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**INTEGRATED  
PRODUCTIVITY  
SYSTEMS**

(844) 477-4911 | [www.ipsiscan.com](http://www.ipsiscan.com)

**M84Pro(2)** 203 dpi  
**M84Pro(3)** 305 dpi  
**M84Pro(6)** 609 dpi



**Industrial Thermal Printer | M84Pro Series**



**Rugged. High Resolution. High Performance.**

### **Streamlined Features**

- Heavy-Duty Metal Industrial Construction
- Proven Rugged Reliable Design
- User Configurable Print Resolution (203, 305 or 609 dpi)
- RISC CPU for Outstanding Performance, Up to 10 ips
- High Print Speed & Resolution
- 18 MB of On-Board Memory
- Print From Any Windows® Application

### **Industry Verticals**

- Aerospace
- Automotive
- Food Services
- Distribution
- Government
- Manufacturing
- Wholesale

### **Industry Applications**

- Compliance Labeling
- PCB Labeling
- Component Marking
- Ticketing
- Retail Labeling
- Compliance Labeling
- Shipping/Receiving
- Asset Tracking
- WMS



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# GENERAL SPECIFICATIONS

M84Pro Series

| PRINTER MODEL                                                                                                |               | M84Pro(2)                                                                                                                                                                                          | M84Pro(3)            | M84Pro(6)            |
|--------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|
| PRINT SPECIFICATIONS                                                                                         |               |                                                                                                                                                                                                    |                      |                      |
| Printing Method                                                                                              |               | Thermal Transfer/ Direct Thermal                                                                                                                                                                   |                      |                      |
| Print Resolution                                                                                             |               | 203 dpi (8 dots/mm)                                                                                                                                                                                | 305 dpi (12 dots/mm) | 609 dpi (24 dots/mm) |
| Printing Speed                                                                                               |               | 10 ips (254 mm/sec)                                                                                                                                                                                | 8 ips (200 mm/sec)   | 6 ips (150 mm/sec)   |
| Print Area                                                                                                   | Max Width     | 4.1" (104 mm)                                                                                                                                                                                      |                      |                      |
|                                                                                                              | Max Length    | 49.2" (1249 mm)                                                                                                                                                                                    | 32.8" (833 mm)       | 14" (356 mm)         |
|                                                                                                              | Min Length    | 0.24" (6 mm) - continuous / 0.63" (16 mm) - tear off / 1.18" (30 mm) - cutter/dispenser                                                                                                            |                      |                      |
| MEDIA SPECIFICATIONS                                                                                         |               |                                                                                                                                                                                                    |                      |                      |
| Sensor Type                                                                                                  |               | Adjustable transmissive sensor for gap, Reflective sensor for black mark, Automatic, programmable top of form, Label present sensor (opt. w/dispenser), Ribbon-out sensor                          |                      |                      |
| Media Type                                                                                                   |               | Roll-fed or fanfold, die-cut or continuous direct thermal (thermal transfer) labels, synthetics, and tag stock with or without black mark, gap, or notch.                                          |                      |                      |
| Media Width                                                                                                  |               | Maximum 5" (128 mm) / Minimum 0.87" (22 mm)                                                                                                                                                        |                      |                      |
| Media Specs                                                                                                  | Caliper       | Maximum 0.01" (0.25 mm)                                                                                                                                                                            |                      |                      |
|                                                                                                              | Roll Diameter | Maximum 8.6" (218 mm)                                                                                                                                                                              |                      |                      |
|                                                                                                              | Wind          | Face In                                                                                                                                                                                            |                      |                      |
| Maximum Ribbon Size                                                                                          |               | 4.4" (111 mm) W x 1475' (450 m) L - Face In                                                                                                                                                        |                      |                      |
| MEMORY/PROCESSING                                                                                            |               |                                                                                                                                                                                                    |                      |                      |
| Standard                                                                                                     |               | 16 MB RAM, 2 MB Flash                                                                                                                                                                              |                      |                      |
| Optional                                                                                                     |               | 4 MB Flash, 1 MB or 256 K PCMCIA                                                                                                                                                                   |                      |                      |
| Processor                                                                                                    |               | 32-BIT RISC                                                                                                                                                                                        |                      |                      |
| COMMUNICATION INTERFACES                                                                                     |               |                                                                                                                                                                                                    |                      |                      |
| Plug-in Interface                                                                                            |               | Serial - RS232 (up to 57.6k bps), Parallel - IEEE1284 (ECP), Ethernet - 10/100BaseT, Twinax/Coax, RS422/485, USB (Factory Installed)                                                               |                      |                      |
| FONT/BARCODE SYMBOLOGIES                                                                                     |               |                                                                                                                                                                                                    |                      |                      |
| Fonts                                                                                                        |               | Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858), Scalable Internal CG Triumvirate® and CG Times® Fonts, Optional Downloaded TrueType® fonts, scalable from 8 to 72 points |                      |                      |
| Barcodes                                                                                                     | Linear        | UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™                                      |                      |                      |
|                                                                                                              | 2-D           | PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology                                                                                                       |                      |                      |
| Formatting                                                                                                   |               | 360° rotation of barcodes and text, horizontal and vertical character expansion, sequential numbering and form overlay for high-speed editing of complex formats                                   |                      |                      |
| SUPPORT                                                                                                      |               |                                                                                                                                                                                                    |                      |                      |
| Graphic                                                                                                      |               | Printing and storage of *.PCX, *.BMP format, SATO Hex/binary                                                                                                                                       |                      |                      |
| Software                                                                                                     |               | Windows® Drivers, Label Software                                                                                                                                                                   |                      |                      |
| OPERATING & ENVIRONMENTAL                                                                                    |               |                                                                                                                                                                                                    |                      |                      |
| Electrical Requirements                                                                                      |               | 115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required                                                                                                                                        |                      |                      |
| Agency Certifications                                                                                        |               | CE, UL, CSA, TÜV                                                                                                                                                                                   |                      |                      |
| Environment                                                                                                  | Operating     | 41° to 104°F (5° to 40°C), 15-85% RH, non-condensing                                                                                                                                               |                      |                      |
|                                                                                                              | Storage       | 23° to 140°F (-5° to 60°C), Maximum 90% RH, non-condensing                                                                                                                                         |                      |                      |
|                                                                                                              | EDS           | 8kV                                                                                                                                                                                                |                      |                      |
| Dimensions                                                                                                   |               | 10.4" (265 mm) W x 17.1" (435 mm) D x 13.4" (341 mm) H                                                                                                                                             |                      |                      |
| Weight                                                                                                       |               | 39.7 lbs (18 kg)                                                                                                                                                                                   |                      |                      |
| OPTIONAL FEATURES                                                                                            |               |                                                                                                                                                                                                    |                      |                      |
| Label Cutter, Label Dispenser, External Label Rewinder, Memory Expansion, Real Time Clock, Plug-In Interface |               |                                                                                                                                                                                                    |                      |                      |

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