

# TSC

The Smarter Choice.



## TTP-246M PRO SERIES – Industrial Thermal Transfer Bar Code Printer

### DURABLE HIGH QUALITY PERFORMANCE



#### KEY FEATURES

- Heavy duty die-cast aluminum design
- 600-meter ribbon supply
- Large LCD display with 6-button menus
- USB 2.0, serial and parallel connectivity are standard
- Available in 203 and 300 dpi resolution versions
- Up to 203 mm (8") per sec. print speed
- 32-bit RISC processor
- TSPL-EZ™ firmware for plug-n-play ease
- Powerful basic programming tools
- Options include: Ethernet; USB host for use with keyboards and scanners; peel, present & rewind; cutter

#### APPLICATIONS

- Industrial-duty Printing
- Healthcare Patient Safety
- Compliance Labeling
- Work In Process
- Order Fulfillment
- Distribution
- Shipping/ Receiving
- Ticketing
- Electronics & Jewelry Labeling

# TTP-246M PRO SERIES – Industrial Thermal Transfer Bar Code Printer

PRINTER MODEL	TTP-246M Pro	TTP-344M Pro
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
Printing method	Thermal Transfer & Direct Thermal	
Max. print speed	203 mm (8")/second	152 mm (6")/second
Max. print width	108 mm (4.25")	104 mm (4.09")
Max. print length	2,286 mm (90")	1,016 mm (40")
Enclosure	Die-cast aluminum base and frame/Metal cover with large clear media view window	
Physical dimension	270 mm (W) x 308 mm (H) x 505 mm (D) 10.63" (W) x 12.13" (H) x 19.88" (D)	
Weight	15 kg (33.07 lbs)	
Label roll capacity	208.3 mm (8.2" ) OD	
Ribbon	600 m long, max. OD 90 mm, 1" core (ink coated outside or inside)	
Ribbon width	25.4 mm ~ 114.3 mm (1" ~ 4.5")	
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 Flash memory card reader for Flash memory expansion, up to 4 GB (dealer option)</li> </ul>	
Interface	<ul style="list-style-type: none"> <li>• RS-232</li> <li>• Centronics</li> <li>• USB 2.0</li> <li>• USB host, for scanner or PC keyboard (factory option)</li> <li>• PS/2 keyboard (dealer option)</li> <li>• Internal Ethernet, 10/100 Mbps (dealer option)</li> <li>• GPIO (dealer option)</li> <li>• Bluetooth (user option)</li> </ul>	
Power	Internal switching power supply <ul style="list-style-type: none"> <li>• Input: AC 100-240V, 3A, 50-60Hz</li> <li>• Output: DC 24V, 3.3A, 80W</li> </ul>	
LCD	Graphic type, 128 x 64 pixel, with back light	
Operation switch, button	1 power switch, 6 operation buttons (Menu, Pause, Feed, Up, Down, Select) & 3 LEDs	
Sensors	<ul style="list-style-type: none"> <li>• Gap transmissive sensor (position adjustable)</li> <li>• Black mark reflective sensor (position adjustable)</li> <li>• Head open sensor</li> <li>• Ribbon end sensor</li> </ul>	
Real time clock	Standard	
Internal fonts	<ul style="list-style-type: none"> <li>• 8 alpha-numeric bitmap fonts</li> <li>• Monotype Imaging® 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 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, Logmars</li> <li>• 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztech</li> </ul>	
Font and barcode rotation	0, 90, 180, 270 degree	
Printer language	TSPL-EZ™ (Compatible to EPL, ZPL, ZPL II)	
Media type	Continuous, die-cut, fan-fold, tag, notched, black mark, perforated, care label (outside wound)	
Media width	25.4 ~ 118 mm (1" ~ 4.6")	
Media thickness	0.06 ~ 0.30 mm (2.36 ~ 11.81 mil)	
Media core diameter	25.4 ~ 76.2 mm (1" ~ 3")	
Label length	5 ~ 2,286 mm (0.20" ~ 90")	5 ~ 1,016 mm (0.20" ~ 40")
Environment condition	Operation: 5 ~ 40°C, 20 ~ 85% non-condensing Storage: -40 ~ 60°C, 5 ~ 90% non-condensing	
Safety regulation	FCC Class A, CE Class A, C-Tick Class A, UL, CUL, TÜV/Safety, CCC, CB	
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> </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	N/A	
Dealer options	<ul style="list-style-type: none"> <li>• Internal rewinding kit</li> <li>• Peel-off kit</li> <li><b>Multi-interface board:</b></li> <li>• Configuration 1: Internal Ethernet interface (10/100 Mbps) + PS/2 keyboard interface + SD Flash memory card reader</li> <li>• Configuration 2: USB host + Internal Ethernet interface (10/100 Mbps) + PS/2 keyboard interface + SD Flash memory card reader</li> <li>• Configuration 3: GPIO interface + USB host + Internal Ethernet interface (10/100 Mbps) + PS/2 keyboard interface + SD Flash memory card reader</li> </ul>	
User options	<ul style="list-style-type: none"> <li>• Bluetooth module (serial interface)</li> <li>• Regular cutter (full cut guillotine cutter)</li> <li>• Heavy duty cutter (rotary cutter)</li> <li>• Care label cutter (rotary cutter)</li> <li>• KP-200 Plus series keyboard</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) 3836 6682  
 E-mail: americas\_sales@tscprinters.com

#### BRAZIL

**TSC Brazil Representative Office**  
 Tel: +55 (11) 9597 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

TSC® is a trademark of TSC Auto ID Technology Co., Ltd.  
 TSC Auto ID Technology Co., Ltd. is an ISO 9001/14001 registered company.  
 © 2016 TSC Auto ID Technology Co., Ltd.  
 Product models and Specifications are subject to change without notice.  
 Contact your TSC sales representative for specific information.