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, 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-2410MU SERIES – Industrial Thermal Transfer Bar Code Printer

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	• 128 MB Flash memory (factory option 512 MB) • 128 MB SDRAM (factory option 256 MB) • SD Flash memory card reader for Flash memory expansion, up to 32 GB		
Interface	• RS-232 • Centronics • USB 2.0 • Internal Ethernet, 10/100 Mbps • USB host, for scanner or PC keyboard • GPIO (factory option) • Bluetooth (user option) • External 802.11 b/g/n Wireless (user option)		
Power	Internal switching power supply • Input: AC 100-240V, 2A, 50-60Hz • Output: DC 24V, 5A, 120W		
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	• Gap transmissive sensor (position adjustable) • Black mark reflective sensor (position adjustable) • Head open sensor • Ribbon encoder sensor • Ribbon end 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, 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 • 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztech		
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	• Windows labeling software CD disk • Quick start guide • USB cable • Power cord		
Limited warranty	• Printer: 2 years • Print head: 25 km (1 million inches) or 12 months which comes first • Platen: 50 km (2 million inches) or 12 months which comes first		
Factory options	• GPIO interface • Mainboard with extended memory (512 MB Flash/ 256 MB SDRAM)		
Dealer options	• Internal rewinding kit (Max. 6" OD) • Peel-off kit		
User options	• Bluetooth module (serial interface) • 802.11 b/g/n Wireless module (serial interface) • Regular cutter (full cut guillotine cutter) • Heavy duty cutter (rotary cutter) • Care label cutter (rotary cutter) • KP-200 Plus keyboard display unit • KU-007 Plus programmable smart keyboard		

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