

PD6000 Series

Customer Pole Displays



The Market Leader

Logic Controls pole displays are widely known as the market leaders for PC-based POS systems. They have long set the standard for reliability, value and functionality – reasons why most value-added resellers ask for Logic Controls displays by name.

Proven, Time-Tested Reliability

One of the reasons why Logic Controls' pole displays are the market leaders is because of their well deserved reputation for unsurpassed reliability. The PD6000 uses special display technology and unique circuit design to achieve this reliability.

Advanced Functionality and Value

The PD6000 is a 2x20 line, 11.25mm character height display that comes with much functionality that simply is not found in other vendors' pole displays. "Smart scrolling," user-definable characters, and a built-in real-time clock are all standard features of the unit's firmware. In addition, the PD6000 comes with a wide variety of interfaces, can emulate many popular command sets, and has better visibility due to an optically matched lens and wider character pitch. Best of all, this premium pole display is also one of the most affordable on the market.

- Two-line by 20 character pole display with large 11.25mm character height
- Proven reliability
- Bright green vacuum fluorescent display
- Better visibility due to optically matched lens and wider character pitch
- Automatic message scrolling and "smart scrolling"
- Easily programmable for custom messages
- Wide choice of interfaces: USB, serial, parallel and pass-through
- User-definable characters and built-in real-time clock
- Available with emulation of many popular command sets, including OPOS/JPOS
- Adjustable viewing angles
- Available in beige and black, 120V and 220V

PD6000 SERIES CUSTOMER DISPLAYS SPECIFICATIONS

OPTICAL (FLUORESCENT DISPLAY)

Digits per Row	20
Number of Rows	2
Digit Configuration	5 x 7 Dot Matrix
Digit Height	0.44 in. (11.25mm)
Digit Width	0.28 in. (7.2mm)
Character Configuration	ASCII
Brightness	204 fl (700 cd/m2) max.
Display Color	Green
MTBF	300,000 hours

ELECTRICAL

Input Power (to adapter)	120VAC, 60Hz 220VAC, 60Hz (optional)
Output Power (from adapter)	7.5VAC, 1000mA
Connector	2 conductor female jack
Pole Connector	6-pin DIN (male)
Interface Cable	
Pole side connector	6-pin DIN (female)
Computer side connector	DB9 (female)
Power connector	2 conductor male jack

ENVIRONMENTAL

Operating Temperature	-20 to +70C
Storage Temperature	-40 to +85C
Relative Humidity	
Operating	85% max. non-condensing
Non-operating	90% max. non-condensing
Vibration (10 to 55 Hz)	4 G's
Shock	40 G's

INTERFACE

Serial	RS232C
Protocol:	
Baud Rate	600, 1200, 2400, 9600*, 19,2000
Data Bit	8
Parity	None
Stop Bits	1, 2*

RTS/CTS Control lines are tied together in the connector.
DSR/DCD/DTR Control lines are tied together in the connector

Parallel	Optional Interface
Pass-Thru	Serial, Parallel
USB	Optional Interface

* Preset at Factory

GENERAL INFORMATION

Power adapter and 6 foot cable (with DIN 6F and DB9F connectors) are supplied with product.

POLE DISPLAY EMULATION

The PD6000 series pole display is extremely versatile. It can emulate many pole display command sets and support OPOS.

MECHANICAL

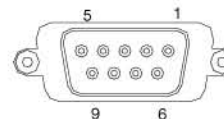
Weight	3.1 lbs.
Dimensions (in inches)	(width x height x depth)
Fluorescent Display	11.00 x 3.24 x 1.72
Rectangular Base	2.12 x 2.00 x 2.25
Base Plate	4.00 x 0.90 x 8.00
Overall Height	8 to 25 inches

CONNECTOR PINOUT

DB9 Female connector

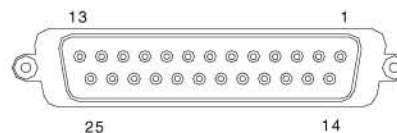
Pin #	Function
1	DCD
3	Data
4	DTR
5	Ground
6	DSR
7	RTS
8	CTS

SERIAL



DB25 Female connector

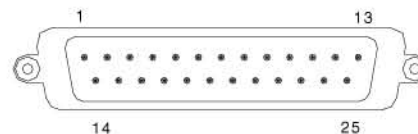
Pin #	Function
2	Data
7	Ground
4	RTS
5	CTS
6	DSR
8	DCD
20	DTR



PARALLEL

DB25 Male connector

Pin #	Function	Pin #	Function
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



ORDERING INFORMATION

