# Fastmark M7 Series

## Quality Performance — Powerful Features!



## Fastmark M7XPd – High Performance Bar Code Printer with Color Touch Display

M7XPd is a powerful, high performance printer that is fully featured with an easy-to-use touchscreen display. It has a low profile and is a great value for printing high volume applications.

### Standard Features

- Direct Thermal and Thermal Transfer
- 203, 300 and 600 dpi models
- Print speeds up to 14 ips
- Our powerful and versatile "PAL" plus other popular emulations
- Easy-to-read **color** touch display
- New print technology produces highest quality bar codes
- USB host keyboard port for stand-alone applications
- Real Time Clock included



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PAL
*It speaks your language*

# The M7XPd and M7e are ready for loading custom PAL® applications

## PRINTER SPECIFICATIONS INCLUDE:

| | |
|---|---|
| **Printer Model** | Fastmark M7XPd and M7e |
| **Resolution** | **M7XPd** 203, 300 or 600 dpi models<br>**M7e** 203, 300 dpi |
| **Command Set** | PAL Plus, TPLZ, TPLE, TPLD |
| **Printing Method** | Direct Thermal/Thermal Transfer |
| **Print Speed** | **M7XPd** Up to 14 ips – 203 dpi<br>**M7XPd** Up to 10 ips – 300 dpi<br>**M7XPd** Up to 4 ips – 600 dpi<br><br>**M7e** Up to 8 ips – 203 dpi<br>**M7e** Up to 6 ips – 300 dpi |
| **Max Print Width** | 4.09 inches |
| **Media Width** | 1.0 to 4.5 inches |
| **Max Print Length** | **M7XPd** 1000 inches – 203 dpi<br>**M7XPd** 450 inches – 300 dpi<br>**M7XPd** 100 inches – 600 dpi<br><br>**M7e** 90 inches – 203 dpi<br>**M7e** 40 inches – 300 dpi |
| **Media Core Diameter** | 1 - 3 inches |
| **Ribbon Capacity** | 600 meter, 1" core<br>(ink coated outside/inside) |
| **Media Types** | Continuous, die-cut, fan-fold, tag, notch, black mark, perforated, care label (outside wound) |
| **Sensors** | Gap transmissive, black mark reflective, head open, ribbon end, ribbon encoder |
| **Enclosure** | Die-cast based print mechanism and frame/aluminum cover with large clear media window |
| **Physical Dimension** | 10.63" (W) x 12.13" (H) x 20.28" (D)<br>270 mm (W) x 308 mm (H) x 515 mm (D) |
| **Label Roll Capacity** | 8.2" OD |
| **Processor** | 32-bit RISC CPU |

| | |
|---|---|
| **Memory** | **M7XPd** 128 MB Flash<br>**M7XPd** 128 MB SDRAM<br>**M7XPd** SD card slot for memory expansion up to 32 GB<br><br>**M7e** 4MB Flash<br>**M7e** 8MB SDRAM<br>**M7e** SD card slot for memory expansion up to 4 GB (optional) |
| **Real Time Clock** | Standard |
| **LCD** | **M7XPd** Resistive Touch Screen, 16 bits Color,<br>**M7e** 480 x 272 pixels with back lights |
| **Interfaces** | **M7XPd** RS-232, Centronics, USB 2.0, Ethernet 10/100 Mbps, USB host for keyboard or scanner Optional: GPIO, Bluetooth and WiFi 802.11b/g/n<br>**M7e** RS-232C (2400 - 115200 bps), Centronics (SPP mode), USB 2.0 client (full speed) |
| **Linear Bar Codes** | 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, GS1 Data Bar, Code 11, RSS stacked |
| **2D Bar Codes** | PDF-417, Maxicode, Data Matrix, QR Code, Aztec |
| **Power** | Internal switching power supply<br>Input: AC 100~240V, 50~60Hz, 2A<br>Output: DC 24V, 15A, 120W |
| **Environment Conditions** | Operation: 41 – 104 F, 25 – 85% non-condensing<br>*Storage: -40 – 140 F, 10 – 90% non-condensing* |
| **Limited Warranty** | **Printer:** 2-years<br>**Print head:** 1-million inches (25km) or 12 months whichever comes first<br>**Platen:** 2-million inches (50km) |
| **Agency Approval** | FCC Class A, CE Class A, C-Tick Class A, UL, CUL, TUV/safety, CCC, CB, meets RoHS, WEEE compliance |

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