BP-525D Series

BP-525D

2" Paper Width Thermal direct label printer
5"/second speed, Serial and USB

Most Cost-Effective High Speed Direct Thermal Printer

- Retailing Stores (POS)
- Office Automation (O/A)
- Factory Automation (F/A)
- Hospital and Health Care
- Other Related Automation

Ordering Information:

BP-525D: 203 dpi thermal direct barcode printer, 2" paper width, 5"/second speed, serial and USB port

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

1. High-Performance thermal direct

BP-525D offers standard memory of 4MB Flash, 8MB SDRAM and a slot for MicroSD card slot that users can inexpensively expand the flash memory storage maximum to 4GB. Furthermore BP-525D built with Real time clock (RTC) and built-in 32 bit processor with a print speed up to 5"/second with 203 dpi resolutions.

2. Supports more interfaces

BP-525D supports 2-in-1 interface serial and USB 2.0 port to meet the PnP applications. Furthermore an-on-board internal Ethernet LAN interface is optional for easy integration into network system. Most specially, BP-525D offers the option of graphic LCD display to have more convenient operating.

3. Clamshell-design and Easy Repairs

BP-525D 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. Furthermore, BP-525D is specially design with wall mount hole at the bottom cover for those wall-mounting needed environment.

4. For most of applications

BP-525D 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. The compact and small foot print offers flexible space-saving placement and remarkable versatility.

5. Powerful programmable Language support and BarTender

BP-525D delivers powerful programmable language codepage which supports different printer languages on board, including Zebra and Eltron. BP-525D bundled BarTender software as our standard.

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

BIRCH ®

Technical Specifications

●Printer

Printing Method: Direct Thermal Mechanism Printed
Density: 203dpi (8dots/mm)
Maximum Print Width: 54mm (2.13")
Maximum print length: 2,286mm (90")
Printing Speed: 50mm, 76mm, 100mm, 127mm (2, 3, 4, 5 ips) 50mm, 76mm, (2, 3 ips) selectable with peel off function

●Enclosure

Material: Double-walled Plastic
Operation Panel: LED (3 colors, Error, On line, Clearing data and Downloading data), Power Switch, Feed button
Dimension: 209mm x 109mm x 171mm (8.23" x 4.29" x 6.73")
Label roll capacity: 127mm (5") OD, 1" core
Others: With wall mounting hole at the bottom cover

●Media

Media type: Continuous, die-cut, black mark, fan-fold, notch, wristband
Media wound type: Outside woun
Media width: 15~60mm (0.59"~2.36")
Media thickness: 0.06~0.19mm (2.37~7.4mil), max. 150g/m2
Media core diameter: 25.4~38mm (1"~1.5")
Label length: 10~2,286mm (0.39"~90")
Peel off mode: 25.4~152.4mm (1"~6")
Cutter mode: 25.4~2,286mm (1"~90")

●Hardware

Processor: 32-bit RISC CPU
Memory: 4MB FLASH memory, 8MB SDRAM, MicroSD card slot for memory expansion up to 4GB
Sensors:
■ Gap transmissive sensor (offset 4mm from center)
■ Moveable black mark reflective sensor
■ Head open sensor
Interface: RS-232 (max. 115,200bps) and USB 2.0 (full speed mode) Optional for Internal Ethernet
Power: AC 100-240V, DC 24V 2A, external universal switching power supply
Operation switch, button: One power switch & feed button
Real time clock: Standard with RTC
Optional: Guillotine cutter for full cut or partial cut, peel off module and internal 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, RSS-14, Code 11
2D bar code : PDF-417, Maxicode, DataMatrix, QR Code, Aztec

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℃ ~ 40℃
Storage: -40℃ ~ 60℃
Safety: FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TUV/GS, CCC

●Options:

■ Internal Ethernet interface (10/100 Mbps)
■ Peel off module
■ Guillotine cutter
Full cut: Paper thickness 0.06~0.19mm, 200,000 cuts
Partial cut: paper thickness 0.06~0.12mm, 500,000 cuts; paper thickness 0.19mm, 200,000 cuts
■ Bluetooth module (serial interface)
■ Graphic type LCD display (128 x 64 pixel with back light)

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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Contact us for details