

CR3000 SERIES COMPACT CASH DRAWER SPECIFICATIONS

MECHANICAL

Weight	14.3 lbs
Dimension (in inches)	
Height x Width x Depth	3.3" x 15.7" x 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
CR3003	
Pulse amplitude	12 volts
Power Consumption	< 100mA

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
CR3002	RS232C, any protocol, bus powered
CR3003	USB Interface, bus powered

*Default values

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	User Programmable security code (1-255 hex, preset to 07 Hex)
Parallel	User Programmable security code (1-255 Hex, preset to 07 Hex)
CR3002	Any software transmitted data
CR3003	User Programmable security code (1 to 5 bytes)

NOTES

CR3000	Logic Controls supports all POS printers. Please specify POS printer type when ordering. Cable and keys supplied.
CR3001	Power adapter, serial interface cable (to computer) and keys supplied. For parallel connections user must supply cables.
CR3002	No power adapter required. Manual, keys, and serial interface cable supplied.
CR3003	No power adapter required.

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

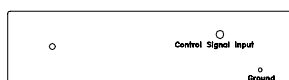
P6 (DB9M) - Serial input from computer

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

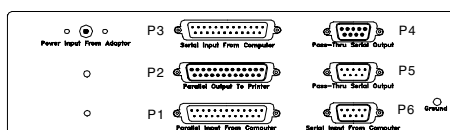
Pins 7 and 8 are tied together internally
Pins 1, 4, and 6 are tied together internally

BACK PANEL INFORMATION

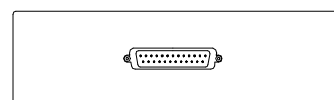
CR3000



CR3001



CR3002



CR3003



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