



## TTP-346MT Metal Industrial 300 dpi, DT/TT, touch LCD, up to 10 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)

- $\bullet \;\;$  large LCD display with six control buttons
- $\bullet \;\;$  "Thermal Smart Control"  $\!^{\text{\tiny{MM}}}$  print technology produces cleanest, high quality barcodes



# **Technical Description**

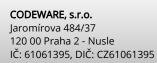
### Functionality & Operation

| Functionality & Operation |   |
|---------------------------|---|
| Display type              | LCD 16 bit color color, with backlight  |
| Touch-screen panel        | Yes   |
| Print resolution          | 300dpi  |
| Print speed               | 254mm/sec (10 ips)  |
| Maximal print width       | 104mm   |
| Maximal print length      | 11430mm   |
| Fonts                     | 8 alpha-numeric bitmap fonts, Monotype Image ${\bf @}$ 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   |
|                           |   |

-40 to 60°C

Storage temperature

| 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 |



Operating humidity (non-condensing)

20 to 85%





