

# TSC

The Smarter Choice.

CELEBRATING 20 YEARS



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

### DURABLE HIGH-SPEED PERFORMANCE

#### KEY FEATURES

- Ethernet, USB 2.0, serial and parallel connectivity are standard
- Heavy duty die-cast aluminum design
- 300 dpi & 600 dpi resolution options
- 600 meter ribbon supply
- Large LCD display with 6-button menus
- 4 MB Flash and 8 MB SDRAM memory
- SD Flash memory expansion up to 4 GB
- Up to 203mm (8") per sec. print speed
- 32 bit RISC processor
- stand-alone printing
- TSPL-EZ™ firmware for plug-n-play ease
- Powerful basic programming tools
- Options include: USB host for use with keyboards; peel, present & rewind; GPIO connectivity; Bluetooth module; external 802.11 b/g/n wireless module; knife & rotary cutters

#### 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	Economy 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. CD 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> <li>• External 802.11 b/g/n wireless (user option)</li> </ul>				
Power	<ul style="list-style-type: none"> <li>Internal switching power supply</li> <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 backlight				
Operation switch, button	1 power switch, 6 operation buttons (Menu, Pause, Feed, Up, Down, Select)				
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, Azteck</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 ~ 4,064 mm (0.20" ~ 160")	5 ~ 1,854 mm (0.20" ~ 73")	5 ~ 1,016 mm (0.20" ~ 40")	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 (include internal rewind &amp; label redirect front panel)</li> <li>• Peel-off kit (include internal rewind &amp; peel off module)</li> <li>Multi-interface board: <ul style="list-style-type: none"> <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> </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>• 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>				



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