tyco®

Data Sheet

PowerSeries Pro
Commercial Security System
Hardwired Expansion Modules

A Powerful New System for Businesses of All Sizes

Introducing PowerSeries Pro, 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 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.

Cyber Protection

PowerSeries Pro 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 is equipped with enhanced triple-end-of-line PowerG anti-masking technology.

Easy Installation

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 supports multiple third-party integrations, including Building Management Software (BMS) and video access solutions.

Extensive Value

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

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Key Features

· Hardwired zone expansion allows for easy expansion and programmable outputs
· All modules connect to main panel via a 4-wire connection
· Simple wiring can be home ran, daisy chained, or tee-tapped
· Fully encrypted communication
· Bus Repeaters allows for module to be installed up to 16,000 feet from main panel
· 2 or 3 amp supervised power supplies allow for larger scale systems

HS3032/3128 MAIN PANEL

HS2TCHPRO   HSM3204CX   HSM3408   HSM3204CX   HSM3408   HSMHOST

HSM3408

HS2LCDPRO
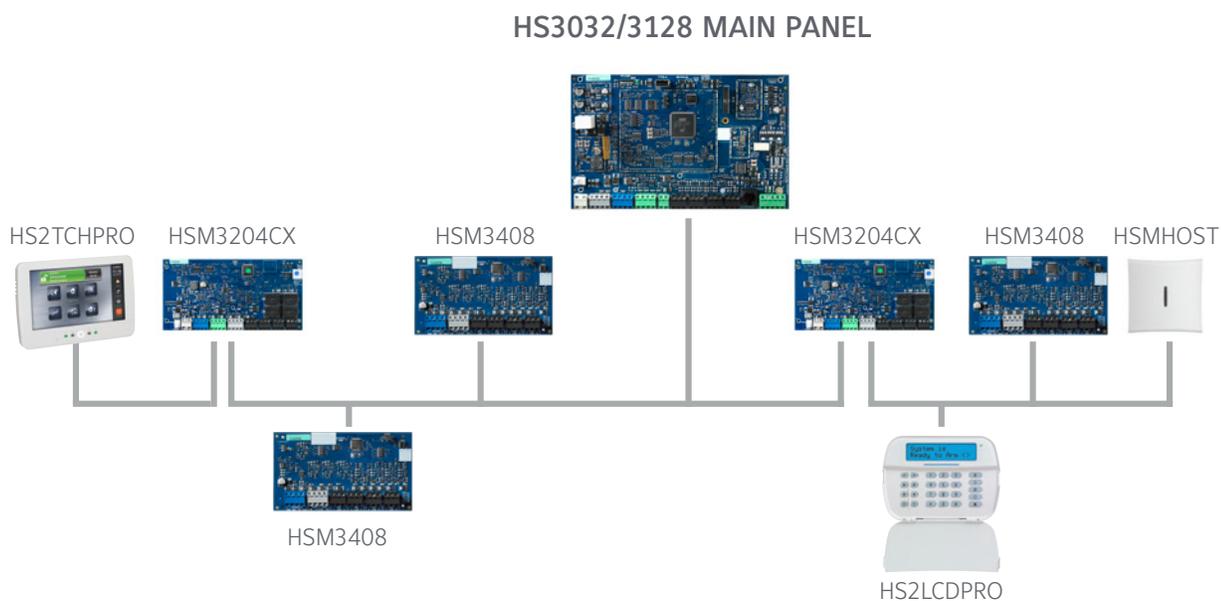
HSM3408 8 Zone Expander

- The HSM3408 is a zone expander that adds up to 8 fully programmable zones to any PowerSeries Pro security system
- Supports no end-of-line, single end-of-line (0.5 kΩ – 28 kΩ), double end-of-line 0(.5 kΩ – 15 kΩ), or triple end-of-line loops (0.5 kΩ – 7.5 kΩ)
- Connect up to 3/15 modules per system
- Provides enhanced diagnostics information for simpler diagnostics

Specifications
Ordering Information:

HSM3408:...8 hardwired zone expander

Dimensions:..............83 mm x 145 mm (3.25 inches x 5.7 inches)

Board Current Draw: ....50 mA

Input Voltage: ....10.8 VDC – 12.5 VDC

Operating Environment:.............–10˚ C to + 55˚ C (14˚ F to 131˚ F)

Relative Humidity: ....5% to 93%

Enclosures:

Standard metal cabinet (North America): HSC3010C

Red cabinet (Canada only): HSC3010CR

Attack resistant cabinet (North America): HSC3030CAR

HSM3WIFI Programming WiFi Adapter

- The HSM3WIFI Adapter creates a wireless hotspot that can be used with either DLS 5 version 1.70+ or the PowerSeries Pro AlarmInstall Installation app
- SSID & Password configurable using the HSM3WIFI Configuration Manager

Specifications
Ordering Information:

HSM3WIFI: ....USB WIFI Adapter

Spectrum: .... IEEE 802.11 b/g/n

Frequency band: ....2.4 GHz

Security: WPA2

Supply voltage: ....USB VBUS 5 VDC ± 5 %

Current: ....120 mA @ 5 V (typical); 380 mA @ 5 V

Panel interface: ....USB Type-A, Male

RF distance: .... > 20 M (65.5 feet) line of sight (in the metal panel cabinet with the door open)

Default SSID: HSM3WIFI

Default password: 12345678

Static IP address: 192.168.55.1

HSM3204CX Power Supply with Corbus Repeater
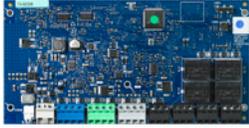
- The HSM3204CX provides an additional 12 VDC, 2 amps of current along with 4 programmable Form C relay outputs
- Each module extends the bus up to 4000 feet. Four modules may be connected together in series for a total of 14,000 feet

Control Panel	HSM3204CX	HSM3204CX	HSM3204CX	HSM3204CX	Module
1000ft	4000ft	4000ft	4000ft	1000ft	
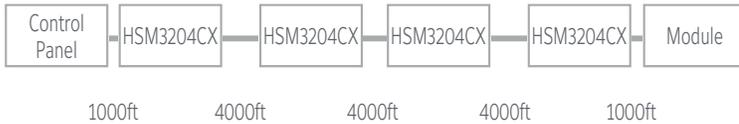
- Uses HS65WPSNA Power Supply adapter
- Connect up to 1/8 modules per system
- Provides enhanced diagnostics information for simpler diagnostics

HSM3350 Supervised 3 Amp Power Supply

- The HSM3350 provides an additional 12 VDC, 3 amps of power
- Dual battery backups individually supervised
- Uses HS65WPSNA Power Supply adapter
- Connect up to 3/4 modules per system
- Provides enhanced diagnostics information for simpler diagnostics

Specifications
Ordering Information:

HSM3204CX: ....2 Amp Power Supply with Bus Extender

Dimensions: ....191 mm X 97 mm (7.5 inches x 3.8 inches)

Board Current Draw: ....25 mA

Input Voltage: ....10.8 VDC – 12.5 VDC

Operating Environment: ....–10˚ C to + 55˚ C (14˚ F to 131˚ F)

Relative Humidity: .... 5% to 93%

Aux output Voltage: ....10.8VDC – 12.5 VDC

Aux output current: .... 2 Amps

Enclosures:

Standard metal cabinet (North America): HSC3010C

Red cabinet (Canada only): HSC3010CR

Attack resistant cabinet (North America): HSC3030CAR

Specifications
Ordering Information:

HSM3350: ....3 Amp Power Supply

Dimensions:...................191 mm X 97 mm (7.5 inches x 3.8 inches)

Board Current Draw: ....35 mA

Input Voltage: ....10.8 VDC – 12.5 VDC

Operating Environment: ....–10˚ C to + 55˚ C (14˚ F to 131˚ F)

Relative Humidity: .... 5% to 93%

Aux output Voltage: ....10.8VDC – 12.5 VDC

Aux output current: .... 3 Amps

Enclosures:

Standard metal cabinet (North America): HSC3010C

Red cabinet (Canada only): HSC3010CR

Attack resistant cabinet (North America): HSC3030CAR

LE9080 Cellular Communicator

- The LE9080 is a cellular radio designed to provide alarm communications to a central monitoring station
- Mounts on main Panel Board
- Uses LTE-15ANT / LTE-25ANT / LTE-50ANT antenna extension kits.
- Used with Connect 24 services

HS65WPSNA (S) Power Adapter

- The HS65WPSNA is the Power Adapter used for the PowerSeries Pro main panel and its power supply modules
- The HS65WPSNAS is the Power Adapter used in Canada for the HS3032-KIT1CF

Specifications
Ordering Information:

LE9080: ....Cellular Radio Communiciator

Dimensions: ....31 mm X 61 mm (1.2 inches x 2.4 inches)

Board Current Draw: ....28 mA

Input Voltage: ....3.4 VDC – 4.8 VDC

Operating Environment: ....-10˚ C to + 55˚ C (14˚ F to 131˚ F)

Relative Humidity: .... 5% to 93%

Frequency bands in MHz:

LTE Bands:

LTE Band 12 – 700MHz AC

LTE Band 13 – 700MHz C

LTE Band 5 – 850MHz

LTE Band 4 – 1700 / 2100 MHz AWS1

LTE Band 2 – 1900MHz PCS

3G Bands:

FDD Band 5 – 850 MHz

FDD Band 2 – 1900 PCS

LTE Maximum transmission power: ....Class 3 200mW

3G Maximum transmission power: ....Class 3 250 mW

Specifications
Ordering Information:

HS65WPSNA: ....18 VDC Power Adapter with IEEE Type B plug

HS65WPSNAS: 18 VDC Power Adapter without plug. (Canada only)

Dimensions: ....191 mm X 97 mm (7.5 inches x 3.8 inches)

Input Voltage: ....100 VAC – 240 VAC 50/60Hz

Output Voltage: ....18 VDC

Operating Environment: ....-10˚ C to + 55˚ C (14˚ F to 131˚ F)

Relative Humidity: .... 5% to 93%

Aux output current: .... 3 Amps

Enclosures:

Standard metal cabinet (North America): HSC3010C

Red cabinet (Canada only): HSC3010CR

Attack resistant cabinet (North America): HSC3030CAR

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