



Printing Solutions

1200 Series Dot Matrix MiniPrinters

- ◆ **Versatile**
- ◆ **Reliable**
- ◆ **Small foot print**

The 1200 Series Dot Matrix MiniPrinters can replace bulky expensive printers where 80 column capacity is unnecessary.

These small printers prove their value daily

- ◆ Working inventory control in combination with bar code scanners.
- ◆ Documenting data received from auto diagnostic equipment.
- ◆ Serving as remote message printers or peripheral equipment for scale applications.
- ◆ Documenting medical and dental procedures.
- ◆ Logging data from testing procedures in laboratories and manufacturing.
- ◆ Generating reports and/or receipts for mobile service applications.



1200 Series — Dot Matrix MiniPrinters

Features & Benefits

- Capable of printing: double width, double height, inverted print, reverse print; 144 dots per line.
Graphic character sets (1220 only)
- Inhibits interline space
- Selectable 24, 32, 40 characters per line
- 1.5K Buffer
- Standard 2^{1/4} adding machine, single ply paper

Specifications

1220 / 1250: RS232C; -9 volts to +9 volts

1221 / 1251: Parallel; 0 volts to +5 volts

1222 / 1252: TTL Serial; 0 volts to +5 volts

1223: 20 mA current loop

1224 / 1254: RS-485; 200mV differential

Interface information, available BAUD rates:

300, 600, 1200, 2400, 4800, 9600, 19200

Character format:

ASCII character set— 10 bits per character required, 7 or 8 of which are data bits

Bit mapped graphics - 10 bits per character required, 8 of which are data bits

Protocol: Busy signal-Clear to Send (CTS), XON-XOFF

Buffer capacity:

The printer stores 1500 characters while printing to free up the host or sending device. 8K buffer option stores 9500 characters. Full column width character buffering is provided for line character buffer. When data exceeds the line capacity, it automatically wraps around.

Print method: Impact dot matrix

Character matrix: 1220 — 5 x 5, 5 x 8

1250 — 5 x 5, 5 x 7, 5 x 8

Character spacing:

24 column: 12.8 characters/inch
32 column: 17 characters/inch
40 column: 21 characters/inch

Line feed spacing:

1220 — 7.6 lines per inch, character mode
9.1 lines per inch, graphic mode
1250 — 6.9 lines per inch

Print Speed:

1220 — 38 lines per minute (24-column)
60 lines per minute when configured for fast print (5x5 character matrix)
1250 — 130 lines /minute (24 column)
110 lines /minute (32 and 40 column)

Options

Factory configuration of standard features

- Additional 8K buffer
- Paper out sensor
- Time & Date
- DC power modification
- RS-232 cable
- Enclosure for small paper roll
- 230 VAC/50Hz operation
- Panel mount
- Optional colors
- Private labeling
- Printer battery pack (1220 series only)

Customization
We welcome inquiries
to suit your special
requirements.

Paper Size:

Large roll — 2.25"W x 2.75"D; 0.44" I.D. (standard)

Small roll — 2.25"W x 1.25"D; 0.44" I.D. (optional)

Paper Capacity:

Large roll — 12,500 lines

Small roll — 3,000 lines

Power:

1220 — 1 Watt (idle), 10 Watts (printing)

1250 — 1.5 watts (idle), 15 watts max (printing)

AC voltage:

9 VAC (120 VAC step-down converter included)

Multi-national converters optional

DC voltage:

1220 — 9-12 VDC, 100 mA idle;

1.5A average, 2.9A peak with 100% column printing

1250 — 9-12 VDC, 140 mA idle; 1 A average, 5.5A peak
with 100% column printing

External dimensions:

1220 — 4"W x 4.5"L x 2.16"H

1250 — 4.5"W x 5"L x 2.2"H

Operating temperature: 41°F - 104°F (5°C - 40°C)

Printhead life:

1220 — 500,000 lines MCBF

1250 — 1,500,000 lines MCBF

Ribbon life:

Black—200,000 characters

Purple—250,000 characters



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