

TSC

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CELEBRATING 20 YEARS



MX240 SERIES – Industrial Thermal Transfer Bar Code Printer

STRONG PERFORMANCE FOR MISSION CRITICAL ENTERPRISE APPLICATIONS



KEY FEATURES

- Heavy duty die-cast aluminum design
- Fast 536 Mhz processor
- Faster print speed - up to 14 ips
- 4.3" color LCD with 6-button menus and touch panel operation
- Available in 203 dpi, 300 dpi and 600 dpi resolutions
- 128 MB Flash and 256 MB SDRAM memory
- 600 meter ribbon capacity
- TSPL-EZ™ firmware for plug-n-play ease
- USB host interface for stand-alone application

APPLICATIONS

- High Volume Printing
- Work In Process
- Compliance Labeling
- Inventory Management
- Shipping/Receiving
- Asset Management
- Electronics & Jewelry Labeling

MX240 SERIES – Industrial Thermal Transfer Bar Code Printer

| PRINTER MODEL | MX240 | MX340 | MX640 |
|---------------------------|---|-----------------------------|----------------------------|
| 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 | 305 mm (12")/second | 152 mm (6")/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 based print mechanism and frame/Aluminum cover with large clear media view window | | |
| Physical dimension | 300 mm (W) x 393 mm (H) x 510 mm (D) 11.81" (W) x 15.47" (H) x 20.08" (D) | | |
| Weight | 18 kg (39.68 lbs) | | |
| Label roll capacity | 203.2 mm (8") OD | | |
| Ribbon | 600 meter long, max. OD 90 mm, 1" core (ink coated outside/inside) | | |
| Ribbon width | 40 ~ 115 mm | | |
| Processor | 32-bit RISC CPU | | |
| Memory | <ul style="list-style-type: none"> • 128 MB Flash memory • 256 MB SDRAM • SD Flash memory card reader for Flash memory expansion, up to 32 GB | | |
| Interface | <ul style="list-style-type: none"> • RS-232 • Centronics • USB 2.0 • Internal Ethernet, 10/100 Mbps • USB host * 2 (front side) * 2 (rear side, factory option), for scanner or PC keyboard • GPIO (dealer option) • Bluetooth (user option) • External 802.11 b/g/n wireless (user option) | | |
| Power | Internal universal switching power supply • Input: AC 100-240V, 5.5A, 47-63Hz • Output: DC 24V, 14.58A, 200W | | |
| LCD | 16 bits Color, 480 x 272 pixel, with back light, Resistive Touch Screen | | |
| Operation switch, button | 1 power switch, 6 operation buttons (Menu, Pause, Feed, Up, Down, Select) | | |
| Sensors | <ul style="list-style-type: none"> • Gap transmissive sensor (position adjustable) • Black mark reflective sensor (position adjustable) • Head open sensor • Ribbon end sensor • Ribbon encode sensor | | |
| Real time clock | Standard | | |
| Internal fonts | <ul style="list-style-type: none"> • 8 alpha-numeric bitmap fonts • Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font | | |
| Bar code | <ul style="list-style-type: none"> • 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, RSS-Stacked, GS1 DataBar, Code 11, China Post • 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec | | |
| Font and barcode rotation | 0, 90, 180, 270 degree | | |
| Printer language | TSPL-EZ™ (Compatible to EPL, ZPL, ZPL II) | | |
| Media type | Continuous, die-cut, black mark, fan-fold, notched (outside wound) | | |
| Media width | 20 ~ 114 mm (0.78" ~ 4.49") | | |
| Media thickness | 0.076 ~ 0.305 mm (2.99 ~ 12.01 mil) | | |
| Media core diameter | 76.2 mm (3") | | |
| Label length | 3 ~ 25,400 mm (0.1" ~ 1,000") | 3 ~ 11,430 mm (0.1" ~ 450") | 3 ~ 2,540 mm (0.1" ~ 100") |
| Environment condition | Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing | | |
| Safety regulation | FCC Class B, CE Class B, C-Tick Class B, UL, cUL, TÜV/safety, CCC | | |
| Environmental concern | Comply with RoHS, WEEE | | |
| Accessories | <ul style="list-style-type: none"> • Windows labeling software CD disk • Quick start guide • USB cable • Power cord | | |
| Limited warranty | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Internal rewinding kit (include internal rewind & label redirect front panel) • USB host (rear side), for scanner or PC keyboard | | |
| Dealer options | <ul style="list-style-type: none"> • Peel-off kit (include internal rewind & peel off module) • Regular cutter (full cut guillotine cutter) • Heavy duty cutter (full cut rotary cutter) • GPIO interface | | |
| User options | <ul style="list-style-type: none"> • Bluetooth module (serial interface) • 802.11 b/g/n wireless module (serial interface) • KP-200 Plus keyboard display unit • KU-007 Plus programmable smart keyboard | | |



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