

# TDP-225W

## DESKTOP DIRECT THERMAL WRISTBAND PRINTER



### SPECIFICATIONS

Printer	TDP-225W
Resolution	203 DPI
Printing method	Direct Thermal
Print speed	2, 3, 4, 5 ips 2, 3 ips selectable with peel function
Max. print width	52 mm (2.05")
Max. print length	2,286 mm (90")
Enclosure	Clamshell design with wall mount hole at the bottom cover
Physical dimension	260 mm (L) x 109 mm (W) x 210 mm (H) 10.24" (L) x 4.29" (W) x 8.27" (H)
Label roll capacity	6.5" OD, 1" core
Processor	32-bit RISC high performance processor
Memory	<ul style="list-style-type: none"> <li>• 4MB Flash memory</li> <li>• 8MB SDRAM</li> <li>• MicroSD card slot for memory expansion, up to 4 GB</li> </ul>
Interface	<ul style="list-style-type: none"> <li>• USB 2.0 (full speed mode)</li> <li>• Internal Ethernet (10/100 Mbps)</li> <li>• 128 x 64 pixels graphic type LCD display with back light</li> <li>• USB host, for scanner or PC keyboard (factory option)</li> </ul>
Power	External universal switching power supply <ul style="list-style-type: none"> <li>• Input: AC 100-240V</li> <li>• Output: DC 24V 2A</li> </ul>
Operation switch, button, LED	One power switch, one feed button & one LED (3 colors)
Sensors	<ul style="list-style-type: none"> <li>• Gap transmissive sensor (offset 4 mm from center)</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>• One Monotype Image® CG Triumvirate Bold Condensed scalable font</li> </ul>
Bar code	1D bar code 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, RSS-14, Code 11 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec
Font & bar code rotation	0, 90, 180, 270 degrees
Printer language	TSPL-EZ™
Media type	<ul style="list-style-type: none"> <li>• Continuous, die-cut, black mark, fan-fold, notch</li> <li>• Wristband</li> </ul>
Media wound type	Outside wound
Media width	15-52 mm (0.59"-2.05")
Media thickness	0.06-0.19 mm (2.3-7.4 mil), max. 150 g/m <sup>2</sup>
Media core diameter	25.4 mm (1")
Label length	10-2,286 mm (0.39"-90") Peeler mode: 25.4-152.4 mm (1"-6") Cutter mode: 25.4-2,286 mm (1"-90")
Environment condition	Operation: 5-40°C (41-104°F), 25-85% non-condensing Storage: -40-60°C (-40-140°F), 10-90% non-condensing
Safety regulation	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC
Accessories	<ul style="list-style-type: none"> <li>• Windows labeling software CD disk</li> <li>• Quick start guide</li> <li>• USB port cable</li> <li>• External universal switching power supply</li> <li>• Power cord</li> </ul>
Limited warranty	<ul style="list-style-type: none"> <li>• Printer: 2 years</li> <li>• Print head: 1 million inches (25 km) or 12 months which comes first since delivery from TSC</li> <li>• Platen: 50 km</li> </ul>
Factory option	USB host, for scanner or PC keyboard (factory option)
Dealer options	<ul style="list-style-type: none"> <li>• Peel off module assembly</li> <li>• Guillotine cutter</li> <li>Full cut: Paper thickness: 0.06-0.19 mm, 200,000 cuts</li> <li>Partial cut: Paper thickness: 0.06-0.12 mm, 500,000 cuts</li> <li>Paper thickness: 0.19 mm, 200,000 cuts</li> </ul>

