



## M1 Direct Thermal

- PAL Plus, Zebra, Eltron and Datamax emulations
- Print speeds up to 5 ips
- 4 MB Flash memory
- 203 and 300 dpi models
- Adjustable media sensor



|                                      |                                                                                                                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Printer Model</b>                 | Fastmark M1 Direct Thermal                                                                                                                                                                                          |
| <b>Resolution</b>                    | 8 dots/mm (203 DPI)<br>12 dots/mm (300 DPI)                                                                                                                                                                         |
| <b>Command Set</b>                   | PAL Plus™, TPLZ, TPLE, TPLD                                                                                                                                                                                         |
| <b>Printing Method</b>               | Direct Thermal                                                                                                                                                                                                      |
| <b>Max Print Speed</b>               | 127 mm (5")/second (203)<br>102 mm (4")/second (300)                                                                                                                                                                |
| <b>Max Print Width</b>               | 54 mm (2.13")(203)<br>48 mm (1.89")(300)                                                                                                                                                                            |
| <b>Max Print Length</b>              | 2,286 mm (90")(203)<br>1,016 mm (40")(300)                                                                                                                                                                          |
| <b>Media Width</b>                   | 15 ~ 60 mm (0.59" ~ 2.36")                                                                                                                                                                                          |
| <b>Media Core Diameter</b>           | 25.4 ~ 38 mm (1" ~ 1.5")                                                                                                                                                                                            |
| <b>Ribbon Capacity</b>               | 300 dpi - 90m, 0.5" core, max O. D. 1.46"                                                                                                                                                                           |
| <b>Enclosure</b>                     | Clamshell design with wall mount hole at the bottom cover                                                                                                                                                           |
| <b>Media Types</b>                   | Continuous, die-cut, black mark, fan-fold, notched, wristband (outside wound)                                                                                                                                       |
| <b>Media thickness</b>               | 0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)                                                                                                                                                                                    |
| <b>Label Roll Capacity</b>           | 127 mm (5") OD                                                                                                                                                                                                      |
| <b>Label length</b>                  | 10 ~ 2,286 mm (0.39" ~ 90")(203)<br>10 ~ 1,016 mm (0.39" ~ 40")(300)                                                                                                                                                |
| <b>Memory</b>                        | 4MB Flash<br>8MB SDRAM<br>microSD card reader for Flash memory expansion, up to 4 GB                                                                                                                                |
| <b>Processor</b>                     | 32-bit RISC CPU                                                                                                                                                                                                     |
| <b>Interfaces</b>                    | RS-232<br>USB 2.0<br>Internal Ethernet, 10/100 Mbps (dealer option)<br>Bluetooth (user option)                                                                                                                      |
| <b>1D Bar Codes</b>                  | 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 Data Bar, Code 11 |
| <b>2D Bar Codes</b>                  | PDF-417, Maxicode, Data Matrix, QR Code, Aztec                                                                                                                                                                      |
| <b>Operation switch, button, LED</b> | 1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)                                                                                                                                                |
| <b>Internal fonts</b>                | 8 alpha-numeric bitmap fonts<br>Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font                                                                                          |
| <b>Font and barcode rotation</b>     | 0, 90, 180, 270 degree                                                                                                                                                                                              |
| <b>Sensors</b>                       | Black mark reflective sensor (position adjustable)                                                                                                                                                                  |
| <b>Dimension</b>                     | 109 mm (W) x 171 mm (H) x 209 mm (D)<br>4.29" (W) x 6.73" (H) x 8.23" (D)                                                                                                                                           |



# THERMAL PRINTERS

|                               |                                                                                                                              |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Power</b>                  | Input: AC 100-240V, 1A, 47-63Hz<br>Output: DC 24V, 2.08A, 50W                                                                |
| <b>Environment Conditions</b> | Operation: 41 - 104 F, 25 - 85% non-condensing<br>Storage: -40 - 140 F, 10 - 90% non-condensing                              |
| <b>Environmental concern</b>  | Comply with RoHS, WEEE                                                                                                       |
| <b>Real Time Clock</b>        | Standard                                                                                                                     |
| <b>Limited Warranty</b>       | 2 years or 2 million linear inches - printer printhead and platen - one year or one million linear inches Print Head: 1 year |
| <b>Agency Approval</b>        | FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC, ENERGY STAR®                                              |
| <b>Reliability</b>            | TPH: 98K feet or 12 months whichever comes first<br>Platen: 164 feet                                                         |

The Fastmark M1 Series are the perfect patient wristband printers. They are compact yet hold a full roll of media. With its 2" print width it can also be used for printing pediatric bands, labels, and infant tags.