



**TH2** 203 dpi



Mobile Thermal Printer | Specialty Series



**Portable, Intuitive Stand-Alone. Big on Function, Small in Size.**

### ***Streamlined Features***

- One-Touch Printing
- Self-contained printing solution
- Compact, Portable & Battery Operated
- Stores up to 30,000 Product Records
- Real-time Calendar for Date & Time Stamp
- Easy Label Design & Setup
- Large, Adjustable Backlit LCD Display
- Easy file transfer & Update of Product Lists
- Supports 2D Barcode Printing
- Multiple Interface – USB/LAN
- Multiple Language Printing & Display
- Antimicrobial Casing

### ***Industry Verticals***

- Hospitality & Commercial Services
- Retail

### ***Industry Applications***

- Price Marking & Price Markdown
- Shelf Labeling
- Parking Tickets & Receipts
- Small Goods Labeling  
(e.g. Cosmetics & Jewelry)
- Stock Control
- Item Identification
- Incoming Goods Labeling



# GENERAL SPECIFICATIONS

TH2

<b>PRINTER MODEL</b>		<b>TH2</b>
<b>PRINT SPECIFICATIONS</b>		
<b>Printing Method</b>		Direct Thermal
<b>Print Resolution</b>		203 dpi (8 dots/mm)
<b>Maximum Printing Speed</b>		4 ips (100 mm/sec)
<b>Maximum Print Area</b>		2.2" (56mm) W x 6.14" (156mm) L
<b>MEDIA SPECIFICATIONS</b>		
<b>Sensor Type</b>		I-Mark Sensor, Label Gap Sensor
<b>Media Type</b>		Roll-fed, die-cut or continuous direct thermal labels, synthetics, and tag stock with or without black mark or gap. Linerless labels with linerless printer option
<b>Media Size</b>	<b>Continuous, Cutter, Tear-Off</b>	L: 0.9" to 6.1" (16 to 156mm), With backing paper: 0.7" to 6.2" (19 to 159mm) W: 0.9" to 2.3" (25 to 60mm), With backing paper: 1.1" to 2.4" (28 to 63mm)
	<b>Dispenser</b>	L: 0.6" to 4.6" (16 to 117mm), With backing paper: 0.6" to 4.7" (16 to 120mm) W: 0.9" to 2.3" (25 to 60mm), With backing paper: 1.1" to 2.4" (28 to 63mm)
	<b>Linerless</b>	Without cutter: L: 1" to 3.9" (25.4 to 100mm), W: 1.1" to 2.3" (28 to 60mm) With cutter: L: 1.7" to 3.9" (45 to 100mm), W: 1.1" to 2.3" (28 to 60mm)
<b>Media Specs</b>	<b>Media Roll</b>	Maximum external diameter: 2.9" (75mm), Paper core internal diameter: 1" (26mm)
	<b>Label Thickness</b>	0.005" (0.14 mm) – 0.007" (0.19mm)
	<b>Wind Direction</b>	Face In or Face Out
<b>MEMORY/PROCESSING</b>		
<b>Main Memory</b>		12MB Flash ROM, 8 MB SDRAM
<b>CPU</b>		32 bit RISC-CPU
<b>COMMUNICATION INTERFACES</b>		
<b>Standard Interface</b>		USB (Full speed) / USB + LAN
<b>FONT/BARCODE SYMBOLOGIES</b>		
<b>Internal Fonts</b>	<b>Bitmap</b>	M (13×20), S (8×15), U+XU (5×9) - Alphanumeric, Symbols; X1 (20×50) - Alphanumeric, Symbols; X2 (8×20) - Alphanumeric, Symbols; X3 (13×21) - Alphanumeric, Symbols; OCR-B (20×24) - Alphanumeric Capital; PRICE Character (16×24) - Number, Period, Currency Mark; POP1 (28×48) - Number, Currency Mark, Comma; POP2 (48×68) - Number, Currency Mark, Comma; POP3 (26×56) - Number, Currency Mark, Comma; Support subscript (e.g. the 2 in H <sub>2</sub> O) (Numbers Only) X1, X2, X3
	<b>Rasterized</b>	SATO Sans, SATO Serif
<b>Barcodes</b>	<b>1-D</b>	UPC-A/E, JAN/EAN-8/13, Code 39, Code 128A/B/C, GS1-128 (UCC/EAN128), Codabar (NW-7)
	<b>2-D</b>	QR Code (Including Ver.8.1 Micro QR), Datamatrix
	<b>Character Rotation</b>	Bitmap text and barcodes 0°, 90°, 180°, 270°. True Type text can be rotated at 1° increments
<b>OPERATING CHARACTERISTICS</b>		
<b>Power Consumption</b>		At peak (30% printing ratio): 64.0VA/42.5W, standby: 12.6VA/6.2 W
<b>AC Adapter</b>		Input voltage AC100–240V±10%
<b>Environment</b>	<b>Operating</b>	32 to 104°F (0 to 40°C) / 30~80% RH (without condensation)
	<b>Storage</b>	23 to 140°F (-5~60°C) / 30-90% RH (without condensation)
<b>Regulatory</b>		USA / Canada: FCC15B Class B, Europe: CE (EN55022, EN55024), Singapore: IDA. China: GB9254-1998 GB17625.1 (2003), Korea: KN22, KN24
<b>Dimensions</b>		5.19" (132mm) W x 7.64" (194mm) D x 5.79" (147mm) H
<b>Weight</b>		3.78 lbs (1.7 kg)
<b>Antibacterial Finishing</b>		Resin of the enclosure/control panel includes an antibacterial substance tested according to JIS Z 2801
<b>OTHER</b>		
<b>Optional Accessories</b>		Cutter, Barcode scanner, Battery, Battery charger, Linerless

**SATO AMERICA, INC.**  
**CORPORATE**  
 10350-A Nations Ford Rd  
 Charlotte, NC 28273  
 Phone: (704) 644-1650  
 Fax: (704) 644-1662  
 satoamerica.com

**LABEL MANUFACTURING, SERVICE & SALES**  
 UNITED STATES MEXICO CENTRAL AMERICA  
 CANADA CARIBBEAN