



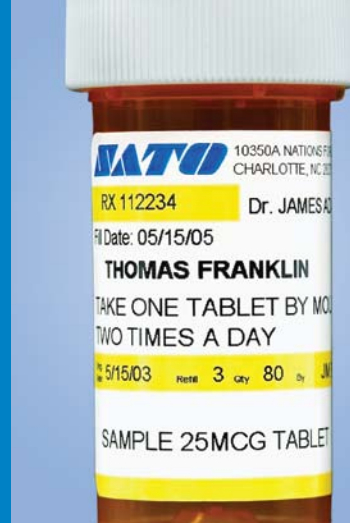
# D500 Series

## Compact Thermal Wristband & Label Printer

SATO's D500 Series of printers are the "best in breed" for your thermal printing of wristbands and labels. Its small, compact design makes it a clear winning alternative to many other thermal printers. Small, yet robust, the D500 Series will consistently provide you quality printing whenever you need, wherever you need.

By design the D500 printers are quiet enough to be placed in the most sensitive of areas. A product designed for high-quality, high performance, demanding applications in Healthcare and Life Sciences.

Our solution helps you meet the demanding requirements of the FDA, AHA, HIPAA and JCAHO guidelines for patient identification wristbands and labels.



### Compact Design

Using less than 25% of the counter space now dedicated to card embossers.

### Quiet Operation

So quiet these printers may be used by any department, on any floor, anywhere, or at anytime.

### High Capacity

Prints a roll of 500 wristbands, or thousands of labels before reloading.

### EZ Loading

Its high lift printhead and drop in consumable design makes loading EASY and FAST!

### Very Affordable

Its thermal printing at its best! No need for expensive toner or color ink cartridges, wasted labels or other costly consumables!



# General Specifications

## D508/512

PRINTER MODEL		D508	D512
<b>PRINT SPECIFICATIONS</b>			
Print Method		Direct Thermal	
Print Resolution		203 dpi (8 dot/mm)	305 dpi (12 dot/mm)
Print Speed		6 ips (150 mm/second)	4 ips (100 mm/second)
Max. Print Area		4.1" (104 mm) W x 15.7" (400 mm) L	
<b>MEDIA SPECIFICATIONS</b>			
Sensor Type		Reflective Sensor (for use with pre-printed I-marks) See-Through Sensor (for die-cut label with gap) Sensor not used - Continuous	
Media Type		Roll and Fanfold	
Media Size	Width	1.1" (28 mm) - 4.65" (118 mm)	
	Length (Continuous)	0.71" (18 mm) - 15.75" (400 mm)	
	Length (Tear Off)	0.71" (18 mm) - 15.75" (400 mm)	
	Length (Cutter - opt.)	1.1" (23 mm) - 15.75" (400 mm)	
	Thickness	0.002" (0.06 mm) - 0.007" (0.19 mm)	
	Roll Specs	4.33" (110 mm) Outer Diameter; 1.5" (40 mm) Inner Diameter	
	Wind Orientation	Face-out	
<b>FONT / SYMBOLOGIES</b>			
Printer Command Language		SATO and PCL5e Subset	
SATO Printer Command Language (for 203 dpi and 305 dpi)	Font	U, S, M, WB, XS, XU, XM, XB, XL, OUTLINE, OCR-A, OCR-B, WL, CG Times, CG Triumvirate	
	Linear Barcode	UPC-A, UPC-E, EAN-8, EAN13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet, UCC/EAN 128, RSS Composite Code	
	2-D Barcode	PDF417, Micro PDF417, Truncated PDF417, Maxicode, Data Matrix, QR Code	
PCL5e Subset (Optional for 305 dpi only)	Font	CG Triumvirate Bold Condensed Bold, Univers Medium, Univers Bold, Courier Regular, OCR-A, OCR-B, Roman Pillar Regular, Roman Pillar Bold, Roman Pillar Italic, Roman Pillar Bold Italic (supports Universal Font Scaling Technology Ver.4.1)	
	Linear Barcode	UPC-A, UPC-E, EAN-8, EAN13, Code 39, Code 93, Code 128, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet, UCC/EAN 128	
	2-D Barcode	PDF417, Maxicode	
<b>COMMUNICATION INTERFACE</b>			
Interface Options		USB, IEEE1284, Serial RS232 (up to 57.6k bps), Ethernet - 10/100BaseT (internal), Wi-Fi - 802.11b/g (internal)	
<b>OPERATING CHARACTERISTICS</b>			
Power Requirements		100-120V, 50/60 Hz	
Environment	Operating	32° to 95°F (0° to 35°C), 30-80% RH, non-condensing	
	Storage	23° to 140°F (-5° to 60°C), 30-90% RH, non-condensing	
Dimension		7.8" (198 mm) W x 9.1" (230 mm) D x 6.6" (167 mm) H	
Weight		5.5 lbs (2.5 Kg) excluding AC adaptor	
<b>OPTIONS</b>			
Label Cutter (factory installed), Label Gallery Software, optional 110-220V Auto-Switching Power Supply			

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