



Barcode Printer

# BP-745 Series

Thermal Transfer/ Direct printer

7"/second speed, 3-in-1 interface

The Smart Solution for Productivity



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

### 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.

#### 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



## Technical Specifications

	BP-745	BP-7453		BP-745	BP-7453
<b>Resolution</b>	203 dpi	300 dpi	<b>Bar code</b>	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	
<b>Printing method</b>	Thermal Transfer & direct Thermal		<b>Font &amp; barcode rotation</b>	0, 90, 180, 270 degrees	
<b>Print speed</b>	2, 3, 4, 5, 6, 7 ips selectable	2, 3, 4, 5 ips selectable	<b>Printer language</b>	TSPL-EZ™	
<b>Max. print width</b>	108mm( 4.25")	106mm (4.17")	<b>Media type</b>	Continuous, die-cut, black mart, fan-fold, notch	
<b>Max. print length</b>	2, 286mm (90")	1,016mm (40")	<b>Media wound type</b>	Outside wound	
<b>Enclosure Physical dimension</b>	Double-wall plastic 314mm(L) x 213mm(W) x 188mm(H) 12.36"(L) x 8.39"(W) x 7.40"(H)		<b>Media width</b>	20-112mm (0.78"-4.4")	
<b>Label roll capacity</b>	127mm (5") OD		<b>Media thickness</b>	0.06-0.19mm (2.3-7.4 mil) max. 150g/m <sup>2</sup>	
<b>Processor Memory</b>	32-bit RISC CPU ■4MB Flash memory ■8MB DRAM ■SD card slot for memory expansion		<b>Media core diameter</b>	25.4-76.2mm (1"-3")	
<b>Interface</b>	■RS-232 (max:115, 200bps) ■Centronics ■USB 2.0 (full speed mode)		<b>Label length</b>	10-2,286mm (0.39"-90")	10-1,016mm (0.39"-40")
<b>Power</b>	Input: 100-240V universal switching power supply DC output: 24V 3.75A( external adaptor)		<b>Environment condition</b>	Operation: 5-40°C (41-104 F), 25-85% non-condensing Storage: -40-60°C (-40-140F), 10-90% non-condensing	
<b>Operation switch, button</b>	One power switch & feed button		<b>Safety regulation</b>	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TUV/GS, CCC	
<b>Sensors</b>	■Gap transmissive sensor ■Moveable black mark reflective sensor ■Head open sensor ■Ribbon end sensor		<b>Accessories</b>	■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	
<b>Internal font</b>	■8 alpha-numeric bitmap font ■One monotype® imaging CG Triumvirate Bold Condensed scalable font		<b>Options</b>	■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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