Wireless Key..... | PG8949 |

** Includes Pet Immunity

Visual Alarm Verification

Note: Requires Central Monitoring Station to utilize a **SG-System 5** Receiver and cellular or IP communicator

| | |
|--|---------|
| PowerG Wireless – PIR Motion Detector with Integrated Camera - 868Mhz..... | PG8934P |
| PowerG Wireless Outdoor PIR Motion Detector with Integrated Camera - 868Mhz..... | PG8944 |

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 (<i>Coming Soon</i>)..... | HSM2955 |
| Stand-Alone Audio Station | PC5961E |
| Large Speaker Station..... | PC5964E |

PowerSeries Neo Hardwired Expansion and Detectors

| | |
|--|--|
| 8 Zone Expander Module..... | HSM2108 |
| Acuity® Glassbreak Detectors | AC-100, AC-101, AC-102, AC-500 |
| Bravo® 5 360° Ceiling-Mount PIR Motion Detectors | BV-500, BV-501, BV-502, BV-500GB, BV-501GB, BV-502GB |
| Bravo® 6 Twin, Dual-Element, Pet-Immune PIR Motion Detectors | BV-600, BV-601, BV-602 |
| Digital Bravo® 300 PIR Motion Detectors | BV-300, BV-300D, BV-300DP |

Dual-Tech Outdoor Motion Detector (Double PIR & Microwave) with Pet Immunity.....LC-171
 Dual-Tech Outdoor Motion Detector (Single PIR & Microwave) with Adjustable Pet ImmunityLC-151
 Encore™ PIR Motion Detectors.....EC300D, EC300DP, EC301, EC301D, EC301DP, EC302D, EC302DP
 PIR Detector with Pet ImmunityLC-100-PI, LC-103-PIMSK, LC-104-PIMW, LC-124-PIMW
 Shock Sensors.....SS-102
 Wired Photoelectric Smoke Detectors FSA-210 Series, FSA-410 Series

Alternate Communicator Options

HSPA Cellular Alarm Communicator3G2080
 Internet Alarm Communicator TL280
 Internet and HSPA Dual-Path Alarm Communicator TL2803G
 Communicator Remote Mounting ModulePCL-422

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 Environment0° to 49° C (32° to 120° F)
 Relative Humidity..... 93%

Control Panel Approval Listings

FCC/IC, CE, EN, SBSC, NCP, INCERT, FG, FP
 Please refer to www.dsc.com for the most current approval listings.
 Product varies depending on country.

Features

| | HS2016 | HS2032 | HS2064 | HS2128 |
|--|---|---|--|---|
| On-Board Zones | 6 | 8 | 8 | 8 |
| Hardwired Zones | 16 | 32 | 64 | 128 |
| Wireless Zones | 16 | 32 | 64 | 128 |
| Keypad Zone Support | Yes | Yes | Yes | Yes |
| On-Board PGM Outputs | PGM 1 = 50mA; PGM 2 = 300mA | PGM 1 = 50mA; PGM 2 = 300mA | PGM 1,3,4 = 50mA; PGM 2 = 300mA | PGM 1,3,4 = 50mA; PGM 2 = 300mA |
| PGM Expansion | 16 x 50mA (HSM2208); 4 x 500mA (HSM2204) | 32 x 50mA (HSM2208); 4 x 500mA (HSM2204) | 64 x 50mA (HSM2208); 12 x 500mA (HSM2204) | 128 x 50mA (HSM2208); 16 x 500mA (HSM2204) |
| Partitions | 2 | 4 | 8 | 8 |
| User Codes | 47+ Master Code | 71+ Master Code | 94+ Master Code | 94+ Master Code |
| Event Buffer | 500 Events | 500 Events | 500 Events | 1000 Events |
| Hardwired Keypads (with or without prox) | 8 | 8 | 8 | 16 |
| Wireless Keypads (with or without prox or voice prompt) | 8 | 8 | 8 | 16 |
| Wireless keys | 16 | 32 | 32 | 32 |
| Wireless Sirens | 4 | 8 | 8 | 16 |
| Wireless Repeaters | 4 | 8 | 8 | 8 |
| Proximity Tags | 47 | 71 | 94 | 94 |