

BP4 Desktop Printer



Standard with Ethernet, Serial, and USB 2.0 ports



Direct thermal labels only, no ribbon required



Auto switch between printer emulations (EZPL / GEPL / GZPL)

Simple, very compact, and reliable barcode printer. Perfect for visitor badges, printing retail labels and tags, hospital and recreation wrist bands, plus other small, temporary labeling applications.

- Simple and economical 4" direct thermal printer
- Small space-saving design
- Standard USB 2.0, serial port Ethernet connections
- Auto language emulations: EZPL, GEPL and GZPL

Options include: label dispenser and cutter

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Product Specifications	
Print Method	Direct Thermal
Resolution	203 dpi (8 dot/mm)
Print Speed	4 IPS (102 mm/s)
Print Width	4.25" (108 mm)
Print Length	Min. 0.16" (4mm)**; Max 68" (1727 mm)
Processor	32 bit RISC CPU
Memory	
- Flash	8 MB Flash (4 MB for user storage)
- SDRAM	16 MB
Sensor Type	Fixed Transmissive sensor, central aligned, Adjustable reflective sensor
Media	
- Types	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming
- Width	Min. 1" (25.4mm) - Max. 4.64" (118 mm)
- Thickness	Min. 0.0024" (0.06 mm) - Max. 0.008" (0.2 mm)
- Label Roll Diameter	Max. 5" (127 mm)
- Core Diameter	1" (25.4 mm), 1.5" (38.1 mm)
Printer Language	EZPL, GEPL, GZPL auto switch
Software	
- Driver	Windows 2000, XP, Vista, 8 and Windows Server 2003 & 2008
- DLL	Windows 2000, XP and Vista
Resident Fonts	
- Bitmap Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16 x 26 and OCR A & B Bitmap fonts 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable Bitmap fonts 8 times expandable in horizontal and vertical directions
- Scalable Fonts	90°, 180°, 270° rotatable
Download Fonts	
- Bitmap Fonts	90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable
- Asian Fonts	90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions
- Scalable Fonts	90°, 180°, 270° rotatable
Barcodes	
- 1-D Bar Codes	Code 39, Code 93, Ean 8 / 13 (add on 2 & 5), UPC A / E (add on 2 & 5), 1 2 of 5 & 1 2 of 5 with Shipping Bearer Bars, Codabar, Code 128 (Subset A, B, C), EAN 128, RPS 128, UCC 128, UCC / EAN-128 K-Mart, Random Weight, Post NET, ITF 14, China Postal Code, HIBC, MSI, Plessey, Telepen, FLM, and GS1 DataBar
- 2-D Bar Codes	PDF417, Datamatrix code, MaxiCode, QR code, Micro PDF417, Micro QR code and Aztec code
Code Pages	Codepage 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869 and 737 Windows 1250, 1251, 1252, 1253, 1254, 1255 and 1257 Unicode (UTF8, UTF16)
Graphics	Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software
Interfaces	USB 2.0 Serial port: RS-232 (DB-9) IEEE 802.3 10/100 Base-Tx Ethernet port (RJ-45)
Control Panel	One Tri-color LED: Power (Green, Orange and Red), Function Key: FEED
Power	Auto Switching 100-240V AC, 50-60Hz
Real Time Clock	Standard
Environment	
- Operation Temperature	41°F to 104°F (5°C to 40°C)
- Storage Temperature	-4°F to 122°F (-20°C to 50°C)
Humidity	
- Operation	30-85% non-condensing
- Storage	10-90% non-condensing
Agency Approvals	CE (EMC), FCC Class A, CB cUL and CCC
Dimensions	
- Length	8.58" (218 mm)
- Height	6.53" (166 mm)
- Width	6.61" (168 mm)
Weight	3.3lbs (1.5 Kg), excluding consumables
Product Color	Dark blue & White
Options & Accessories	Cutter Module, Label Dispenser, External Label Roll Holder for 10" (250 mm) O.D. label rolls and External Label Rewinder

* Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective owners.

** Minimum print height and maximum print speed specification compliance can be dependent on non-standard material variables such as label type, thickness, spacing, liner construction, etc. We are pleased to test non-standard materials for minimum print height and maximum print speed capability.