

# TSC

The Smarter Choice.



## TTP-2410MU SERIES – Industrial Thermal Transfer Bar Code Printer

### ENHANCED PRINT QUALITY, HIGH-SPEED PERFORMANCE



#### KEY FEATURES

- “Thermal Smart Control” print technology produces cleanest, high quality barcodes
- Up to 356 mm (14”) per sec. print speed
- Large LCD display with 6-button menus
- 128 MB Flash and 128 MB SDRAM memory standard (Factory option for 512 MB Flash/ 256 MB SDRAM)
- Heavy duty die-cast aluminum design
- USB host interface for stand-alone application
- Available in 203 dpi, 300 dpi and 600 dpi resolutions
- 600 meter ribbon supply
- SD Flash memory expansion up to 32 GB
- Ribbon capacity monitor widget
- Auto TPH resolution switch detection
- TSPL-EZ firmware for plug-n-play ease
- Options include: peel-off kit & 6” OD internal rewinding kit, General purpose IO connectivity, Bluetooth module and knife & rotary cutters

#### APPLICATIONS

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

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PRINTER MODEL	TTP-2410MU	TTP-346MU	TTP-644MU
Resolution	8 dots/mm (203 DPI)	12 dots/mm (300 DPI)	24 dots/mm (600 DPI)
Printing method	Thermal Transfer & Direct Thermal		
Max. print speed	356 mm (14")/second	254 mm (10")/second	102 mm (4")/second
Max. print width	104 mm (4.09")		
Max. print length	25,400 mm (1,000")	11,430 mm (450")	2,540 mm (100")
Enclosure	Die-cast aluminum base and frame/ Metal cover with two hinges & 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>• 128 MB Flash memory (factory option 512 MB)</li> <li>• 128 MB SDRAM (factory option 256 MB)</li> <li>• SD Flash memory card reader for Flash memory expansion, up to 32 GB</li> </ul>		
Interface	<ul style="list-style-type: none"> <li>• RS-232</li> <li>• Centronics</li> <li>• USB 2.0</li> <li>• Internal Ethernet, 10/100 Mbps</li> <li>• USB host, for scanner or PC keyboard</li> <li>• GPIO (factory option)</li> <li>• Bluetooth (user option)</li> </ul>		
Power	Internal switching power supply <ul style="list-style-type: none"> <li>• Input: AC 100-240V, 2A, 50-60Hz</li> <li>• Output: DC 24V, 5A, 120W</li> </ul>		
LCD	Graphic type, 128 x 64 pixel, with back light		
Operation switch, button, LED	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 encoder 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 ~ 116 mm (1" ~ 4.5")		
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 ~ 25,400 mm (0.20" ~ 1,000")	5 ~ 11,430 mm (0.20" ~ 450")	5 ~ 2,540 mm (0.20" ~ 100")
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>• Mainboard with extended memory (512 MB Flash/ 256 MB SDRAM)</li> </ul>		
Dealer options	<ul style="list-style-type: none"> <li>• Internal rewinding kit (Max. 6" OD)</li> <li>• Peel-off kit</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>• High speed cutter</li> <li>• KP-200 Plus keyboard display unit</li> <li>• KU-007 Plus programmable smart keyboard</li> </ul>		



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**The Printer Place - Les Brown**  
2221 South Dupont Drive  
Anaheim, CA 92806  
1-800-243-3338  
sales@theprinterplace.com  
www.theprinterplace.com