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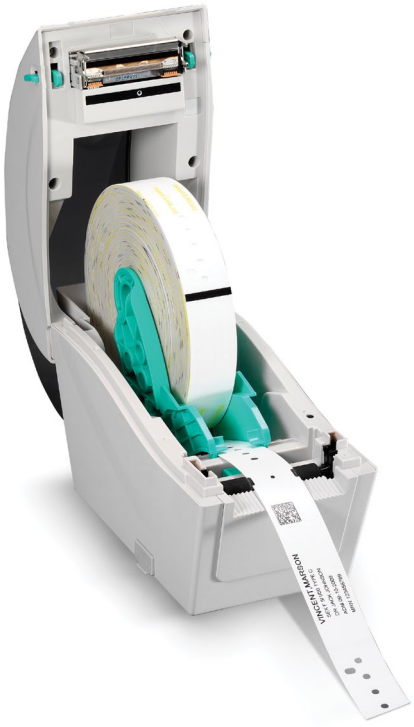
## TDP-324W SERIES – Desktop Direct Thermal Wristband Printers

# 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 127 mm (5") 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 Acess

/// www.tscprinters.com

# 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 | 127 mm (5")/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 | • 4 MB Flash memory<br>• 8 MB SDRAM<br>• microSD card reader for Flash memory expansion, up to 4 GB | |
| Interface | • USB 2.0<br>• Internal Ethernet, 10/100 Mbps<br>• USB host, for scanner or PC keyboard (factory option) | |
| Power | External universal switching power supply<br>• Input: AC 100-240V, 1A, 47-63Hz<br>• Output: DC 24V, 2.08A, 50W | |
| 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 | • Transmissive gap sensor<br>• Black mark reflective sensor (position adjustable)<br>• Head open sensor | |
| Real time clock | Standard | |
| Internal fonts | • 8 alpha-numeric bitmap fonts<br>• Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font | |
| Bar code | • 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<br>• 2D bar code<br>PDF-417, Maxicode, DataMatrix, QR code, Aztec | |
| Font and barcode rotation | 0, 90, 180, 270 degree | |
| Printer language | TSPL-EZ™ | |
| 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 | • Windows labeling software CD disk<br>• Quick start guide<br>• USB cable<br>• Power cord<br>• External universal switching power supply | |
| Limited warranty | • Printer: 2 years<br>• Print head: 25 km (1 million inches) or 12 months which comes first<br>• Platen: 50 km (2 million inches) or 12 months which comes first | |
| Factory options | • USB host, for scanner or PC keyboard | |
| Dealer options | • Peel-off module<br>• Guillotine cutter (full cut and partial cut) | |
| User options | N/A | |

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