



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/m<sup>2</sup>

**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

Symbologies

**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

