THE NEW PRICE-PERFORMANCE LEADER

TSC™
Connecting Your Thermal Printing Needs.™

TTP-2410M SERIES
INDUSTRIAL THERMAL TRANSFER BAR CODE PRINTER

The new die-cast aluminum label printers from TSC are designed for your most demanding barcode and identification needs, without breaking your budget.

TTP-2410M
Never before have so many standard features been packed into a label printer at such an affordable price. The TTP-2410M boasts a print speed up to 12 inches per second. This is the fastest printer in the TSC lineup and also provides the fastest label throughput of any similar printer. By combining high speeds with the TTP-2410M series durable die-cast aluminum frame, the TTP-2410M is ideal for your mission critical printing applications, either on-demand or in batches.

TTP-2410M standard features include internal Ethernet, USB 2.0 and PS/2 keyboard interface.The electronics include 32MB DRAM, 8 MB FLASH memory and a slot for an SD card so users can inexpensively add up to 4 GB of additional FLASH storage. The mechanism supports up to a 600 meter ribbon length and a full 8.2" OD media roll, with an optional peel-off kit include internal rewind, label peel & present sensor. All of this offered at an affordable price, and with a two year limited warranty.

TTP-246M Plus Economy Models
Built specifically for the budget–minded, the TTP-246M Plus barcode printer features the basic

requirements for most applications at an affordable price without skimping on quality. With an easy to understand 6 button display and proven side-load design, it's quick to learn, use, and load, so operators can focus on more productive tasks. The printer offers standard serial, parallel and USB connectivity, and optional internal Ethernet or external 802.11b/g wireless networking for simple integration.

300 DPI Upgrade
Higher 300 dpi resolutions are available in either factory versions or as a field upgrade. The upgrade kit includes a new printhead with firmware and takes 30 minutes to install.

600 DPI Option
Based on the same die-cast aluminum chassis, a version of 600 dpi resolutions is available as a factory option. The printer offers speed of up to 4 ips and a generous 32 MB DRAM, 8 MB FLASH memory as well as a SD card slot.

Powerful TSPL-EZ™ Printer Programming Language
TSC ships TSPL-EZ™ firmware in all its printers. TSPL-EZ™ supports three different printer languages including TSC printer language, TPLE (Translation Printer Language Eltron®), and TPLZ (Translation Printer Language Zebra®). TSPL-EZ™ features internal scalable True Type fonts, and a BASIC interpreter with file manager for creating powerful printer interface applications with multiple type of hosts.

The TTP-2410M platform is perfect for:
- Industrial duty printing
- Health care patient safety
- Compliance labeling
- Work in process
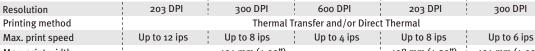- Order fulfillment
- Distribution
- Shipping/receiving
- Ticketing

Value . Performance . Support

TTP-2410M SERIES
INDUSTRIAL THERMAL TRANSFER BAR CODE PRINTER

TSC
Connecting Your Thermal Printing Needs.™

SPECIFICATIONS

Printer model	Industrial model			Economy model	
	TTP-2410M	TTP-346M	TTP-644M	TTP-246M Plus	TTP-344M Plus
Resolution	203 DPI	300 DPI	600 DPI	203 DPI	300 DPI
Printing method	Thermal Transfer and/or Direct Thermal				
Max. print speed	Up to 12 ips	Up to 8 ips	Up to 4 ips	Up to 8 ips	Up to 6 ips
Max. print width	104 mm (4.09")			108 mm (4.25")	104 mm (4.09")
Max. print length	4064 mm (160")	1854.2 mm (73")	1016 mm (40")	2286 mm (90")	1016 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) or 10.63" (W) x 12.13" (H) x 19.88" (D)				
Weight	15 kg				
Label roll capacity	208.3 mm (8.2") OD				
Ribbon	600 meter long, 1" core (ink coated outside or inside)				
Ribbon width	25.4 mm ~ 114.3 mm (1"~4.5")				
Processor	32-bit RISC CPU				
Memory	● 8MB Flash memory ● 32MB SDRAM ● SD Flash memory card slot for Flash memory expansion			● 4MB Flash memory ● 8MB SDRAM	
Interface	● RS-232C (2400- 115200 bps) ● Centronics (SPP mode) ● USB 2.0 client (full speed) ● Internal Ethernet print server			● RS-232C (2400- 115200 bps) ● Centronics (SPP mode) ● USB 2.0 client (full speed)	
Power	Internal switching power supply ● Input: 115-230V~, 6.3/3.15A, 50/60Hz ● Output: 24V , 8.33A, 200W			Internal switching power supply ● Input: 115-230V~, 3A, 50/60Hz ● Output: 24V, 3.3A, 80W	
LCD display	Graphic type, 128 x 64 pixel, with back light				
Operation switch, button	1 power switch, 6 operation buttons				
Sensors	● Position adjustable transmissive/reflective sensor ● Ribbon end sensor ● Head open sensor				
Real time clock	Standard				
Internal fonts	● 8 alpha-numeric bitmap fonts ● Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font				

Bar code	1D bar code
	   Code 39, Code 93, Code128UCC, Code128 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
	2D bar code
	   PDF-417, Maxicode, DataMatrix, QR code				

Font & barcode rotation	0, 90, 180,270 degree				
Command set	TSPL-EZ ™				
Media type	Continuous, die-cut, fan-fold, tag, notched, black mark, perforated, care label				
Media width	25.4~118 mm (1" ~ 4.6")				
Media thickness	0.06~0.30 mm (2.3~11.8 mil), 300g/m^2				
Media core diameter	25.4~76.2 mm (1"~3")				
Label length	5~4064 mm (0.20"~160")	5~1854.2 mm (0.20"~73")	5~1016 mm (0.20"~40")	5~2286 mm (0.20"~90")	5~1016 mm (0.20"~40")
Environment condition	Operation: 5~40º C, 20~85% non-condensing Storage: -5~60 ºC, 5~90% non-condensing				
Safety regulation	FCC Class A, CE Class A, C-Tick Class A, UL, CUL, TUV/GS, CCC, CB				
Environmental concern	Comply with RoHS, WEEE				
Accessories	● BarTender UltraLite labeling software CD disk ● USB cable ● Quick start guide ● Power cord				
Limited warranty	● Print head: 1 million inches (25 km) or 12 months which comes first since delivery from TSC ● Printer: 2 years ● Platen: 50 km				
Factory options	● RFID ready printer ● Peel-off kit (include internal rewind & peel off module) ● Internal rewinding kit (include internal rewind & label redirect front panel) ● Applicator I/O interface			● RFID ready printer ● Peel-off kit (include internal rewind & peel off module) ● Internal rewinding kit (include internal rewind & label redirect front panel)	
Dealer options	N/A			Multi-interface board : ● Configuration 1: Internal Ethernet print server + PS/2 keyboard interface + SD flash memory card slot ● Configuration 2: Applicator I/O interface + Internal Ethernet print server + PS/2 keyboard interface + SD flash memory card slot	
User options	● Regular cutter ● Heavy duty cutter ● External wireless (802.11b/g) print server			● Bluetooth module ● KP-200 series keyboard ● KU-007 Plus programmable smart keyboard	

ISO 9001 CERTIFIED

ISO 14001 CERTIFIED