



BP-545D

BP-545D Series

Thermal direct label printer

5"/second speed, Serial, parallel and USB

The Best Valued direct thermal printer



1. High-Performance thermal direct

BP-545D offers standard memory of 4MB Flash, 8MB SDRAM and a slot for SDIO card that users can inexpensively expand Flash memory storage to 4GB. Furthermore BP-545D built-in 32 bit processor with a print speed up to 5"/second with 203 dpi resolutions.

2. Supports more interfaces

BP-545D supports not only serial and parallel ports, but also USB 2.0 port to meet the PnP applications. It is the cost-effective barcode label printers with USB interface. Furthermore an on-board internal Ethernet LAN interface is optional for easy integration into network system.

3. Clamshell-design and Easy Repairs

BP-545D is a user-friendly "Clamshell" design which allows the user to have easy label loading/unloading. Top of the form sensing by gap, black mark or notch is standard and completely adjustable from side to side.

4. For most of applications

BP-545D has a special design for different sized label load. Label stored inside the printer can be up to a 5" OD on a 1" core. Using an optional external media hanger, a full 8.4" OD roll of labels on a 3" core can be used.

5. Powerful programmable Language and BarTender

BP-545D delivers powerful programmable language, it supports different printer languages on board, including Zebra and Eltron. BP-545D bundled BarTender software as our standard.

Ordering Information:

BP-545D: 203 dpi thermal direct barcode printer, 5"/second speed, serial, parallel and USB

K-012A: Smart Keyboard Display Unit(KDU)



Multi-European Languages available(codepages)
Compact and powerful desktop label printer



Technical Specifications

•Printer

Printing Method: Direct Thermal
Mechanism Printed Density: 203dpi (8dots/mm)
Maximum Print Width: 108mm (4.25")
Maximum print length: 2286mm (90")
Printing Speed: 50mm, 76mm, 100mm, 127mm (2,3,4, 5 ips)

•Enclosure

Material: Double-walled Plastic
Operation Pane: LED (Error, On line), Switch (Feed)
Dimension: 200mm x 164mm x 240mm (7.9" x 6.5" x 9.4")
Label roll capacity: 127mm (5") OD
Net Weight : 1.2kgs

•Media

Media type: Continuous, die-cut, black mark, fan-fold, notch
Media wound type: Outside wound
Media width: 20~112mm (0.78"~4.4")
Media thickness: 0.06~0.19mm (2.3~7.4mil), max. 150g/m2
Media core diameter: 25.4~76.2mm (1"~3")
Label length: 10~2,286mm (0.39"~90")

•Hardware

Processor: 32-bit RISC CPU
Memory: 4MB FLASH memory, 8MB DRAM, SD card slot for memory expansion
Sensors: Gap transmissive sensor
 Moveable black mark reflective sensor
 Head open sensor
Interface: RS-232 (max. 115,200bps)
 Centronics
 USB 2.0 (full speed mode)
Power: 100-240V Universal switching power supply
Operation switch, button: One power switch & feed button
Optional: Knife cutter module, Memory expansion (8MB). Ethernet card

•Software

Application Software: Bar Code Symbolologies
Windows Driver: For Windows 95, 98, NT4.0, 2000,XP.
Software: Bar Tender

•Firmware

Font Direction: 0,90,180,270 degrees
Bar Code:
 1D bar code : Code 39, Code 93, Code 128UCC, Code 128 subset A,B,C, Codabar, Interleave 2 of 5, EAN-8,

EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China Post
2D bar code : PDF-417, Maxicode, DataMatrix, QR Code

Fonts : 8 alpha-numeric bitmap fonts
 One Monotype® Imaging CG Triumvirate Bold Condensed scalable font
Printer language: TSPL-EZ™

•Others

Reliability Head: 30 km
Environment
 Operation: 5°C ~ 40°C
 Storage: -20°C ~ 60°C
Safety: CE, FCC

•Options:

- Real time clock
- External Ethernet print server
- External label roll mount
- 3" core label roller
- Peel off module
- Full cut cutter (with cutter driver IC)
- Partial cut cutter (with cutter driver IC)
- On board internal Ethernet print server (with convert PCB)
- Internal Ethernet print server

Paper

Thermal direct paper:

29 x 10mm	2,500 pcs/roll	10 rolls/pack
29 x 25mm	1,100 pcs/roll	10 rolls/pack
40 x 20mm	1,300 pcs/roll	8 rolls/pack
58 x 35mm	800 pcs/roll	5 rolls/pack

Thermal direct paper: We offer a series of the thermal direct paper.



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Specifications are subject to change without prior notice

Contact us for details

