

# DSC<sup>®</sup> MAXSYS M6000™ Security System



## 2.2 Amp Power Supplies

- Both 6010 and 6204 have a 2.2A power supply
- PC6010 can provide up to 1.7A of Aux. output current
- PC6204 can provide up to 1.5A of Aux. output current
- Both PC6010 and PC6204 support up to 1.4A of battery charging current

## Up to 64 LCD keypads... with new E-Z Prompt user flow

- 2 hardwired LCD keypads
  - LCD6501 alphanumeric LCD keypad
  - LCD6501T alphanumeric LCD keypad with tamper

## 210 PGM Outputs

- Up to 66 high current outputs...2 on main panel *plus* :  
PC6204 - 4 relay power supply module...add up to 16 modules  
PC6216 - 16 low current output module...add up to 9 modules

## Up to 256 Zones

- Expandable with 30 PC6108 modules
- DEOL supervision
- 16 main board zones

## Up to 32 Partitions

- True independent partitions
- Individual bell outputs, access codes, entry exit timers, zone, etc.

## Up to 32 Alarm Groups

- Group any system zones for "Specific alarm reporting/signaling."
- Program alarm groups to cross partitions
- Alarm groups can free up partitions for complex applications

## Access Control

- Up to 32 access-controlled doors using up to 16 PC6820 modules

## Efficient Installation

- Up to 4 runs of 1000 feet (305m), can be T-tapped and are supervised for low voltage and module communication.

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## PC6010 Main Control Panel

- 2.2A power supply
- 32 true partitions...separate or shared from other partitions. User access from any keypad, dependent on partition assignment
- 16 main board zones expandable to 256
- Zone types include:
 

- standard delay	- momentary arm
- force arm delay	- maintained arm
- auxiliary delay	- 24hr holdup
- instant	- auxiliary
- interior	- 24hr auxiliary
- 24hr bell	- 24hr medical
- 24hr bell/buzz	- seismic
- 24hr buzzer	- LINKS supervisory
- standard fire	- LINKS answer
- auto verify	
- 2 programmable outputs...each output can be programmed for 1 of 56 PGM output options
- 1 supervised programmable bell/siren output
- 1 12VDC switched programmable auxiliary power supply
- High and low battery charging current
- 4-wire connection to Ebus (communication bus)
  - for easy connection of modules
- 3-wire connection for Backbone communication bus
  - for addition of PC644X modules
- 3000 event buffer...2500 events can be viewed through the keypad, including date and time stamp
- 4 user types...Basic, Advanced, Supervisor, Master

## Advanced Communication Capabilities

- Communicates using the SIA or Contact ID formats
- Links1000/GSM1000 cellular communication
- 32 account codes
- 1000 users

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## System Expansion

The PC6010 is easily expanded by adding PC6108A modules via 4 wire communications bus (Ebus).



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### PC6108A Expansion Module

- 8 zone expansion module
- Add up to 30 modules for total of 256 zones on the system
- Supports DEOL zone loops
- Nominal current draw of 30mA
- AUX Output: 12VDC, 250mA max.
- Supervised for tamper
- Low Ebus supervision



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### PC6204 High Current Output Modules

- 2.2A power supply
- Supports high and low battery charging current (1.4A or 360mA)
- Up to 16 modules on system (up to 64 high current outputs)
- Output current: 1A, 12VDC
- Each output programmable for 1 of 56 options
- Minimum 80VA 16-18 volt transformer required
- Minimum 4Ah battery required, up to 36Ah max.
- AUX current: 680mA max. high battery charge  
1.7A max. high battery charge
- Low Ebus supervision
- 4 programmable relay contacts
- Supervised for tamper and troubles (low battery, AC trouble, etc.)
- Latching output option



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### PC6216 Low Current Output Module

- 16 outputs per module – 9 modules per system
- All 16 outputs can be programmed on each module, 1 of 56 options each
- Nominal current draw of 15mA plus power required by outputs
- Output current: 50mA, 12VDC
- Low Ebus supervision
- Supervised for tamper
- Latching output option

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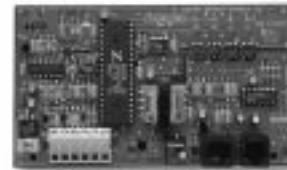
## Interface Modules



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### LCD6501/PC6501T Remote LCD Keypad

- Alphanumeric LCD display
- With new E-Z Prompt user flow, prompts user with simple questions
- Built-in piezo buzzer
- Full annunciation of zones and system status
- Up to 16 keypads on system
- Maximum current draw of 55mA (from Ebus)  
90mA with backlighting boost
- Dimensions : 5.5" x 4.5" x 1" deep (150 x 114 x 25mm)



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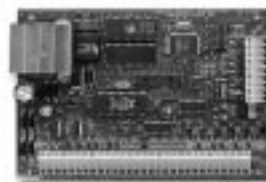
### PC6400 Serial Printer Interface Module

- Baud rate – 4800
- RS-232 protocol
- Connects to panel via 4-wire Ebus
- Supervised for tamper and off line trouble

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### PC6442/PC6443 Interface Modules

- High speed 2 way communication port module for customized applications
- 115.5K Baud access
- 1.5Amp power supply with battery backup
- AUX current: 50mA
- Connects to panel via Backbone
- 720mA battery charging current
- 1 of each module per system



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### PC6820 Access Control Module

- 2 programmable supervised zones
- Zones may be programmed:
  - Standard
  - Force Arm Delay
  - Auxiliary Delay
- Up to 16 PC6820 modules can be added (up to 32 access points)
- Does not lose any system programming when module is powered down
- 6 low current outputs
  - 2 LED terminals (to the LED input of the reader)
  - 2 BUZ terminals (to the buzzer input of the reader)
  - 2 OUT terminals
- Auxiliary output supply: 12VDC, 125mA max.
- LK1/LK2 door strike power: 12VDC, 250mA max.
- Reader power: 5VDC, 125mA max.
- Reader power: 12VDC 125mA max.
- Battery required – 12VDC 7.0Ah recommended rechargeable lead acid
- Transformer required – 16.5VAC, 40VA
- Output Voltage – 13.8VDC (with normal AC and fully charged battery)
- 720mA battery charging current

