

**NOW WITH 248 ZONES!**



### Growth Opportunities

PowerSeries Pro provides scalable commercial installations designed to accommodate additional buildings and areas



And add additional functions, such as temperature monitoring and predictive analytics



### Flexibility

Frequency Hopping Spread Spectrum technology repeatedly switches frequencies to minimize interference of radio signals and prevent interception and obstruction during transmission



### Easy Installation

No drills. No wires. No repeaters.



*(thanks to long range PowerG technology, 128-bit encrypted wireless communication.)*



### Integration Capabilities

Supports multiple third-party integrations, including Building Management Software, Alarm.com, and access control solutions

Compatible with a long list of additional security products, the system meshes them together seamlessly



# PowerSeries Pro 1.1 Commercial Security System

Go further with leading-edge security for businesses

## A Powerful New System for Businesses of All Sizes

Introducing PowerSeries Pro 1.1, the commercial-grade security system that takes wireless where it's never gone before. Families and small businesses have long turned to PowerSeries to protect their properties; and now medium to large businesses can too. With cyber protection features and long-range wireless communication capabilities, PowerSeries Pro 1.1 is the only intrusion security panel that can handle large installations – such as warehouses, office buildings, factories, and healthcare facilities – while eliminating the need for wires on sensors or keypads.

### Best-in-Class Security

PowerSeries Pro 1.1 uses robust PowerG technology to provide long-range wireless encrypted communications. This ensures full premises intrusion detection and enhanced cyber protection. For added reliability and to prevent tampering, PowerSeries Pro 1.1 is equipped with triple-end-of-line capability for hardwired zones, and anti-masking for wired and wireless zones.

### Easy Installation & Integration

Without the need to run long wires, installation is a breeze. The intuitive installer app (free for download on any smart device) further simplifies the process. User-friendly and versatile by design, PowerSeries Pro 1.1 supports multiple third-party integrations, including Building Management Software (BMS), Alarm.com, and access solutions.

### Future-Ready Scalable Value

Superior on-board power, on-board ethernet and modular communicators ensure long-lasting value. Created with growth opportunities in mind, PowerSeries Pro 1.1 supports an ever-expanding list of compatible security products that can be easily added to support each customer's changing needs.

### Increase Efficiency and Improve Profitability

Powerful and easy-to-use suite of software is a winning combination of installation, diagnostic & trouble shooting features. Based on DLS5 Downloading Software, its a powerful combination of software featuring WebSA System Administrator Software, with Routine System Management (RSM) tool for remote diagnostic, inspection and maintenance.

## KEY BENEFITS

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Secures mid-large commercial installations without the need for wires on sensors or keypads

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Robust PowerG technology provides long-range wireless encrypted communications with two-way 128-bit AES encryption technology

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Prevents tampering with enhanced triple end-of-line resistors and PowerG anti-masking technology

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Simple to install with different interfaces for hardwired keypads (touchscreen vs. LCD), local installation app & removable terminal strips

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Easily integrates with alarm.com and other third-party integrators including Building Management Software (BMS), and access solutions

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Ensures growth opportunities with most on-board power an ever-expanding list of compatible security products

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Saves time during system take-overs with programmable end-of-line hardwired zone resistance

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Dramatic reduction of truck rolls thanks to remote diagnostic, inspection and maintenance tools



# PANEL COMPARISON & COMPATIBILITY

ON BOARD	HS3032	HS3128	HS3248
On board Zones	8	8	8
Maximum Zones	32	128	248
Maximum Partitions	4	8	8
Maximum Wireless Zones	32	128	128
Users	72	1000	1000
On Board PGM	4	4	4
Maximum Low Current PGM's (HSM2208)	32	128	128
Maximum High Current PGM's (HSM2204)	4	16	16
Maximum Relay PGM's (HSM3204CX)	4	32	32
Event Buffer	500	1000	1000
Priority Buffer	2000	2000	2000
Arming Buffer	100	100	100
Cellular Plug-in Interface	1	1	1
On-Board Ethernet Connection 10MB/100MB/1GB	1	1	1
USB Connectors	2	2	2

NAME	PART NUMBER
8 Zone Expander with removable terminal blocks	HSM3408
2 Amp Power Supply Bus Extender with 4 relay outputs	HSM3204CX
3 Amp Supervised Power Supply	HSM3350
18 V DC Power Adapter for main panel and power supplies	HS65WPSNA
Wi-Fi Adapter for installer programming	HSM3WIFI
LTE Cellular Communicator	LE9080
Alarm.Com Dual Path Communciator	TL880LEAT N (AT&T US or Canada) TL880LETL N (Telus Canada only) TL880LTVZ N (Verizon US only)
LCD Keypad with Prox and/or PowerG Transceiver	HS2LCD(RF)PRO9
TouchScreen Keypad with Prox. Tag Support (available in black or white)	HS2TCHPRO(BLK)
8 Zone Expander	HSM2108
1 Amp Power Supply with 4 programmable outputs	HSM2204
8 low current power programmable output expander	HSM2208
1 Amp Supervised Power Supply	HSM2300
Two-Way Audio module	HSM2955
PowerG Transceiver	HSM2HOST9
Compatible with all PowerG devices	

SPECIFICATIONS
External Power Supply HS65WPSNA .....100 V-240 VAC 50/60 HZ Max 1.7A. Output 18 VDC 3.6A Max.
Note: Power supply may be mounted outside the cabinet. Use the following guide to determine maximum distance for the selected wire gauge:
DISTANCE GAUGE:
6.5ft/2 meters ..... 22AWG
10ft/3 meters ..... 20AWG
13ft/4 meters ..... 18AWG
Current Draw (Panel) .....85mA (Nominal)
Auxiliary Output .....13.75 +/- 5% Vdc/2 A
Bell Output ..... 13.75 +/- 5% Vdc/700 mA (2.0 A Current Limited)
Operating Environment..... 32° to 120° F (0° to 49° C)
Relative Humidity ..... 93%
Board dimensions : 191 mm x 97 mm
<b>Note:</b> Please refer to <a href="http://www.dsc.com">www.dsc.com</a> for the most current approval listings.

## PowerG – THE POWER OF WIRES, WITHOUT THE WIRES

- Military-grade two-way, 128-bit AES encryption protects against powerful analysis tools and digital attacks
- Full two-way synchronized TDMA communication to ensure there are no lost alarm messages
- Multi-channel, Frequency Hopping Spread Spectrum (FHSS) repeatedly switches frequencies to minimize interference of radio signals and prevent interception and obstruction during transmission
- ULC Wireless Commercial Burglary level 1, 2 & 3 Approval (ULC-5304-16)\*
- Devices dynamically optimize their route to the control panel to avoid RF interference and to extend battery life up to 8 years\*\*
- 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
- Advanced, time-saving toolset: on-site and remote diagnostics, remote real-time testing, support for advanced applications & mobile control to dramatically reduce maintenance costs

\*Only applicable in Canada

\*\*Battery life depends on device placement and system use

## ABOUT US

### About Tyco

Tyco and its portfolio of brands form one of the largest security portfolios in the world. Engineers specializing in video security, access control, location-based security, and intrusion security give Tyco a competitive advantage when it comes to system integration. The company's focus is on turning data from sensors and systems into sharp insights and services that can solve those challenges and improve its customers' operations and performance. With more than a billion sensors and devices already in place across the globe, Tyco is in a unique position to deliver that future and make the Internet of Things work for its customers.

Visit [www.tyco.com](http://www.tyco.com) to find out more.

### About Johnson Controls

Johnson Controls is a global diversified technology and multi industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates to our roots in 1885, with the invention of the first electric room thermostat. We are committed to helping our customers win and creating greater value for all our stakeholders through strategic focus on our buildings and energy growth platforms. For additional information, please visit [johnsoncontrols.com](http://johnsoncontrols.com) or follow us [@johnsoncontrols](https://twitter.com/johnsoncontrols) on Twitter.

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