DSC POWERSERIES™ CONTROL PANELS

Powering change

DSC®

100+ New Features—Exceptional Value!

Achieving a balance between reliable security and refined functionality, next-generation POWERSERIES products are sure to electrify the industry by providing unprecedented levels of convenience, comfort and control.

Among the new products comprising the updated POWERSERIES product platform are three new control panels. Each control panel shares a universal hardware/software design that ensures an equal and rich feature set and easy future expandability.

With near limitless capabilities, the control panels seamlessly integrate with our award-winning Internet and network alarm communicators (T-Link), industry-leading visual alarm verification module (VVM110), SKYROUTE wireless alarm communicator and other specialty modules, wireless devices and structured cabling solutions.

If you're already familiar with POWERSERIES, the new platform will be an easy transition for you. Despite the addition of a number of value-added features, traditional programming remains unchanged, as does the installation process.

Features New to the POWERSERIES Platform:

▶ 500-event buffer
▶ Single architectural design for universal feature set
▶ Full module compatibility across POWERSERIES platform
▶ Retains backward compatibility with all POWERSERIES modules
▶ Hardware/Software architecture easily accommodates future expandability
▶ Programmable daylight savings time
▶ Night zone
▶ Time function key

Features Now Standard Throughout the POWERSERIES Platform:

▶ SIA CP-01 compliant
▶ Partitionable auto-arm timer
▶ Zone follower output
▶ No activity arming
▶ Automatic Contact ID
▶ Day zone
▶ PGM output timer
▶ Cross zoning

SIA CP-01 Compliant!

POWERSERIES Feature Comparison Chart

	Region	Power632	PC1616	Power832	PC1832	Power864	PC1864
500 Event Buffer	Global	No	Yes	No	Yes	No	Yes
CP-01 Compliant	USA	No	Yes	No	Yes	Yes	Yes
Conventional Power Programming Retained	Global	N/A	Yes	N/A	Yes	N/A	Yes
Retains Backward Compatibility with Current Modules	Global	N/A	Yes	N/A	Yes	No	Yes
1.7A Switch Mode Power Supply	Global	No	Yes	No	Yes	No	Yes
Programmable Daylight Savings Time	Global	No	Yes	No	Yes	No	Yes
Night Zone	Global	No	Yes	No	Yes	No	Yes
Single Architectural Design for Global Feature Set	Global	No	Yes	No	Yes	No	Yes
Automatic Contact ID	Global	Yes	Yes	No	Yes	Yes	Yes
Partitionable Auto-Arm Timer	Global	No	Yes	No	Yes	Yes	Yes
T-Link Support	Global	No	Yes	No	Yes	Yes	Yes
SKYROUTE Support	Global	No	Yes	No	Yes	Yes	Yes
RoHS Compliant	Global	Yes	Yes	Yes	Yes	Yes	Yes
Revised Installation Manual for Easier & Faster Installations	Global	No	Yes	No	Yes	No	Yes
Time Function Key	Global	No	Yes	No	Yes	No	Yes
Version Identifcation	Global	No	Yes	No	Yes	No	Yes
Open After Alarm (Abort Code) Output	EU	No	Yes	No	Yes	No	Yes
User Walk Test	EU	No	Yes	No	Yes	No	Yes
User Enable Installer's Access	EU	No	Yes	No	Yes	No	Yes
Defaulting Master Code Option	EU	No	Yes	No	Yes	No	Yes
Customer Retained Defaults	Global	No	Yes	No	Yes	No	Yes
Full Module Compatibility Across Platform	Global	No	Yes	No	Yes	No	Yes
New Software/Hardware Architecture for Future Growth	Global	No	Yes	No	Yes	No	Yes
Battery Power-Up Option	Global	Yes	Yes	Yes	Yes	Yes	Yes
Robust Anti-Takeover Architecture	Global	No	Yes	No	Yes	No	Yes
RF Delinquency Option	Global	No	Yes	No	Yes	No	Yes
Option to Prohibit Away to Stay Arming	Global	No	Yes	No	Yes	No	Yes
Audible Exit Delay for Stay Arming Option	Global	No	Yes	No	Yes	No	Yes
Key Beeps/Bell Option	Global	No	Yes	No	Yes	No	Yes
200 Baud Open/Close Identifier Toggle Option	Global	No	Yes	No	Yes	No	Yes
Test Transmission While Armed Only Option	Global	No	Yes	No	Yes	No	Yes
Test Transmission Counter in Hours/Day Option	Global	No	Yes	No	Yes	No	Yes
Audible Wireless Zone Fault While Armed Option	EU	No	Yes	No	Yes	No	Yes
Latching Troubles Option	EU	No	Yes	No	Yes	No	Yes
1st Zone in Alarm Option	EU	No	Yes	No	Yes	No	Yes
KEYBUS Fault Sounds Bell Option	EU	No	Yes	No	Yes	No	Yes
Arming Inhibit for All Troubles Option	EU	No	Yes	No	Yes	No	Yes
Access Code Required for *1, *2, *3 Option	EU	No	Yes	No	Yes	No	Yes
Keypad Blanking while Armed Option	EU	No	Yes	No	Yes	No	Yes
Master Code Bypasses Holdup Zones Only Option	EU	No	Yes	No	Yes	No	Yes
Time Limit Enabled for PGM 05, 06, 17 & 18 Option	EU	No	Yes	No	Yes	No	Yes
Open Zones Cancel Arming Option	EU	No	Yes	No	Yes	No	Yes
Private Line Communications Format Supported	Global	No	Yes	No	Yes	No	Yes
Scantronics 4-8-1 Fast Slot Communications Format Supported	Global	No	Yes	No	Yes	No	Yes
Robofon Communications Format Supported	Global	No	Yes	No	Yes	No	Yes
CESA 200 Communications Format Supported	Global	No	Yes	No	Yes	No	Yes
SIA Comms Priority	Global	No	Yes	No	Yes	No	Yes
Updated SIA and Contact ID Comms Table (Industry Standards)	Global	No	Yes	No	Yes	No	Yes
Default Changes to Reduce Comms Traffic	Global	No	Yes	No	Yes	No	Yes
Programmable Settle Delay Timer	EU	No	Yes	No	Yes	No	Yes
Programmable Bell Delay Timer	EU	No	Yes	No	Yes	No	Yes
EN50131-1/3 Grade 2 Compliant to 2004 Standards	EU	No	Yes	No	Yes	No	Yes
DD243 Grade 2 Compliant	UK	No	Yes	No	Yes	No	Yes
6 Digit Downloading Access Code Identifier	Global	No	Yes	No	Yes	No	Yes
6 Digit DLS Panel Identifier Code	Global	No	Yes	No	Yes	No	Yes
Trouble Menu Acknowledgement	EU	No	Yes	No	Yes	No	Yes
Master Code Removed from Installers	EU	No	Yes	No	Yes	No	Yes
TLM Trouble Cancels Bell Delay Option	EU	No	Yes	No	Yes	No	Yes
Violated Zone at End of Exit Delay Cancels Arming Option	EU	No	Yes	No	Yes	No	Yes
Day Zone	Global	No	Yes	No	Yes	Yes	Yes
Fast Zone Loop Response for Onboard Zones	Global	Yes	Yes	No	Yes	Yes	Yes
Six Digit System Account Code (via SIA)	Global	Yes	Yes	No	Yes	Yes	Yes
No Activity Arming	Global	No	Yes	No	Yes	Yes	Yes
Audible RF Jam	Global	No	Yes	No	Yes	Yes	Yes
PGM Output Timer	Global	Yes	Yes	No	Yes	Yes	Yes
Residential Dial Communication Formats	Global	Yes	Yes	No	Yes	Yes	Yes
10 BPS, 1400Hz Handshake	Global	Yes	Yes	No	Yes	Yes	Yes
10 BPS, 2300Hz, Handshake	Global	Yes	Yes	No	Yes	Yes	Yes
Alarm Comms During Walk Test	Global	No	Yes	No	Yes	Yes	Yes
Partitionable PGMs	Global	No	Yes	No	Yes	Yes	Yes
24Hr Non-Alarm Zone	Global	No	Yes	No	Yes	Yes	Yes
Bypass Recall Function Key	Global	No	Yes	No	Yes	Yes	Yes
Bypass Group Recall Function Key	Global	No	Yes	No	Yes	Yes	Yes
Delayed Fire & Burglary Output	Global	No	Yes	No	Yes	Yes	Yes
WKEY Does Not Use Access Codes	Global	Yes	Yes	No	Yes	Yes	Yes
Double Hit	Global	No	Yes	No	Yes	Yes	Yes
Late to Close	Global	No	Yes	No	Yes	Yes	Yes
Auto-Arm Postpone Timer	Global	No	Yes	No	Yes	Yes	Yes
Cross Zone/Police Code/Burg Verified Timer	Global	No	Yes	No	Yes	Yes	Yes
Local Mode	Global	No	Yes	No	Yes	Yes	Yes
Bypass Recall & Clear Bypasses & Bypass Groups	Global	No	Yes	No	Yes	Yes	Yes
Auto-Arm Schedule in Installer's	Global	No	Yes	No	Yes	Yes	Yes
RF Jam Log After 5 Minutes	Global	No	Yes	No	Yes	Yes	Yes
Test Transmission Exception	Global	No	Yes	No	Yes	Yes	Yes
Keypad Buzzer Follows Bell	Global	No	Yes	No	Yes	Yes	Yes
Cross Zoning	Global	No	Yes	No	Yes	Yes	Yes
Exit Delay Restart	Global	No	Yes	No	Yes	Yes	Yes
Auto Arming Pre-Alert Timer	Global	No	Yes	No	Yes	Yes	Yes
System AC Failure Communication Delay in Hrs	Global	No	Yes	No	Yes	Yes	Yes
One Time Use Code	Global	No	Yes	No	Yes	No	Yes
Partition Status Alarm Memory Output	Global	No	Yes	No	Yes	No	Yes
Zone Follower Output	Global	No	Yes	No	Yes	No	Yes
24Hr Bell/Buzzer Zone	Global	No	Yes	No	Yes	No	Yes
Instant Stay/Away Zone	Global	No	Yes	No	Yes	No	Yes
Zone Activity Logger	Global	No	Yes	No	Yes	No	Yes
Trouble Beeps Control	Global	No	Yes	No	Yes	No	Yes
2-Way Audio Control	Global	No	Yes	No	Yes	No	Yes

POWERSERIES Features

Features	PC1616	PC1832	PC1864
On-board Zones	6	8	8
Hardwired Zones	16 (1 x PC5108)	32 (3 x PC5108)	64 (7 x PC5108)
Wireless Zones	16	32	32
Keypad Zone Support	Yes	Yes	Yes
On-board PGM Outputs	PGM 1 = 50 mA PGM 2 = 300 mA	PGM 1 = 50 mA PGM 2 = 300 mA	PGM 1, 3, 4 = 50 mA PGM 2 = 300 mA
PGM Expansion	8 x 50 mA (PC5208) 4 x 500 mA (PC5204)	8 x 50 mA (PC5208) 4 x 500 mA (PC5204)	8 x 50 mA (PC5208) 4 x 500 mA (PC5204)
Keypads	8	8	8
Partitions	2	4	8
User Codes	32+ Master Codes	32+ Master Codes	32+ Master Codes
Event Buffer	500 Events	500 Events	500 Events
Battery Required	4 Ah / 7 Ah / 14 AHr	4 Ah / 7 Ah / 14 AHr	4 Ah / 7 Ah / 14 AHr
Bell Ouput	12 V / 700 mA (cont)	12 V / 700 mA (cont)	12 V / 700 mA (cont)

CP-01 Compliant

All POWERSERIES control panels are compliant with the Security Industry Association (SIA) CP-01 standard. As more and more cities begin to incorporate this standard into their alarm ordinances for new installations, the occurrence of invalid alarm activations will be significantly reduced or eliminated.

Compatibility

POWERSERIES control panels are fully compatible, and backward compatible, with all available keypads and modules across the platform.

Specifications

Power Supply . . . . 16.5 V_{AC}/40 VA @ 60 Hz

Current Draw (Panel) . . . . 110 mA (Nominal)

Auxiliary + Output . . . . 11.1 – 12.6 V_{DC}/550 mA

Bell Output . . . . 11.1 – 12.6 V_{DC}/700 mA

Operating Environment . . . . 32° to 120° F (0° to 49° C)

Relative Humidity 93%

Ordering Information:

PC1864 . . . . POWERSERIES 8-64 Zone Control Panel
PC1832 . . . . POWERSERIES 8-32 Zone Control Panel
PC1616 . . . . POWERSERIES 6-16 Zone Control Panel

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