

DSC[®] Power864[™]

Expandable Hybrid Security System

System Overview

8 Partitions

- Bell programmable by partition (via PGM outputs)
- Individual partition account codes
- Individual partition reporting codes

64 Zones

- 8 on-board zones
- Expandable to 64 hardwired, 32 wireless, 32 addressable, 8 keypad zones
- All zones programmable for burglary or fire

Remote and Central Station Commercial Fire Monitoring

Up to 8 Fully Supervised Keypads

38 Access Codes

- 32 user codes one master, two duress, two supervisor and one maintenance

14 PGM outputs

- 4 PGM outputs on-board
- Expandable to 14

Multiple Wireless Receiver Support (requires PC5320)

- Up to four receivers
- Up to 32 wireless zones

Additional Auxiliary Power Available

- Support for up to four 1 Amp power supply modules

256-Event Buffer

- All events automatically stored with time and date stamp
- Viewable through keypad, printer, or downloading software

15-Station Intercom/2-Way Talk & Listen-In Module

- All paging, door bell, telephone answer
- Central station 2-way talk/listen-in

Power Supply

- 550mA @12.5VDC auxiliary power supply
- PTC-protected battery, auxiliary, and bell output
- Supervision of AC power loss, low battery, and auxiliary power failure

Networkable

- Communicate and perform all DLS functions via TCP/IP

Telephone Interface and Automation

- Turns tone telephone (local or anywhere in the world) into a system keypad
- Supports 32 X-10 or CEBus[®] power-line devices
- Support for up to 4 thermostats for HVAC control
- Real-time scheduling and mode control



Improved End-user Zone Bypassing Options

- Programmable bypass groups, programmable by partition
- Last bypass group recall

Automatic Arming by Partition

- Separate auto-arm times per partition
- Separate auto-arm times for each day of the week
- No-activity arming option

Alarm Output

- Supervised bell output – 700 mA @12VDC, PTC-protected
- Steady, pulsed or temporal bell pattern

Flexible Zone Programming

- All zones programmable as burglary or fire
- NC, EOL, DEOL option
- Fast loop response option for all on-board zones

SIA False Alarm Reduction features

- Cross zoning
- Exit delay restart
- Exit error
- Duplicate code notification
- Double hit timer
- Swinger shutdown

Video Alarm Verification and Switching

- Up to 8 cameras
- CCTV video switcher

Digital Communicator

- Supports all major formats including SIA and Contact ID (automatic)
- Supports LINKS, and Skyroute communications
- 3 phone numbers
- Pager format
- Anti-jam feature
- DTMF or pulse dialing

EEPROM Memory

- Will not lose programming in the event of is a complete loss of power (AC and battery)

Specifications

- Transformer requirements
 - 16.5VAC, 40VA
- Battery requirements
 - 12V, 4Ah minimum rechargeable sealed lead acid
- Current draw: 65mA

Local PC-Link[™] and Remote Windows Downloading Software

* CEBus is a trademark of CEBus Industry Council Inc. (CIC)



LCD5500Z Programmable Message LCD Keypad

- Large 32-character programmable alphanumeric display provides plain language... zone identification, system status, trouble conditions, system instructions, 256-event buffer
- 12 or 24 hour clock display
- Zone input connects detector directly to keypad to avoid separate wiring back to control panel
- 5 one-touch function keys with many programmable options... Stay arm, Away arm, Quick Exit, etc.
- LED status indicators... Ready, Armed, Trouble (*alarm status at a glance*)
- Fully backlit with backlighting boost to provide extra lighting when a key is pressed
- Piezo buzzer provides audible feedback for correct key entries, pre-alert, and system trouble status with adjustable buzzer tone
- Connect to 4-wire Keybus up to 1000' (305m) from the panel
- Specifications
 - Dimensions: 5.75"W x 4.5" H x 1"D (144 x 114 x 25mm)
 - Current draw: 85mA (maximum)



LCD5501Z Fixed Message LCD Keypad

LCD5501Z32 Fixed Message LCD Keypad with Integrated PC5132 Wireless Receiver

- Easy to read fixed messages provide real-time status of all panel activity
- 12 or 24 hour clock display
- Zone input connects detector to keypad to avoid separate wiring back to panel
- 5 programmable one-touch function keys with 25 options... Stay arm, Away arm, Quick Exit, etc.
- LED status indicators... Ready, Armed, Trouble (*alarm status at a glance*)
- Fully backlit... with backlighting boost to provide extra lighting when a key is pressed
- Piezo buzzer... provides audible feedback for correct key entries, pre-alert, and system trouble status... with adjustable buzzer tone
- Connect to 4-wire Keybus... up to 1000' (305m) from control panel
- 4 selectable door chime options, programmable by zone
- Specifications
 - Dimensions: 5.75"W x 4.5"H x 1"D (144 x 114 x 25mm)
 - Current draw: 140mA (maximum) LCD5501Z
210mA (maximum) LCD5501Z32

LED Keypads (can only be used on partition 1&2)

PC5508Z PowerSeries™ LED Keypad

- 8-zone LED keypad
- Backlit numeric keypad
- 3 LED status indicators
- Hardwired zone input
- 5 one-touch function keys with many programmable options... Stay arm, Away arm, Quick Exit, etc.
- LED status indicators... Ready, Armed, Trouble (*alarm status at a glance*)
- Fully backlit with backlighting boost to provide extra lighting when a key is pressed
- Piezo buzzer provides audible feedback for correct key entries, pre-alert, and system trouble status with adjustable buzzer tone
- Connect to 4-wire Keybus up to 1000' (305m) from the panel
- Specifications
 - Dimensions: 5.75"W x 4.5" H x 1"D (144 x 114 x 25mm)
 - Current draw: 85mA (maximum)



Telephone Interface

Escort5580TC Interface Module

- Turns any tone telephone into a fully functional keypad with global and partition control
- Built-in interface for control of 32 CEBus or other power-line control devices
 - 16 schedules with 'on time', 'off time', and 'day of week'
 - 8 user-controlled automation modes
 - full range of dimming levels
 - event-activated control for PGM output
- An extensive library of voice prompts for security and automation operation, programming, and system status feedback
 - 250 system words for pre-programmed system functions
 - 240-word library for user-programmable voice prompts for automation items, mode, partition and zone labels
- Specifications:
 - module current draw: 130 mA (maximum)

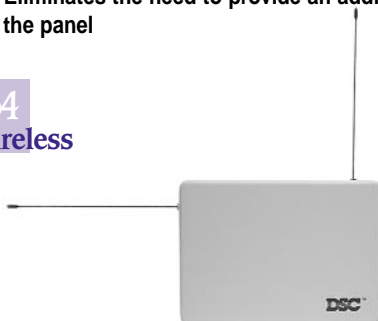


PC5108 Hardwired Zone Expander

- Used to add up to 8 additional hardwired zones per module to the Power864
- Specifications
 - auxiliary current: 100 mA (PTC-protected - fuseless design)
 - module current draw: 35 mA

Keypad Zones

- Each keypad provides 1 hardwired zone input (EOL or NC)
- Eliminates the need to provide an additional wire run back to the panel

**PC5132-433 Wireless Receiver**

- Used to add up to 32 wireless zones and 16 wireless keys to the panel
- Specifications
 - module current draw: 80 mA (maximum)
- Wireless devices supported
 - WLS904(P)-433 passive infrared detector (available with pet immunity)
 - WLS906-433 photoelectric smoke detector
 - WLS907T-433 low temperature sensor
 - WLS912-433 glassbreak detector
 - WLS914-433 passive infrared detector with pet immunity
 - WLS919-433 wireless key
 - WLS925L-433 slim-line door/window contact with external contact
 - WLS935L-433 slim-line door/window contact with external contact and wall tamper switch

PC5100 2-Wire Addressable Device Interface

- Used to connect 2-wire addressable devices to the Power864
- Up to 32 2-wire addressable devices can be added to the system
- Specifications
 - addressable loop maximum current draw: 170mA
 - module current draw: 40mA (maximum)

PC5108L CCTV/Downlook® Interface Module

- Supports Downlook® still frame video transmission
- Provides local VCR/monitor video switching for 8 cameras
- Communicates alarm followed by video over a single telephone line in one transmission to a Sur-Gard MLR2 digital receiver
- Specifications
 - module current draw: 60mA

PC5200 Power Supply Module

- The PC5200 can be used to provide up to 1.0A of additional current to the Power864 security system
- Fully supervised for tamper, low battery, AC power loss, and auxiliary power loss
- Connect up to 1000' (305m) from the control panel via Keybus
- Supports up to four PC5200 modules providing up to 4 Amps of auxiliary current
- Specifications
 - auxiliary current: 1.0A continuous rating; 3.0A short term if backup battery connected (PTC-protected - fuseless design)
 - transformer requirements: 16.5V, 40VA
 - battery requirements: 4Ah minimum
 - module current draw: 20mA

PC5204 Power Supply/High Current Output Module

- Provides 4 additional high current PGM outputs (output 1 is supervised)
- Provides up to 1.0A of additional current
- Fully supervised for tamper, low battery, AC power loss and auxiliary power loss
- Connect up to 1000' (305m) from the control panel via Keybus
- Specifications
 - auxiliary current: 1.0A continuous rating, 3.0A short term if backup battery connected (PTC-protected - fuseless design)
 - outputs: each output can sink up to 3.0A
 - transformer requirements: 16.5V, 40VA
 - battery requirements: 4Ah minimum
 - module current draw: 20mA

PC5208 Low Current Output Module

- Add up to 8 low current programmable outputs to the Power864 security system
- Specifications
 - auxiliary current: 250 mA (PTC-protected - fuseless design)
 - outputs: each output can sink up to 50 mA
 - module current draw: 20 mA

PC5320 Multiple Wireless Receiver Module

- Up to... 4 wireless receivers can be installed on the system via this module, greatly reducing the possibility of missing transmissions, and significantly increasing the coverage area for wireless products
- Specifications
 - module current draw: 55mA (maximum)

PC5400 Serial Printer Interface Module

- Provides RS-232 serial printer connection for reporting events logged to the system event buffer such as events, partition, time and date that the event occurred
- Supports any 300, 1200, 2400, or 4800 Baud serial printer
- Module current draw: 65mA @ 12VDC

PC5400DV DVACS* Module

- Both PC5400 and PC5400DV can be used on a system simultaneously
- Provides ULC Level 3 security
- Provides full DVACS reporting of all system events
- Full cross supervision between the system control panel and the DVACS module
- Complete with 8-pin jack, and communications and power cables for connection to F1/F2 subset
- Module current draw: 65mA

PC5700 Dual Line Dialer Module

- Dual supervised telephone lines
- Two Class A supervisory waterflow zones
- Ground fault detection
- 4 general purpose zones
- Module current draw: 35mA

T-Link Transmitter**Features**

- Allows the Power864 to maintain its telephone connection for backup or DLS-3 connection
- Compatible with DLS-3 for remote high speed downloading
- Full-time connection to the central station for immediate indication of tampering
- Full reporting of all events, selectable reporting on control panel
- Quick and easy connection (uses the PC-Link™ header) to the Power864
- Module current draw: 150mA

Communication Method

- Uses the TCP/IP protocol to transmit information quickly to the central station
- Compatible with 10BaseT networks

Battery Charger**PS5350 Battery Charger**

- Automatic shutdown to prevent deep battery discharge
- Self-resetting solid state over-current protection devices eliminate the need for replacement fuses
- Battery charging rate: 1.8A
- Specifications
 - Transformer supplied: 16.5VAC, 80VA
 - Output 12VDC, 1.8A

PC5936 Expandable Audio Interface Module

- Supports up to 7 audio stations, (intercom, door station, or two-way listen-in stations)
- Module current draw: 100mA (maximum)

PC5937 Expansion Card

- Allows 8 additional audio stations to be connected to the PC5936
- Module current draw: 5mA

**PC5921 Internal Intercom Station**

- Intercom functions, page/answer, do not disturb, door strike release, telephone answer, room monitor
- Answer telephone calls received on regular telephone line
 - ringing programmable by station
 - supports call waiting
 - allows call transfer to in-house phones
- Programmable as sounder for fire/burglar alarms
- Audio user help provides plain language prompts for system programming, operation, and system status reports when installed with Escort5580 voice prompt module
- Current draw: 50mA (maximum)

PC5921 Exterior Door Station

- PC5921EXT... weather-resistant door bell with intercom capability
- PC5921EXT/R... weather-resistant door bell with intercom capability and relay output (to activate existing door bells)
- Current Draw: 50mA (maximum)

PC5904 2-way Audio Station

- Programmable control tones (from central station)
- Select zone, listen/talk, extend on-line time, hang-up
- Large speaker for greater area coverage
- Current Draw: 175mA (maximum)

Agency Approvals**United States**

- UL365 Police Station Connected Burglary Alarm Units & Systems
- UL609 Local Burglary Alarm Units and Systems
- UL864 UL Central and Remote Station Commercial Fire Monitoring
- UL985 Household Fire Warning System Units
- UL1023 Household Burglary Alarm System Units
- UL1610 Central Station Burglary Alarm Units
- UL1635 Digital Alarm Communicator System Units
- UL1637 Home Health Care

Canada

- ULC Commercial and Residential Fire/Burglary Alarm
- ORD-C1023-1974 Household Burglary Alarm System Units
- CAN/ULC-S303-1991 Local Burglary Alarm Units and Systems
- ORD-C693-1994 Central Station Fire Protective Signaling Systems and Services
- CAN/ULC-S527-1987 (R1995) Control Units