



ADVANCED PRINTING SYSTEMS, LTD.

CP290MRS, CP324MRS, CP424MRS

THE ONLY THERMAL LINE PRINTER MECHANISMS WITH BUILT-IN RS232
AND CENTRONICS INTERFACES



FEATURES

- Compact, light and cost-effective
- Plug-and-play capability greatly reduces time-to-market
- Print speed up to 80 mm/s
- Prints text, graphics and barcodes
- Software programmable energy consumption
- Windows 95, 98, and NT4 drivers
- No power-up sequence required
- Sleep mode with zero power consumption

APPLICATIONS

- Portable printers and terminals
- Handheld label printer
- Medical equipment
- POS
- Kiosks
- Ticketing

PATENTED
INTEGRATED BOARD DESIGN

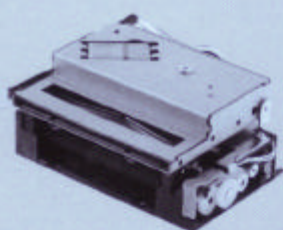
THE APS FAMILY
APS offers a complete
line of thermal printer
mechanisms as well as full
custom printing solutions.



Specifications

	CP290MRS	CP324MRS	CP424MRS
Print Method	Thermal line printing	Thermal line printing	Thermal line printing
Number of dots	432	576	864
Resolution (dots/mm)	8 dots/mm	8 dots/mm	8 dots/mm
Paper width (mm)	60 mm	80 mm	114 mm
Print speed (mm/s)	80 mm/s	65 mm/s	50 mm/s
Paper loading	Automatic	Automatic	Automatic
Character set	2 International	2 International	2 International
Character size	8 x 16 / 12 x 20	8 x 16 / 12 x 20	8 x 16 / 12 x 20
Number of columns (max.)	48-24-12 / 33-16-8	64-32-16 / 44-22-11	96-48-24 / 66-33-16
Interface	RS232C, Centronics (parallel)	RS232C, Centronics (parallel)	RS232C, Centronics (parallel)
Logic voltage (V)	5V +/- 5%	5V +/- 5%	5V +/- 5%
Head voltage (V)	18-27 V	18-27 V	18-27 V
Peak head consumption (A)	1.8 to 7 Software programmable	1.8 to 7 Software programmable	1.8 to 7 Software programmable
Dimensions (WxDxL) mm	91 x 54.5 x 20	120 x 54.5 x 20	156 x 56 x 27
Weight (g)	70g	80g	150g
Graphics	5 modes	5 modes	5 modes
Barcodes	UPC-A-E, EAN 13-8, Code 39, ITF 2/5 Codabar, Code 128 A-B-C	UPC-A-E, EAN 13-8, Code 39, ITF 2/5 Codabar, Code 128 A-B-C	UPC-A-E, EAN 13-8, Code 39, ITF 2/5 Codabar, Code 128 A-B-C
Cutter (options)	Partial and full	Partial and full	Partial and full
Other	Label/black mark detection, external paper feed, on/off line switch	Label/black mark detection, external paper feed, on/off line switch	Label/black mark detection, external paper feed, on/off line switch
Windows driver	Windows 95, 98 and NT 4.0	Windows 95, 98 and NT 4.0	Windows 95, 98 and NT 4.0

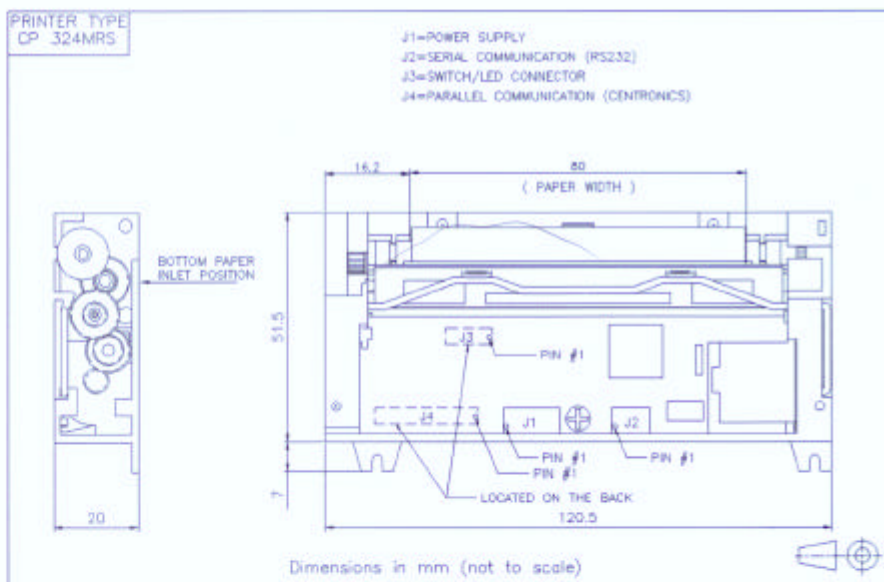
OPTIONS



Cutter



Chipset



Represented by:

Notes:



ADVANCED PRINTING SYSTEMS