TSC PRINTRONIX
AUTO ID

TTP-2410MT Metal Industrial 203 dpi, DT/TT, touch LCD, up to 14 ips

TSC's TTP-2410MT die-cast aluminum label printer is designed to meet the most demanding bar-coding and identification requirements, offering more standard features than any comparable printer – without breaking your budget. The TTP-2410M boasts a print speed up to 14 ips (356 mm/sec) – the fastest in the TSC product lineup – and the fastest throughput of any printer in its class. With its combination of speed and durability, the TTP-2410MT is ideal for mission-critical printing applications – either on-demand or batch.

TTP-2410M standard features include internal Ethernet, USB 2.0 and PS/2 keyboard connectivity, 128 MB SDRAM, 128 MB Flash memory, and an SD memory-card slot for inexpensively adding up to 32 GB of additional Flash storage. The TTP-2410M supports up to a 600-meter-long ribbon, along with a full 8.2-inch OD media roll. An optional peel-off kit includes an internal rewinder and a label peel-and-present sensor. The unit comes with a 2-year limited warranty.

The TTP-2410M series is available in a 300-dpi model (TTP-346M), which operates at speeds up to 10 ips and can be ordered either from the factory or as a field upgrade. An upgrade kit, which includes a printhead and firmware, takes 30 minutes to install. Also available as a factory option is a 600 dpi model (TTP-644M), which operates at speeds up to 4 ips. Both the TTP-346M and TTP-644M offer 128 MB SDRAM, 128 MB Flash memory and an SD card slot for expanded memory.

Barcode printer TSC TTP-series 2410MT / MU have TSPL-EZ firmware, which is simple to setup and control. TSPL-EZ can automatically use emulation TPLZ (Translation Printer Language Zebra®) or TPLE (Translation Printer Language Eltron®) without the need to manually setting the correct command language. Do printers simply can send labels formats in both the language Zebra and Eltron language, the book is automatically detects and correctly printed. Firmware TSPL-EZ also includes internal scalable TrueType fonts and language BASIC interpreter with file manager, which allows a very powerful way to connect the printer to different systems.

TSC printers have the Thermal Smart Control technology, a patented electronic print head temperature control. Print output is sharper because of that technology and, what's even more important, printhead life is several times longer.

TSC TTP-2410MT Industrial Bar Code Printer Key Features:

- Heavy duty die-cast aluminum design
- 300 dpi & 600 dpi resolution options
- 600 meter ribbon supply
- 128 MB Flash and 128 MB SDRAM memory
- SD Flash memory expansion up to 32 GB
- Up to 356 mm (14") per sec. print speed
- 32 bit RISC processor
- Internal Ethernet standard
- Smart Thermal Control technology significantly extends printhead life and ensures sharper print output
- powerful TSPL-EZ firmware enables automatic detection of printer language ZPL (Zebra) and EPL (Eltron)

- large LCD display with six control buttons
- "Thermal Smart Control"™ print technology produces cleanest, high quality barcodes

Product summary video: VIDEO='DMS:2866'

Technical Description

Functionality & Operation

Display type	LCD 16 bit color color, with backlight
Touch-screen panel	Yes
Print resolution	203dpi
Print speed	356mm/sec (14 ips)
Maximal print length	25400mm
Fonts	8 alpha-numeric bitmap fonts, Monotype Image ® true type font engine with one CG Triumvirate Bold Condensed scalable font
Operation interface	ON/OFF, 7x button
CPU Type	32-bit RISC
Memory	128MB DRAM
Memory	128MB Flash
Expansion slot	SD Card
Fonts & barcode rotation	0°, 90°, 180°, 270°
2D Code Symbologies	PDF417, MaxiCode, Data Matrix, QR code, Aztec
1D Barcode Symbologies	All standard one-dimension barcodes
Commands set	TSPL-EZ TM (Compatible to EPL, ZPL, ZPL II) or CPCL emulation
Print mode	thermal-transfer, direct thermal
Communication interface	Ethernet, USB Host, GPIO, USB, RS232, Parallel Centronics

Optical

Resolution	480x272 px
Sensors	ribbon end sensor, open print-head detector, transmissive, reflective

Electrical

Power Source	Input: 100 ~ 240 VAC, 50~60 Hz, 5A

Mechanical

Weight	15kg
Dimensions	Width: 515mm, Height: 270mm Length: 308mm
Body housing	sheet metal

Consumables

Media type	continuous, fan-fold, tags, notch, black-marked media, perforated
Maximal paper width	116mm
Minimal paper width	25.4mm
Media core diameter	25.4 to 76.2mm
Media thickness	0.06 to 0.3mm
Max. ribbon length	600m

Environment

Operating temperature	5 to 40°C
Storage temperature	-40 to 60°C
Operating humidity (non-condensing)	20 to 85%

Storage humidity (non-condensing)	5 to 90%

Others

Certifications	RoHS, WEEE, FCC Class A, CE Class A, C-Tick Class A, UL, cUL, TÜV/Safety, CCC, CB
Bundled Accessories	USB cable, power cord, quick start guide, CD Windows software
Optional accessories	cutter, KU-007 Plus smart keyboard, KP-200 Plus keyboard display unit, dispenser kit
Warranty	2 years (printer), 25000 m or 6 months (print head), 50000 m or 12 months (printing cylinder), approved material CODEWARE