

# TSC

The Smarter Choice.

CELEBRATING 20 YEARS



## TTP-2410M 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
- 8 MB Flash and 32 MB SDRAM memory
- SD Flash memory expansion up to 4 GB
- Up to 305 mm (12") per sec. print speed
- 32 bit RISC processor
- PS/2 keyboard interface for 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-2410M PRO SERIES – Industrial Thermal Transfer Bar Code Printer

PRINTER MODEL	Industrial model			Economy Model	
	TTP-2410M Pro	TTP-346M Pro	TTP-644M Pro	TTP-246M Pro	TTP-344M Pro
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)	24 dots/mm (600 DPI)	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)
Printing method	Thermal Transfer & Direct Thermal				
Max. print speed	305 mm (12")/second	203 mm (8")/second	102 mm (4")/second	203 mm (8")/second	152 mm (6")/second
Max. print width		104 mm (4.09")		108 mm (4.25")	104 mm (4.09")
Max. print length	4,064 mm (160")	1,854 mm (73")	1,016 mm (40")	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>• 32 MB SDRAM</li> <li>• SD Flash memory card reader for Flash memory expansion, up to 4 GB</li> </ul>			<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>• PS/2 keyboard</li> <li>• Internal Ethernet, 10/100 Mbps</li> <li>• USB host, for scanner or PC keyboard (factory option)</li> <li>• GPIO (factory option)</li> <li>• Bluetooth (user option)</li> <li>• External 802.11 b/g/n wireless (user option)</li> </ul>			<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	Internal switching power supply • Input: AC 100-240V, 2A, 50-60Hz • Output: DC 24V, 5A, 120W			Internal switching power supply • Input: AC 100-240V, 3A, 50-60Hz • Output: DC 24V, 3.3A, 80W	
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)				
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, UPCA-A, UPCA-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 ~ 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	<ul style="list-style-type: none"> <li>• GPIO interface</li> <li>• USB host, for scanner or PC keyboard</li> <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> </ul>			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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