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**IPSi** 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)
<b>PRINT SPECIFICATIONS</b>				
<b>Printing Method</b>		Thermal Transfer/ Direct Thermal		
<b>Print Resolution</b>		203 dpi (8 dots/mm)	305 dpi (12 dots/mm)	609 dpi (24 dots/mm)
<b>Printing Speed</b>		10 ips (254 mm/sec)	8 ips (200 mm/sec)	6 ips (150 mm/sec)
<b>Print Area</b>	<b>Max Width</b>	4.1" (104 mm)		
	<b>Max Length</b>	49.2" (1249 mm)	32.8" (833 mm)	14" (356 mm)
	<b>Min Length</b>	0.24" (6 mm) - continuous / 0.63" (16 mm) - tear off / 1.18" (30 mm) - cutter/dispenser		
<b>MEDIA SPECIFICATIONS</b>				
<b>Sensor Type</b>		Adjustable transmissive sensor for gap, Reflective sensor for black mark, Automatic, programmable top of form, Label present sensor (opt. w/dispenser), Ribbon-out sensor		
<b>Media Type</b>		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.		
<b>Media Width</b>		Maximum 5" (128 mm) / Minimum 0.87" (22 mm)		
<b>Media Specs</b>	<b>Caliper</b>	Maximum 0.01" (0.25 mm)		
	<b>Roll Diameter</b>	Maximum 8.6" (218 mm)		
	<b>Wind</b>	Face In		
<b>Maximum Ribbon Size</b>		4.4" (111 mm) W x 1475' (450 m) L - Face In		
<b>MEMORY/PROCESSING</b>				
<b>Standard</b>		16 MB RAM, 2 MB Flash		
<b>Optional</b>		4 MB Flash, 1 MB or 256 K PCMCIA		
<b>Processor</b>		32-BIT RISC		
<b>COMMUNICATION INTERFACES</b>				
<b>Plug-in Interface</b>		Serial - RS232 (up to 57.6k bps), Parallel - IEEE1284 (ECP), Ethernet - 10/100BaseT, Twinax/Coax, RS422/485, USB (Factory Installed)		
<b>FONT/BARCODE SYMBOLOGIES</b>				
<b>Fonts</b>		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		
<b>Barcodes</b>	<b>Linear</b>	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™		
	<b>2-D</b>	PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology		
<b>Formatting</b>		360° rotation of barcodes and text, horizontal and vertical character expansion, sequential numbering and form overlay for high-speed editing of complex formats		
<b>SUPPORT</b>				
<b>Graphic</b>		Printing and storage of *.PCX, *.BMP format, SATO Hex/binary		
<b>Software</b>		Windows® Drivers, Label Software		
<b>OPERATING &amp; ENVIRONMENTAL</b>				
<b>Electrical Requirements</b>		115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required		
<b>Agency Certifications</b>		CE, UL, CSA, TÜV		
<b>Environment</b>	<b>Operating</b>	41° to 104°F (5° to 40°C), 15-85% RH, non-condensing		
	<b>Storage</b>	23° to 140°F (-5° to 60°C), Maximum 90% RH, non-condensing		
	<b>EDS</b>	8kV		
<b>Dimensions</b>		10.4" (265 mm) W x 17.1" (435 mm) D x 13.4" (341 mm) H		
<b>Weight</b>		39.7 lbs (18 kg)		
<b>OPTIONAL FEATURES</b>				
Label Cutter, Label Dispenser, External Label Rewinder, Memory Expansion, Real Time Clock, Plug-In Interface				

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