

# TSC

The Smarter Choice.

**Pacific Barcode Inc.**



**Label Printing Solutions**

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## **TDP-225 SERIES** – Desktop Direct Thermal Bar Code Printers **OFFERS BIG FEATURES FOR SMALL AREAS**



### **KEY FEATURES**

- High quality double-walled clamshell design
- 127 mm (5") OD media capacity
- Up to 152.4 mm (6") per second print speed
- Available in 203 dpi and 300 dpi resolutions
- Easy media loading
- Head open sensor
- microSD Flash memory expansion up to 4 GB
- Serial and USB 2.0 connectivity
- Optional front LCD display, internal Ethernet, peel-off module, cutter module, Bluetooth module, and stand-alone keyboard
- ENERGY STAR® qualified
- Cerner certified

### **APPLICATIONS**

- Jewelry Tags
- Retail Point-Of-Sale
- Shelf Labeling
- Product Marking
- Healthcare Specimen Labeling
- Healthcare Patient Tracking
- Inventory & Asset Management
- Small Office or Home Office Mailing
- Shipping
- File-Folder Labeling

## TDP-225 SERIES – Desktop Direct Thermal Bar Code Printers

| PRINTER MODEL                 | TDP-225  | TDP-324                     |
|-------------------------------|--|-----------------------------|
| Resolution                    | 8 dots/mm (203 DPI)  | 12 dots/mm (300 DPI)        |
| Printing method               | Direct Thermal   |                             |
| Max. print speed              | 152.4 mm (6")/second   | 102 mm (4")/second          |
| Max. print width              | 54 mm (2.13")  | 48 mm (1.89")               |
| Max. print length             | 2,286 mm (90")   | 1,016 mm (40")              |
| Enclosure                     | Clamshell design with wall mount hole at the bottom cover  |                             |
| Physical dimension            | 109 mm (W) x 171 mm (H) x 209 mm (D)<br>4.29" (W) x 6.73" (H) x 8.23" (D)  |                             |
| Weight                        | 1.2 kg (2.65 lbs)  |                             |
| Label roll capacity           | 127 mm (5") OD   |                             |
| Processor                     | 32-bit RISC CPU  |                             |
| Memory                        | <ul style="list-style-type: none"> <li>• 4 MB Flash memory</li> <li>• 8 MB SDRAM</li> <li>• microSD card reader for Flash memory expansion, up to 4 GB</li> </ul>  |                             |
| Interface                     | <ul style="list-style-type: none"> <li>• RS-232</li> <li>• USB 2.0</li> <li>• Internal Ethernet, 10/100 Mbps (dealer option)</li> <li>• Bluetooth (user option)</li> </ul>   |                             |
| Power                         | External universal switching power supply<br><ul style="list-style-type: none"> <li>• Input: AC 100-240V, 1A, 47-63Hz</li> <li>• Output: DC 24V, 2.08A, 50W</li> </ul>   |                             |
| Operation switch, button, LED | 1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)   |                             |
| Sensors                       | <ul style="list-style-type: none"> <li>• Transmissive gap sensor</li> <li>• Black mark reflective sensor (position adjustable)</li> <li>• Head open sensor</li> </ul>  |                             |
| Real time clock               | Standard   |                             |
| Internal fonts                | <ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font</li> </ul>   |                             |
| Bar code                      | <ul style="list-style-type: none"> <li>• 1D bar code<br/>Code 39, Code 93, Code 128UCC, Code 128 subsets 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, GS1 DataBar, Code 11</li> <li>• 2D bar code<br/>PDF-417, Maxicode, DataMatrix, QR code, Aztec</li> </ul> |                             |
| Font and barcode rotation     | 0, 90, 180, 270 degree   |                             |
| Printer language              | TSPL-EZD (Compatible to EPL, ZPL, ZPL II, DPL)   |                             |
| Media type                    | Continuous, die-cut, black mark, fan-fold, notched, wristband (outside wound)  |                             |
| Media width                   | 15 ~ 60 mm (0.59" ~ 2.36")   |                             |
| Media thickness               | 0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)   |                             |
| Media core diameter           | 25.4 ~ 38 mm (1" ~ 1.5")   |                             |
| Label length                  | 10 ~ 2,286 mm (0.39" ~ 90")  | 10 ~ 1,016 mm (0.39" ~ 40") |
| Environment condition         | Operation: 5 ~ 40°C, 25 ~ 85% non-condensing<br>Storage: -40 ~ 60°C, 10~ 90% non-condensing  |                             |
| Safety regulation             | FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC, ENERGY STAR®  |                             |
| Environmental concern         | Comply with RoHS, WEEE   |                             |
| Accessories                   | <ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB cable</li> <li>• Power cord</li> <li>• External universal switching power supply</li> </ul>   |                             |
| Limited warranty              | <ul style="list-style-type: none"> <li>• Printer: 2 years</li> <li>• Print head: 25 km (1 million inches) or 12 months which comes first</li> <li>• Platen: 50 km (2 million inches) or 12 months which comes first</li> </ul>   |                             |
| Factory options               | <ul style="list-style-type: none"> <li>• 128 x 64 pixels graphic type LCD display with back light</li> </ul>   |                             |
| Dealer options                | <ul style="list-style-type: none"> <li>• Internal Ethernet interface (10/100 Mbps)</li> <li>• Peel-off module</li> <li>• Guillotine cutter (full cut and partial cut)</li> </ul>   |                             |
| User options                  | <ul style="list-style-type: none"> <li>• Bluetooth module (serial interface)</li> <li>• KP-200 Plus keyboard display unit</li> <li>• KU-007 Plus programmable smart keyboard</li> </ul>  |                             |

