

# CR3000 SERIES COMPACT CASH DRAWER SPECIFICATIONS

## MECHANICAL

Weight	14.3 lbs
Dimension (in inches)	
Height	3.3
Width	15.7
Depth	16.1
Bill and Coin Tray	Adjustable slots.

## ELECTRICAL

CR3000 (Control signal from POS printer)	
Pulse amplitude	12 to 24 volts DC
Pulse width	100 to 200 milliseconds
Pulse duty cycle	10% max.
CR3001	
Power adapter input	120VAC; 220VAC optional
Power adapter output	12VAC
Power adapter current	1000ma
CR3002	
Pulse amplitude	±12 volts
Pulse width	50u sec - 6.7m sec
Pulse duty cycle	20% min

## INTERFACE

CR3000 (Printer Driven)	Connects to POS printer drive circuit via supplied cable
CR3001 (4-in-1 smart interface)	
Serial input	
Data format	RS232C
Protocol	
Baud Rate	150, 300, 600, 1200, 2400, 4800, 9600*, 19200
Parity	None*, Odd, Even
Data Bits	7, 8*
Parallel input	
Data format	Centronics interface
*Default values	
CR3002	RS232C, any protocol

## OPEN DRAWER COMMAND

CR3000	Pulse from Printer drive circuit
CR3001	
Printer	Pulse from Printer drive circuit
Dedicated RS232C	Any software transmitted data
Non-dedicated RS232C	Programmable security code (1-255 hex, preset to 07 Hex)
Parallel	Programmable security code (1-255 Hex, preset to 07 Hex)
CR3002	Any software transmitted data

## NOTES

CR3000	Logic Controls supports all POS printers. Please specify POS printer type when ordering. Cable, keys, and manual supplied.
CR3001	Power adapter, serial interface cable (to computer), keys, and manual supplied. For parallel connections user must supply cables.
CR3002	No power adapter required. Manual, keys, and serial interface cable supplied.

## CONNECTOR PINOUT INFORMATION CR3001

### P1 (DB25M) - Parallel input from computer

1	-Strobe	10	-ACK
2	Data 0	11	Busy
3	Data 1	12	Paper End
4	Data 2	13	Select
5	Data 3	14	-Auto Feed
6	Data 4	15	-Error
7	Data 5	16	-Initialize Printer
8	Data 6	17	-Select Input
9	Data 7	18-25	Ground

### P2 (DB25F) - Parallel output to printer

1	-Strobe	10	-ACK
2	Data 0	11	Busy
3	Data 1	12	Paper Feed
4	Data 2	13	Select
5	Data 3	14	-Auto Feed
6	Data 4	15	-Error
7	Data 5	16	-Initialize Printer
8	Data 6	17	-Select Input
9	Data 7	18, 21, 25	Printer detection
		19, 20, 21-24	Ground

### P3 (DB25M) - Serial input from computer

2	Receive Data	8	Data Carrier Detect
3	Transmit Data	9	Open-drawer indicator
4	Request To Send	11	Open-drawer indicator
5	Clear To Send	18	POS printer interface
6	Data Set Ready	20	Data Terminal Ready
7	Ground	25	POS printer interface

### P4 (DB9F) - Pass-thru serial port (input/output)

1	P5 pin 1	6	P5 pin 6
2	Transmit to peripheral	7	P5 pin 7
3	Receive from peripheral	8	P5 pin 8
4	P5 pin 4	9	P5 pin 9
5	Ground		

### P5 (DB9M) - Pass-thru serial port (input/output)

Same connections as P4

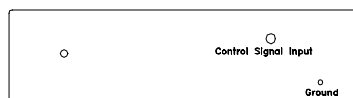
### P6 (DB9M) - Serial input from computer

1	DCD	5	Ground
2	Receive Data	6	DSR
3	Transmit Data	7	RTS
4	DTR	8	CTS

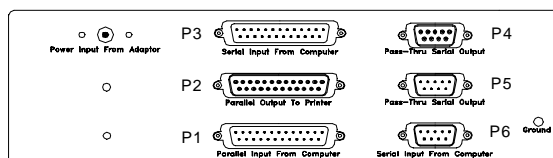
Pins 7 and 8 are tied together internally  
Pins 1, 4, and 6 are tied together internally

## BACK PANEL INFORMATION

### CR3000



### CR3001



### CR3002

