

# TSC

The Smarter Choice.

CELEBRATING 20 YEARS



## TTP-247 SERIES – Desktop Thermal Transfer Bar Code Printer A NEW STANDARD FOR VALUE IN THE INDUSTRY!



### KEY FEATURES

- Up to 177.8 mm (7") per sec. print speed
- 4 MB Flash memory and 8 MB SDRAM memory
- SD Flash memory expansion up to 4 GB
- User-friendly clamshell design
- Label gap sensor & full-range adjustable black mark sensor
- Parallel, serial & USB 2.0 interfaces standard
- Main board integrated with internal Ethernet (factory option)
- Label capacity up to 214 mm (8.4") OD
- Ribbon capacity up to 300 m (984')
- TSPL-EZ™ firmware for plug-n-play ease
- Optional peel-off module, cutter module, Bluetooth module, external 802.11 b/g/n wireless module, stand-alone keyboard and scanner

### APPLICATIONS

- Business/Office
- Product Marking
- Compliance Labeling
- Asset Tracking
- Document Management
- Shelf-Labeling
- Shipping/Receiving
- Specimen Labeling
- Inventory Control
- Patient Tracking

# TTP-247 SERIES – Desktop Thermal Transfer Bar Code Printer

| PRINTER MODEL                 | TTP-247  | TTP-345                     |
|-------------------------------|--|-----------------------------|
| Resolution                    | 8 dots/mm (203 DPI)  | 12 dots/mm (300 DPI)        |
| Printing method               | Thermal Transfer & 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            | 213 mm (W) x 188 mm (H) x 314 mm (D)<br>8.39" (W) x 7.40" (H) x 12.36" (D)   |                             |
| Weight                        | 2.8 kg (6.17 lbs)  |                             |
| Label roll capacity           | 127 mm (5") OD   |                             |
| Ribbon                        | 300 m long, max. OD 67 mm, 1" core (ink coated outside)  |                             |
| Ribbon width                  | 40 mm ~ 110 mm (1.6" ~ 4.3")   |                             |
| 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> <li>• External 802.11 b/g/n wireless (user option)</li> </ul>  |                             |
| Power                         | External universal switching power supply<br><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>• Ribbon end sensor</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<br/>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</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-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 (0.39" ~ 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> <li>• Label spindle, fixing tab x 2, 1.5" core adapter x 2</li> <li>• Ribbon spindle x 2</li> <li>• Ribbon paper core</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>• 802.11 b/g/n wireless 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: printer\_sales@tscprinters.com

## LI ZE PLANT

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

## AMERICAS

**TSC Auto ID Technology America Inc. Corporate Office**  
Tel: +1 909 525 9779  
E-mail: sales@tscprinters.com

## Orlando Office

Tel: +1 407 704 8918  
E-mail: sales@tscprinters.com

## CANADA

**TSC Auto ID Technology America Inc.**  
Tel: +1 909 525 9779  
E-mail: sales@tscprinters.com

## MEXICO

**TSC Mexico Representative Office**  
Tel: +52 (33) 3836 6682  
E-mail: sales@idc-componentes.com

## BRAZIL

**TSC Brazil Representative Office**  
Tel: +55 (11) 9597 8098  
E-mail: paul\_liao@tscprinters.com

## EMEA

**TSC Auto ID Technology EMEA GmbH**  
Tel: +49 (0) 8106 37979 00  
E-mail: info@tsceu.com

## RUSSIA

**TSC Auto ID Technology EMEA GmbH**  
Tel: +7 915 422 8889  
E-mail: victoria.grobushkina@tsceu.com

## MIDDLE EAST

**TSC Auto ID Technology ME Ltd, FZE**  
Tel: +971 4 2533 069  
E-mail: info@tscmea.com

## ASIA PACIFIC

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

## CHINA

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

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