

# TSC

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SYSTEMS**

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## **TDP-247 SERIES** – Desktop Direct Thermal Bar Code Printer **FAST ECONOMICAL PRINTER PERFORMANCE IN A SMALL FOOTPRINT**



### KEY FEATURES

- High quality double-walled clamshell design
- 203 dpi and 300 dpi resolution models
- Up to 177.8 mm (7") per second print speed
- Easy media loading
- Label capacity up to 214 mm (8.4") OD
- SD Flash memory expansion up to 4 GB
- Head open sensor
- USB 2.0, parallel and serial connectivity standard
- Optional internal Ethernet interface, Bluetooth module, cutter, standalone keyboard and peel-and-present assembly
- ENERGY STAR® qualified
- Cerner certified

### APPLICATIONS

- Small Office/Home Office Mailing
- Product Marking
- High Resolution Print & Graphics Applications
- File-Folder Labeling
- Retail Point-of-Sale
- Shelf Labeling
- Healthcare Specimen Labeling
- Inventory & Asset Management
- Shipping

# TDP-247 SERIES – Desktop Direct Thermal Bar Code Printer

PRINTER MODEL	TDP-247	TDP-345
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
Printing method	Direct Thermal	
Max. print speed	178 mm (7")/second	127 mm (5")/second
Max. print width	108 mm (4.25")	106 mm (4.17")
Max. print length	2,286 mm (90")	1,016 mm (40")
Enclosure	Double-walled plastic	
Physical dimension	200 mm (W) x 164 mm (H) x 240 mm (D) 7.87" (W) x 6.46" (H) x 9.45" (D)	
Weight	1.9 kg (4.19 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>• SD 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>• RS-232</li> <li>• Centronics</li> <li>• Internal Ethernet, 10/100 Mbps (factory option)</li> <li>• Bluetooth (user option)</li> </ul>	
Power	External universal switching power supply <ul style="list-style-type: none"> <li>• Input: AC 100-240V, 2.5A, 50-60Hz</li> <li>• Output: DC 24V, 3.75A, 90W</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>	
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 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, RSS-Stacked, GS1 DataBar, Code 11 China Post</li> <li>• 2D bar code PDF-417, Maxicode, DataMatrix, QR Code, Aztec</li> </ul>	
Font and barcode rotation	0, 90, 180, 270 degree	
Printer language	TSPL-EZ™	
Media type	Continuous, die-cut, black mark, fan-fold, notched (outside wound)	
Media width	20 ~ 112 mm (0.78" ~ 4.4")	
Media thickness	0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)	
Media core diameter	25.4 ~ 76.2 mm (1" ~ 3")	
Label length	10 ~ 2,286 mm (0.4" ~ 90")	10 ~ 1,016 mm (0.4" ~ 40")
Environment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing 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> <li>• Label spindle, fixing tab x 2, 1.5" core adapter x 2</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>• Internal Ethernet interface (10/100 Mbps)</li> <li>• Real time clock</li> </ul>	
Dealer options	<ul style="list-style-type: none"> <li>• Peel-off module</li> <li>• Guillotine cutter (full cut or partial cut)</li> </ul>	
User options	<ul style="list-style-type: none"> <li>• Bluetooth module (serial interface)</li> <li>• External roll mount, media OD. 214 mm (8.4") on a 1" or 3" core</li> <li>• 3" core label spindle</li> <li>• KP-200 Plus keyboard display unit</li> <li>• KU-007 Plus programmable smart keyboard</li> </ul>	



## CORPORATE HEADQUARTERS

**TSC Auto ID Technology Co., Ltd.**  
Tel: +886 2 2218 6789  
E-mail: apac\_sales@tscprinters.com

## LI ZE PLANT

**TSC Auto ID Technology Co., Ltd.**  
Tel: +886 3 990 6677  
E-mail: apac\_sales@tscprinters.com

## AMERICAS

**TSC Auto ID Technology America Inc.**  
Tel: +1 657 258 0808  
E-mail: americas\_sales@tscprinters.com

## MEXICO

**TSC Mexico Representative Office**  
Tel: +52 (33) 3165 7379  
E-mail: americas\_sales@tscprinters.com

## BRAZIL

**TSC Brazil Representative Office**  
Tel: +55 (11) 99597 8098  
E-mail: americas\_sales@tscprinters.com

## EMEA

**TSC Auto ID Technology EMEA GmbH**  
Tel: +49 (0) 8106 37979 00  
E-mail: emea\_sales@tscprinters.com

## RUSSIA

**TSC Auto ID Technology EMEA GmbH**  
Tel: +7 495 249 9017  
E-mail: emea\_sales@tscprinters.com

## MIDDLE EAST

**TSC Auto ID Technology ME Ltd, FZE**  
Tel: +971 4 2533 069  
E-mail: emea\_sales@tscprinters.com

## ASIA PACIFIC

**TSC Auto ID Technology Co., Ltd.**  
Tel: +886 2 2218 6789  
E-mail: apac\_sales@tscprinters.com

## CHINA

**Tianjin TSC Auto ID Technology Co., Ltd.**  
Tel: +86 22 5981 6661  
E-mail: apac\_sales@tscprinters.com



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