



A Tyco International Company

PowerSeries Control Panels v4.5



Features That Make a Difference:

- CO detector support: wireless (WS4913) or hardwired (generic)
- Updated PowerSeries Keypads (PK and RFK models) support CO detectors
- Updated PowerSeries Wireless Receiver (RF5132) supports wireless CO detectors
- Alternate communicator call routing via GPRS and IP
- Automatic Contact ID over GPRS
- Automatic Sync for alternate communicators

Standard PowerSeries Features:

- Template programming
- Local and remote downloading
- Programmable Daylight Savings Time
- Automatic CID
- 2-way audio
- 1 time use code
- Keypad lockout
- Programmable false alarm reduction features including audible exit delay and fault, quick exit, automatic arm/disarm, programmable bell delay timer, etc

PowerSeries v4.5 Control Panels: Feature-Rich with Proven Performance

PowerSeries Control Panels have a proven reputation for providing the value and dependability that security professionals demand. The modular design of the PowerSeries v4.5 Control Panels provides even more value-added features including support for CO detectors, an automatic synching feature to reduce install time and the flexibility of different alarm reporting paths.

Front-Line Protection Against The Silent Threat Of Carbon Monoxide Poisoning

Colorless, tasteless, odorless but deadly, carbon monoxide (CO) is impossible to detect without a warning device. With the PowerSeries v4.5 Control Panel, either wireless or hardwired CO detectors can be easily integrated into the security system. Installers have the option of using the DSC wireless CO detector (WS4913) - the perfect solution for difficult-to-wire locations, with its compact design, battery power and wireless capability - or the hardwired CO detector.

Flexible, Alternate Alarm Communication Methods

Traditional phone lines are becoming increasingly less common in many homes and businesses as more people opt for VoIP (Voice over IP) or cellular phones. The PowerSeries v4.5 Control Panel gives customers the option to combine alarm reporting paths through

Public Switched Telephone Network (PSTN), Internet or GPRS/GSM channels. Having Internet with GSM/GPRS as back-up provides complete security with the additional benefit of increased recurring monthly revenue (RMR) for dealers.

Reduce Installation Time with Easy to Program PC-Link

The new Automatic Sync feature enables T-Link or GS Communicators to communicate automatically using the format and account number predefined in the panel programming, reducing the risk of programming errors and on-site install time. Combined with template programming and end-of-line configuration, quicker more accurate installations means more installations per day with more revenue.



panels, keypads & modules

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www.dsc.com | 1-888-888-7838

Make PowerSeries v4.5 Control Panel your preferred choice. Available in three different configurations (PC1616/PC1832/PC1864), the PowerSeries v4.5 Control Panel has the scalability, versatility and flexibility to work in small residential to medium-sized commercial installations.

Compatibility:

- User Interfaces include LED, Picture Icon LCD or Full Message LCD
- Wireless Receivers, Devices and Detectors, including CO Detectors
- Audio Alarm Verification
- Telephone Interface/Automation Control
- High & Low Current Output Expansion
- Alternate Communication Options
- Hardwired Expansion and Detectors
- Addressable Expansion and Detectors
- Windows™ Software for PC Downloading
- Access Control Integration

Specifications

Power Supply	16.5 VAC/40 VA @ 50/60 Hz
Current Draw (Panel)	110 mA (Nominal)
Auxiliary & Output	13.75 ± 5% VDC /700 mA
Bell Output	13.75 ± 5% VDC /700 mA
Operating Environment	32° to 120° F (0° to 49° C)
Relative Humidity	93% (Max.)
Battery Requirement	4 Ah/ 7Ah / 14 AHr

Individual Specification by PowerSeries v4.5 Type

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	32	32	32
Keypad Zone Support	Yes	Yes	Yes
Keypads	8	8	8
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)
Partitions	2	4	8
User Codes	47+ Master Codes	71+ Master Codes	94+ Master Codes
Event Buffer	500 Events	500 Events	500 Events



From Tyco Security Products

Digital PIR Detector with Pet Immunity LC-100-PI

Features That Make a Difference:

- Form 'A' alarm contact and tamper switch
- Digital signal analysis
- Slim profile design
- Features ABS plastic for shock and impact protection
- Exceptional white light immunity
- Pet immunity up to 55 lbs (25 kg)
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Advanced ASIC-based electronics Compact design for residential installations
- Adjustable variable pulse count
- PIR sensitivity adjustment
- Height installation calibration free
- Available in packages of 6 (LC-100-PI-6PK)



Whether it's a residential or commercial installation, the LC series of detection devices readies a security system for the unexpected by providing protection for every room, corner and corridor.

The LC-100-PI effectively blends performance with competitive pricing. The detector features intelligent signal analysis for reliable detection, pet immunity up to 55 lbs (25 kg) and a slim design that complements any décor.



sensors and accessories

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Reliable Protection

Advanced ASIC-based processing provides both superior detection and false alarm rejection to help keep people and possessions secure. Quad Linear Imaging Technology provides sharp analysis of body dimensions and differentiation from backgrounds and pets.

Digital Signal Processing

Effective motion detection is dependent on a sensor's ability to identify intruders and provide true false alarm resistance. The LC series of detection devices pinpoints intruders through digital signal processing. Digital information is more accurately analyzed using software and is not subject to signal degradation caused by amplification, noise, distortion or signal clipping.

Pet Immunity

Highly accurate sensors are able to provide quality detection while at the same time ignoring pets weighing up to 55 lbs (25 kg).

Fast and Easy Installation

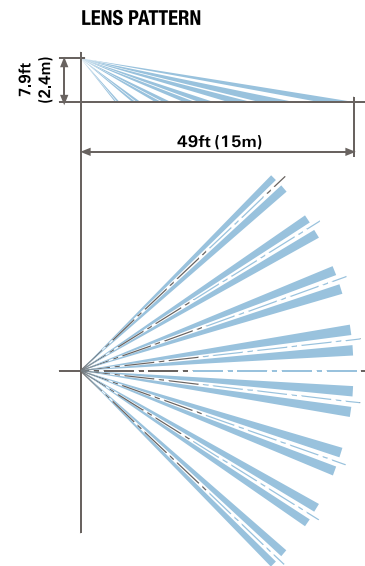
Once the detector is installed at the recommended height, installers simply conduct a brief walk-test, make any necessary adjustments, and the unit is ready to perform. Highly visible LEDs can be viewed at a glance and help the installer identify the detection range from any distance or angle within the coverage pattern.

Locating the Detector

When choosing a location for the detector, be sure to consider the following:

- Do not aim the detector at reflective surfaces
- Avoid locations that are subject to direct high air flow
- Do not locate the detector in the path of direct or reflected sunlight
- Do not place next to large obstructions that may limit the coverage area

Coverage Pattern



Detection Range Adjustment

The detection range of the motion detector is adjustable to from 16' to 49' (5 m to 15 m). A potentiometer can be adjusted clockwise or counter-clockwise to increase or decrease the range respectively. For optimum performance, range should be adjusted so that it effectively protects the dimensions of the intended area.

Specifications

Dimensions.....	3.62" x 2.46" x 1.57" (92 mm x 62.5 mm x 40 mm)
Weight.....	58 gr (2.04 oz)
Detection Method.....	Quad (Four Element) PIR
Power Input	9.6 to 16 VDC
Current Draw (Standby)	8 mA (± 5%)
Current Draw (Active)	12 mA (± 5%)
Tamper Switch: Contact Rating	0.1 Amp @ 28 VDC
RFI Protection	10 V/m plus 80% AM from 80-2000 MHz



Specifications DSCPC5003C

The DSCPC5003C is the DSC Large Metal Cabinet/Enclosure.

Dimension: 248 x 298 x 78mm

Suitable for:

- Alarm Panel:
 - PowerSeries: DSCPC1616PCBAUS, DSCPC1864PCBAUS
 - PowerSeries NEO: DSCHS2016PCBAU, DSCHS2064PCBAU, DSCHS2128PCBAU
- Input Expander:
 - PowerSeries: DSCPC5108
 - PowerSeries NEO: DSCHSM2108
- Output Expander:
 - PowerSeries: DSCPC5208
 - PowerSeries NEO: DSCHSM2208
- Power Supply Module:
 - PowerSeries: DSCPC5200, DSCPC5204
 - PowerSeries NEO: DSCHSM2204, DSCHSM2300





Specifications DSCT-1

The DSCT-1 is the DSC tamper switch for DSC Metal Cabinet/Enclosure DSCPC5002C, DSCPC5003C, DSCPC4001CW.





Specifications DSCTB-1

The DSCTB-1 is the DSC tamper bracket for DSC Metal Cabinet/Enclosure DSCPC5002C, DSCPC5003C.

DSCTB-1 tamper bracket suitable to use with DSC Tamper Switch DSCT-1.





TM1 Telecom Interface Module

Installation Instructions

Product Description

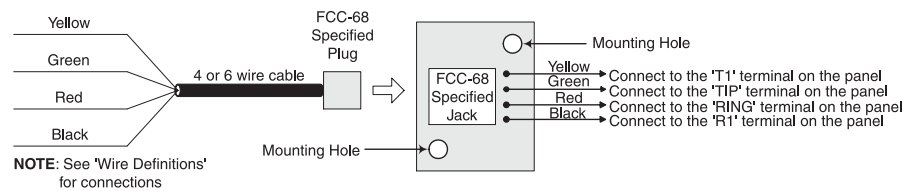
This module is used to interface the telecom network to the panel telecom circuit via an FCC-68-specified plug.

Installation

Secure the module to the inner side or bottom of the enclosure with the double-sided adhesive tape provided. Alternately, holes can be drilled in the enclosure and 1/4" plastic standoffs can be used to secure the module.

For wiring connections, see the wiring diagram below.

Wiring Diagram (Component Side)



Wiring Definitions

Green = Incoming 'TIP'
Red = Incoming 'RING'
From the telecom network

Yellow = Outgoing 'TIP'
Black = Outgoing 'RING'
To the remaining telecom equipment at the site

WARNING: Please refer to the System *Installation Manual* for information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer.

ENGLISH: Tech Line: US & Canada: 1-800-387-3630
FRENCH: Centre d'aide technique: US & Canada: 1-877-285-6655
SPANISH: Líneas Tech: US & Canada: 1-800-387-3630
Mexico: 1-800-514-1248 Puerto Rico: 1-877-651-1249



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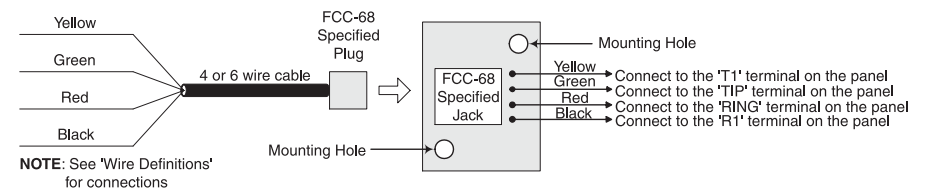
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