Control panels
PowerSeries Neo

HS2016, HS2032, HS2064, HS2128

(Not applicable to Brazil, Peru and Uruguay)

Features that
make the difference:

- Panel configurations from 16 to 128 zones

- **PowerG** * technology leading wireless for commercial applications

- Quick and intuitive installation

- Friendly interfaces

- Visual alarm verification

- Two-way audio alarm communication over telephone line

- Alternative communication via cellular and IP network

- Local and remote information download

- Cost optimization using advanced software of the system

- 128-bit AES encryption (wireless, communicator and BUS)

- Remote upgrade firmware (panel / keyboards / transceiver)

- Compatibility with interactive services of Alarm.com via DSC Communicator Series 3G8080 (*soon)*

PowerSeries Neo
redefine security

DSC PowerSeries Neo redefines intrusion security by combining the flexibility of a modular wired system with the simplicity of a wide range of devices and

wireless peripherals, resulting be the most complete hybrid system available on the market today.

This new platform Exceptionally flexible, it utilizes the unsurpassed capabilities of PowerG - the industry's leading wireless intrusion technology. Innovative alarm verification solutions, coupled with an exceptionally comprehensive set of remote service software tools, make PowerSeries Neo the ideal solution of excellence for scalable residential and commercial installations.

Control panels
PowerSeries Neo,
revolutionaries, with
expansion flexibility
and scalability

PowerSeries Neo control panels are the heart of this revolutionary hybrid system. DSC offers four control panels in its PowerSeries Neo product portfolio, with capacity from 16 to 128 zones and two to eight partitions, providing solutions for a wide range of

installations. Each control panel has six or eight hardwired inputs, two to four hardwired outputs and integrated phone line communication. The system can be customized for installations

by adding expandability, features and services. The scalable and modular structure of PowerSeries Neo ensures a cost-effective, customized solution that adapts to even the most demanding installations. It includes a complete line of expansion modules that adapt to the requirements of current facilities, protecting investment and enabling future growth.

New software
administration of
customizable system,
simplifies installation
and maintenance

PowerSeries Neo introduces the industry's most comprehensive suite of technical support software tools, specifically designed to help security professionals save time and cost invested in system installation and maintenance.

The suite of tools includes DLS 5 Download Software, Remote Diagnostics software for remote diagnosis, inspection and maintenance, and WebSA System Administrator software for the end user.

De Tyco Security Products

Innovative verification solutions Flexible alarm communications, reduce false alarms and

feel totally calm

unnecessary transfers

PowerSeries Neo uses innovative alarm verification solutions, which comply with regional standards, such as visual verification and sequential detection, significantly reducing the high costs generated by false alarms while allowing additional recurring income to the security professional. Using powerful helpdesk software, the situation inside the property can be accurately assessed remotely when an alarm is triggered by attempted burglary, fire or other emergency. This eliminates the need for rounds for verification - definitely saving time and costs, while allowing operators to stay alert to any potentially dangerous situation.

As traditional phone lines are used less and less and users are turning to VoIP or mobile phones, PowerSeries Neo offers optional methods of communication via cellular and / or IP. Being connected to any PowerSeries Neo control panel, the communication means for alarm reporting can be combined through the fixed telephone network (PSTN), if desired, together with the cellular and / or IP channels. PowerSeries Neo communicators can conveniently utilize the cellular and / or IP network as the primary or backup communication medium to ensure high-speed, reliable and secure alarm transmissions. Built-in communicators also allow security professionals to offer additional IMR services such as alarm verification,

The power of PowerG *:

The power behind PowerSeries Neo resides in several innovative technologies, including the revolutionary PowerG, which combined, provide a robust and feature-rich platform designed to reduce operating costs for distributors and to provide the most advanced reliability to end users.

• Multichannel technology wide spectrum with frequency hopping allows the system to jump between wireless channel frequencies, ensuring continuity in transmission so that communications between devices and the control panel are secure.

• The adaptive transmit power It translates into longer battery life, up to eight years of useful life for system devices and peripherals, reducing battery replacement costs.

• The great transmission range allows devices to communicate reliably within a range of up to 2 km / 1.24 miles with line of sight, consequently reducing the cost of installing additional repeaters to cover larger areas.

• The TDMA synchronized communications technology It prevents message collisions by separating the channels into different time divisions, allowing to increase the amount of data transmitted and ensuring that the devices are able to communicate consistently when needed.

• 128-bit AES encryption offers an exceptionally high level of protection against spy tools and digital attacks.

Compatibility

PowerSeries Neo Wired Keyboards

Alphanumeric LCD wired keyboard .... HS2LCD Wired LCD keypad alphanumeric with Proximity .... HS2LCDP ICON Wired Keypad .... HS2ICN Wired ICON Keypad with Proximity .... HS2ICNP 16 LED Wired Keypad HS2LED

Wired Keyboards with PowerG 915MHz PowerSeries Neo Wireless Transceiver

Alphanumeric LCD wired keyboard with 915MHz transceiver .... HS2LCDRF9 Alphanumeric LCD wired keypad with 915MHz transceiver and Proximity .... HS2LCDRFP9 ICON Wired Keypad with 915MHz transceiver .... HS2ICNRF9 ICON Wired Keypad with 915MHz Transceiver and Proximity HS2ICNRFP9

PowerG PowerSeries Neo Wireless Keyboards

Wireless alphanumeric LCD keyboard - 915Mhz HS2LCDWF9

Wireless Alphanumeric LCD Keypad with Proximity - 915Mhz .... HS2LCDWFP9 Wireless keyboard Alphanumeric LCD with Proximity and Voice Menu - 915Mhz HS2LCDWFPV9

PowerG PowerSeries Neo Standalone Transceivers

Note: Keyboards with an integrated transceiver module are identified as Modules w / Transceiver **PowerG ***

Standalone Transceiver Host Module **PowerG * -** 915Mhz HSM2HOST9

PowerG wireless devices

.... PG9929; PG9939 Indoor siren ....
PG9901 Outdoor siren .... PG9911 Repeater
.... PG9920 Contact door / window with auxiliary
input .... PG9945 Door / Window Contact .....

* Includes pet immunity

Visual alarm verification

Requires the central monitoring station to use a receiver **SG-System 5** and cellular or IP communicator
Wireless PIR Motion Detector with Camera **PowerG *** - 915Mhz PG9934P

PowerSeries Neo High and Low Current Capacity Output Expansion and Power Supplies

Power supply module HSM2300
Output module with high current capacity .... HSM2204 Output module ....
.... HSM2208

PowerSeries Neo Wired Detectors and Expansion

8 zone expansion module .... HSM2108 Acuity Glassbreak Detectors ®
.... AC-100, AC-101, AC-102, AC-500 PIR 360 ° motion detectors for ceiling mounting Bravo ® 5 ..... BV-500, BV-501, BV-502,
BV-500GB, BV-501GB, BV-502GB

Bravo Dual Element Pet Immune PIR Motion Detectors ® 6 Twin .... BV-600, BV-601 , BV-602

PIR Digital Bravo motion detectors ® 300 .... BV-300, BV-300D, BV -300DP Double technology outdoor motion detector (Double PIR and Microwave) immune to pets LC-171

Dual technology outdoor motion detector (Simple PIR and Microwave) with adjustable pet immunity LC-151

PIR Encore motion detectors ™ .... EC300D, EC300DP, EC301, EC301D, EC301DP, EC302D, EC302DP Pet immune PIR detector .... LC-100-PI, LC-103-PIMSK, LC-104-PIMW, LC-124-PIMW Impact sensors SS-102

Wired Photoelectric Smoke Detectors .... FSA-210 Series , FSA-410 Series

Alternative communication options

HSPA Cellular Alarm Communicator .... 3G2080 Alarm Communicator via Internet .... TL280 Dual Link Alarm Communicator via Internet and HSPA .... TL2803G Module for remote mounting of the communicator PCL-422

Control panel specifications

Power supply .... 16.5 VAC / 40 VA @ 50/60 Hz Current consumption (Panel) .... 85 mA (Nominal) Auxiliary output .... 13.75 +/- 5% Vdc / 700 mA Siren output ... . 13.75 +/- 5% Vdc / 700 mA

Operating temperature .... 32 ° to 120 ° F (0 ° to 49 ° C) Relative humidity 93%

Control panel approvals

FCC / IC, UL / ULC, SIA CP-01, CSFM

Note: The approval list is current as of the printing date. Please check www.dsc.com for the most current approval lists.

features

	HS2016	HS2032	HS2064	HS2128
Zones on the board	6	8	8	8
Wired zones	16	32	64	128
Wireless zones	16	32	64	128
Supports keypad zone PGM	Yes	Yes	Yes	Yes
outputs on board	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 memory	500 events	500 events	500 events	1000 events
Wired keyboards (with or without proximity)	8	8	8	16
Wireless keyboards (with or no proximity or voice menu)	8	8	8	16
Wireless keys	16	32	32	32
Wireless sirens	4	8	8	16
Wireless repeaters	4	8	8	8
Proximity credentials (tag)	47	71	94	94

For product information www.dsc.com