bematech

by TOTVS

Features

- Automatic message scrolling and "smart scrolling"

- Command set and firmware downloadable options

- Choice of interface; USB or serial

- Better visibility due to optically matched lens and wider character pitch

- Available with emulation of many popular command sets, including OPOS/JPOS

- Adjustable viewing angles

- Available in beige and dark gray, 120V and 220V

LDX9000

Customer Pole Display

Logic Controls dba Bematech's 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. The LDX9000 is made with special high durability plastic that is UV-resistant and prevents color fading. The LDX9000 is a 2x20 line, 9.5mm character height display that comes with much functionality. "Smart scrolling," user-definable characters, and a built-in real-time clock are all standard features of the unit's firmware.

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OPTICAL (FLUORESCENT DISPLAY)

Digits per row	20
Number of rows	2
Digit configuration	5x7 Dot Matrix
Digit Height	9.5mm
Digit Width	6.2mm
Digit Pitch	7.7mm
Character configuration	ASCII
Brightness	900 cd/m ^{2} typical
Display color	Blue -green
MTBF	300,000 hours

ELECTRICAL

Input power (to adapter)	120VAC , 60Hz
	220VAC, 50Hz (optional)
Output power (from adapter)	7.5VAC 1A
Connector	2 conductor female jack
Pole cable connector	10 -pin mini -DIN (female)
Interface cable	
Pole side connector	10 -pin mini -DIN (male)
Computer side connector	USB: Type A
	Serial: DB9 (female)
	Pass -thru: DB925 (male)
Power connector	2 conductor male jack

ENVIRONMENTAL

Operating temperature	0°C to 50°C
Relative humidity	85% max, non -condensing
Storage temperature	-20°C to 70°C
Relative humidity	90% max, non -condensing
Vibration (10 to 55Hz)	4G's
Shock	40G's

INTERFACE

USB	USB 2.0 standard
Serial	RS232
Baud rates	2400/4800/9600 */19200
Protocol	8 data bits, no parity, 1 stop bit

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

WiFi	IEEE 802.11 b/g/n
Bluetooth	Bluetooth 2.1

*default factory setting

MECHANICAL

Weight	2.7lbs (1.23Kg)
Dimensions (inches)	(width x height x depth)
Fluorescent display	8.50 x 3.37 x 1.75
Rectangular base	2.12 x 2.00 x 2.25
Base plate	4.0 x 0. 09 x 8.0
Overall height (typical)	24 in

CONNECTOR PINOUT

USB Type -A connector

Pin #	Function
1	V+
2	D-
3	D+
4	Ground

Serial DB9 female connector

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

Serial pass -thru DB25 female connector

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

ORDERING INFORMATION

LDX9000	Serial
LDX9000 -PT	Serial pass -through
LDX9000UP	USB (port -powered)
LDX9000W	WiFi
LDX9000BT	Bluetooth
LDX9000X	Serial double sided display
LDX9000XU	USB double sided display
	(with ext. power adapter)

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FC CE