



New Product Announcement

PowerSeries Pro Version 1.2

Date: May 5, 2020
Product: PowerSeries Pro
Region: NA
Brand: DSC



**Scalable solution to meet intrusion demands of your growing business
- Now with 32 partitions and 32 keypads! -**

Profile

We are pleased to announce the launch of the PowerSeries Pro v1.20, now supporting 32 partitions and 32 keypads. This additional feature-set enables an expanded range of applications for larger, and more complex commercial installations.

PowerSeries Pro features PowerG wireless encryption technology and is built with superior onboard power. It is ideal for large-scale intrusion projects in factories, warehouses, office buildings, retail, and energy sector facilities –to meet the demands of your growing business.

Top 10 reasons to switch to the PowerSeries Pro:

1. **248 zones & 32 partitions:** Be empowered to take on larger projects.
2. **2A on-board power:** Plenty of power for larger projects. Scalable & ready for growth.
3. **Long-range PowerG wireless:** Up to 1.2 miles or 4X of traditional wireless. No repeater needed.
4. **128-bit AES encryption for wired & wireless:** Best-in-class encryption technology.
5. **Anti-masking hardwired & wireless:** Enhanced security in case of tempering.
6. **Local installer app:** No internet connection is required for installation.
7. **Removable terminal strips:** Easy to handle, speeds up installation.

8. **Real-time diagnostics:** Snapshot of diagnostics of all bus modules and onboard connections remotely displayed on DLS5 and also on a keypad.
9. **Routine system management:** Full RSM report generation after a remote inspection. Fewer truck rolls. Less time on-site.
10. **Programmable zone resistance:** Simplify takeovers by automatically detecting end-of-line resistance.

New Features, Benefits & Value		
Feature	Benefit	Value
Increased number of modules	HS3248 now features: <ul style="list-style-type: none"> Up to 16 HSM3204CX (Corbus repeater) on HS3248 Up to 32 HSLCD(P) LCD Keypad or HS2TCH Touchscreen keypad on HS3248 Panel Up to 64 Relay outputs PGMs on HS3248 Panel 	<ul style="list-style-type: none"> Increased flexibility on a large installation & ability to address the unique needs of each area. Use up to 32 partitions and up to 32 keypads: Be ready for future customer needs such as additional buildings or new applications Divide the premises in up to 32 different areas or partitions for different tenants with different arming schedules and a different keypad for each partition Separate manufacturing, distribution, offices and other areas, even remote ones, to flexibilize user operation in large industrial applications.
32 Partitions	On HS3248 now features 32 partitions	
Support for the new PowerG Device PG9309 – Commercial Magnetic contact	Commercial magnetic contact PG9309 is fully supported by PSP1.20 with HS2LCDFPRO9 V2.2 or with HSM2HOST v1.33, including: <ul style="list-style-type: none"> DEOL, TEOL configuration 2 External inputs with the same configuration options Temperature support 	<ul style="list-style-type: none"> High-traffic sites require devices with longer battery life Longer battery life also helps to reduce on-site visits Zone temperature is displayed on the keypad. The customer can keep track of temperature fluctuations in critical areas such as fridges, freezers or manufacturing facilities, without installing an additional temperature sensor
Compliance with California Bill SB-	The DLS Access code, ITv2 Integration codes,	Compliance with the new high standard of security for remote connection. This

327	Communicator Installer codes will be changed during the initial connection from standard defaults	is mandatory in California, and beneficial anywhere else
Communicator Section Default option	Possibility to select the communicator default options	Saves installation time
Communicator Installer Code	Allows the installer to configure different codes from default hardcoded value	Increase the security level for installer access

Tech Notes

Increased Partitions

The increase in the maximum number of supported partitions affects all features related to partitions, including:

- [*5] Access Code Programming Partition Assignment
- Global Keypads Menu
- [000][1XX] Partition Labels
- [000][2XX] Command Output Labels
- [005] System Times
- [007] PGM Partition Assignment
- [15X] Auto Arm Scheduling and No-Activity arming per partition
- [200] Partition Mask
- [2XX] Partition Zone Assignment
- [310] Partition Account Numbers
- [31x] Partition Call Directions
- [804][000] Wireless Zone, Keyfob, Keypad, and Siren Partition Assignment
- [804][55X] Wireless Siren Partition Assignment
- [804][60X] Wireless Keyfob Partition Assignment
- [86X][000] Keypad Partition Assignment
- [86X][001]-[004] Partition Select Function KeyTrouble Beep Silencing

Communicator Installer code

The Communicator Installer code programming has been added in section [851][011].

Communication Default Options

Sections to reset the communicator options has been added:

- [851][999][Installer Code] [55] for Reset of Radio module and [00] for default of Option [851]

- [993] [Installer Code][993 or *] reset the communicator sections to factory default

New versions of AlarmInstall and ConnectAlarm apps support PSP1.20 configurations.

Power up the system

The initial power-up sequence may take up to 3.5 minutes where no status LED indication will be present. After this period, “Press Any Key to Enroll” will be displayed on the connected keypad. Press any key, and the keypad will show “Defaulting labels in progress”. The system will be usable only after this step and notice.

Control panel upgrade

You can upgrade previously released control panels (HS3032, HS3128 & HS3248) by using DLS software. The firmware files for the PowerSeries Pro version 1.20 will be available online starting April 30, 2020. For instructions on how to update the firmware locally or remotely, please click on one of the links below or copy and paste it into a browser:

<https://www2.tycosp.com/e/17422/es-Pro-Remote-Firmware-Upgrade/v7412s/846831031?h=3KvBrfiKfcCQo3mCHBPn6ycTcRfGNnNWPTMxDcfuAgU>
<https://www2.tycosp.com/e/17422/ies-Pro-Local-Firmware-Upgrade/v7412v/846831031?h=3KvBrfiKfcCQo3mCHBPn6ycTcRfGNnNWPTMxDcfuAgU>

For instructions on how to upgrade using the alarm.com portal please contact the alarm.com dealer portal.

Notes on the panel upgrade

- If the panel version is prior to PSP1.11, the panel first needs to be upgraded to PSP1.11, before upgrading to PSP1.20:
 - This will be done automatically by the Remote upgrade process.
 - For the local upgrade, the Installer needs to select the bridge file in Flash upgrade utility of DLS.
- For PSP1.20 Local upgrade, there will be 3 different types of .flash files one each for HS3032, HS3128 and HS3248 models.
- Remote firmware upgrades will be completed automatically by the DLS v1.73.
- Local upgrades must be completed manually.
 - For example, if the panel is at v1.00/1.01 and Keypad at v1.40, to upgrade to PSPv1.20 firmware, following path needs to be followed:
 - a) Upgrade panel to PSP1.11
 - b) Upgrade panel to PSP1.20
 - c) Apply the Keypad bridge to upgrade from v1.40 to v1.42
 - d) Apply the Keypad-Module bundle to upgrade the keypads to v2.20 and other modules to the latest released versions.

- Ensure the panel is upgraded to v1.20 first before attempting to upgrade any keypads and modules.

Compatibility & Ancillaries

Keypads	HS2LCDPRO	Version 2.20 +
	HS2LCDPRORF9	Version 2.20 +
	HS2LCDWFPRO9(V)	Version 2.20 +
	HS2TCHPRO(BLK)	Version 2.20 +
Zone Expanders	HSM3408	Version 1.00 +
	HSM2108	Version 1.00 +
	HSM2HOST9	Version 1.33 +
Power Supplies / PGM Expanders	HSM2204	Version 1.00 +
	HSM2208	Version 1.00 +
	HSM2300	Version 1.00 +
	HSM3204CX	Version 1.00 +
	HSM3350	Version 1.01 +
Communicators	3G/LE/LT9080	Version 5.10 +
	TL880LEAT (alarm.com)	189g
	TL880LTVZ (alarm.com)	189g
Miscellaneous	HSM2955(R)	Version 1.00+
	HS65WPS(NA)	N/A
	HSM3WIFI	N/A

Use Case

Dealer Dave won a bid to install a commercial security system in a larger manufacturing facility, with sensors installed both inside and outside of the building. As he was installing the system, the customer asked for the additional administrative building next door to be included in the project. Luckily, Dave decided to use the new PowerSeries Pro HS3248. As the panel had plenty of on-board power to support additional sensors, Dave did not have to purchase another power module. Long-range PowerG wireless devices supported the large distance between the main panel and additional building. Dave did not even need to ask his partner to help with device enrollment, because he could use the strength indicator in the detector itself. As a result, Dave was able to accommodate the customer's request with no additional costs and only minimal additional time on-site.

In one section of the manufacturing facility, there was an old hardwired security system. Dave wanted to incorporate the installed hardwired devices with the new panel. Thanks to the selectable end-of-line resistor in the wired zones in PowerSeries Pro, Dave could reuse the wired detectors in that area, lowering the installation time and the cost of the project for the customer.

Several months after the installation, the customer contacted Dave and informed him that he is re-designing his manufacturing space. He is creating a self-contained room that requires

different environmental conditions from the main manufacturing floor. Dave was able to bring the same security into this space easily because the HS3248 panel offers the flexibility of up to 32 partitions and 32 keypads. Adding a PG9309 – a Commercial Magnetic contact - made sense too, since it offers temperature monitoring in addition to its primary contact functionality so that the customer did not require an additional temperature sensor for that space.

Availability

- Now available to order in NA
- Certifications: UL/ULC/FCC

Contact Information	
Order Entry	1-888-888-7838
Sales	Contact your local sales rep. or email info@dsc.com
Technical Support	North America: +1-800-387-3630 or email: intrusion-support@tycoint.com
Product Manager	Paolo Concetti paolo.concetti@jci.com



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