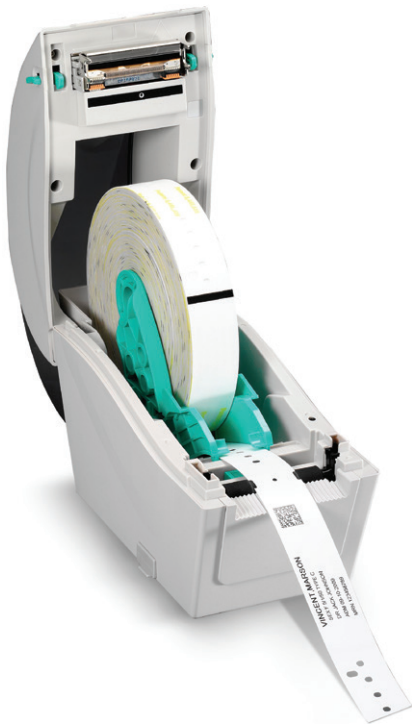




## TDP-324W SERIES – Desktop Direct Thermal Wristband Printers

# EVERY FEATURE YOU NEED FOR MEDICAL AND ENTERTAINMENT WRISTBAND PRINTING



### KEY FEATURES

- High resolution 300 dpi printer, also available in 203 dpi resolutions
- Can use any roll of wristbands from any supplier
- Save up to 50% on cost of wristbands
- Designed to hold 6.5" OD wristbands
- Front LCD display
- High quality double-walled clamshell design
- Easy media loading
- Up to 152.4 mm (6") per second print speed
- microSD Flash memory expansion up to 4 GB
- Ethernet and USB 2.0 connectivity standard
- Optional peel-off module, cutter module and down-time keyboard interface
- Can be programmed to work without a computer attached
- Cerner Certified and works in any hospital system

### APPLICATIONS

- **Healthcare**
  - Patient ID Tracking
  - Hospital Admissions
  - Hospital Nursery
- **Entertainment & Hospitality**
  - Amusement Parks
  - Water Parks
  - Event Admissions
  - Night Club Age Verification
- **Other Markets**
  - Law Enforcement
  - Crowd Control
  - Animal ID
  - Restricted Area Access

## TDP-324W SERIES – Desktop Direct Thermal Wristband Printers

| PRINTER MODEL                | TDP-225W   | TDP-324W                    |
|------------------------------|--|-----------------------------|
| 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             | 52 mm (2.05")  | 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 210 mm (H) x 260 mm (D)<br>4.29" (W) x 8.27" (H) x 10.24" (D)   |                             |
| Weight                       | 1.2 kg (2.65 lbs)  |                             |
| Label roll capacity          | 165 mm (6.5") 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>• USB 2.0</li> <li>• Internal Ethernet, 10/100 Mbps</li> <li>• USB host, for scanner or PC keyboard (factory 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>   |                             |
| LCD                          | Graphic type, 128 x 64 pixels, with back light   |                             |
| 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 ~ 52 mm (0.59" ~ 2.05")   |                             |
| Media thickness              | 0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)   |                             |
| Media core diameter          | 25.4 mm (1")   |                             |
| 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  |                             |
| 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>• USB host, for scanner or PC keyboard</li> </ul>   |                             |
| Dealer options               | <ul style="list-style-type: none"> <li>• Peel-off module</li> <li>• Guillotine cutter (full cut and partial cut)</li> </ul>  |                             |
| User options                 | N/A  |                             |



**TSC**  
The Smarter Choice.

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