Barcode Printer

BP-745 Series

Thermal Transfer/ Direct printer
7"/second speed, 3-in-1 interface

The Smart Solution for Productivity

AIDC Software SERIES

— **Retailing Stores (POS)**
— **Office Automation (O/A)**
— **Factory Automation (F/A)**
— **Other Related Automation**

Ordering Information:

BP-745: 203 dpi, Thermal transfer/ direct printer, 7"/sec speed Serial + Parallel + USB

BP-7453: 300 dpi, Thermal transfer/ direct printer, 5"/sec speed Serial + Parallel + USB

High Performance

BP-745 offers standard memory of 4MB FLASH memory and 8MB DRAM memory. And a slot for SDIO memory card that users can inexpensively expand Flash memory storage. Furthermore BP-745 built-in 32 bit processor with a printing speeds up to 7"/second with 203 dpi resolutions.

Supports more interfaces

BP-745 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 intern Ethernet LAN interface is optional for easy integration into network system.

Clamshell-design and Easy Repairs

BP-745 is a user-friendly "Clamshell design" which allows the users 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.

For most of applications

BP-745 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.
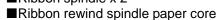
Powerful programmable Language and Bar Tender

BP-745 delivers powerful programmable language; it supports different printer languages on board, including Zebra and Elton. BP-745 bundled BarTender software as our standard.

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Technical Specifications

	BP-745	BP-7453
Resolution	203 dpi	300 dpi
Printing method	Thermal Transfer & direct Thermal	
Print speed	2, 3, 4, 5, 6, 7 ips selectable 2, 3 ips selectable with peel function	2, 3, 4, 5 ips selectable 2 ips selectable with peel function
Max. print width	108mm(4.25")	106mm (4.17")
Max. print length	2, 286mm (90")	1,016mm (40")
Enclosure	Double-wall plastic	
Physical dimension	314mm(L) x 213mm(W) x 188mm(H) 12.36"(L) x 8.39"(W) x 7.40"(H)	
Label roll capacity	127mm (5") OD	
Processor	32-bit RISC CPU	
Memory	■4MB Flash memory ■8MB DRAM ■SD card slot for memory expansion	
Interface	■RS-232 (max:115, 200bps) ■Centronics ■USB 2.0 (full speed mode)	
Power	Input: 100-240V universal switching power supply DC output: 24V 3.75A(external adaptor)	
Operation switch, button	One power switch & feed button	
Sensors	■Gap transmissive sensor ■Moveable black mark reflective sensor ■Head open sensor ■Ribbon end sensor	
Internal font	■8 alpha-numeric bitmap font ■One monotype® imaging CG Triumvirate Bold Condensed scalable font	

	BP-745	BP-7453

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	

Font & barcode rotation	0, 90, 180, 270 degrees	
Printer language	TSPL-EZ™	
Media type	Continuous, die-cut, black mart, fan-fold, notch	
Media wound type	Outside wound	
Media width	20-112mm (0.78"`4..4")	
Media thickness	0.06-0.19mm (2.3-7.4 mil) max. 150g/m^2	
Media core diameter	25.4-76.2mm (1"-3")	
Label length	10-2,286mm (0.39"`90")	10-1,1016mm (0.39"-40")
Environment condition	Operation: 5-40℃ (41-104 F), 25-85% non-condensing Storage: -40-60℃ (-40-140F), 10-90% non-condensing	
Safety regulation	CE, FCC	
Accessories	■BarTender UltraLite CD disk ■Quick start guide ■USB cable ■External universal switching power supply ■Power Cordially, Label spindle, fixing tab x 2. 15" core adapter x 2 ■Ribbon spindle x 2 ■Ribbon rewind spindle paper core	
Options	■External Ethernet printer server ■External wireless printer sever ■Internal Ethernet printer server ■Peel off module ■Full cut cutter (with motor driver IC) ■Partial cut cutter (with motor driver IC) ■Real time clock ■External label roll mount	

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Contact us for details