



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

PRINTER MODEL		TH2
PRINT SPECIFICATIONS		
Printing Method		Direct Thermal
Print Resolution		203 dpi (8 dots/mm)
Maximum Printing Speed		4 ips (100 mm/sec)
Maximum Print Area		2.2" (56mm) W x 6.14" (156mm) L
MEDIA SPECIFICATIONS		
Sensor Type		I-Mark Sensor, Label Gap Sensor
Media Type		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
Media Size	Continuous, Cutter, Tear-Off	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)
	Dispenser	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)
	Linerless	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)
Media Specs	Media Roll	Maximum external diameter: 2.9" (75mm), Paper core internal diameter: 1" (26mm)
	Label Thickness	0.005" (0.14 mm) – 0.007" (0.19mm)
	Wind Direction	Face In or Face Out
MEMORY/PROCESSING		
Main Memory		12MB Flash ROM, 8 MB SDRAM
CPU		32 bit RISC-CPU
COMMUNICATION INTERFACES		
Standard Interface		USB (Full speed) / USB + LAN
FONT/BARCODE SYMBOLOGIES		
Internal Fonts	Bitmap	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 ₂ O) (Numbers Only) X1, X2, X3
	Rasterized	SATO Sans, SATO Serif
Barcodes	1-D	UPC-A/E, JAN/EAN-8/13, Code 39, Code 128A/B/C, GS1-128 (UCC/EAN128), Codabar (NW-7)
	2-D	QR Code (Including Ver.8.1 Micro QR), Datamatrix
	Character Rotation	Bitmap text and barcodes 0°, 90°, 180°, 270°. True Type text can be rotated at 1° increments
OPERATING CHARACTERISTICS		
Power Consumption		At peak (30% printing ratio): 64.0VA/42.5W, standby: 12.6VA/6.2 W
AC Adapter		Input voltage AC100–240V±10%
Environment	Operating	32 to 104°F (0 to 40°C) / 30~80% RH (without condensation)
	Storage	23 to 140°F (-5~60°C) / 30-90% RH (without condensation)
Regulatory		USA / Canada: FCC15B Class B, Europe: CE (EN55022, EN55024), Singapore: IDA. China: GB9254-1998 GB17625.1 (2003), Korea: KN22, KN24
Dimensions		5.19" (132mm) W x 7.64" (194mm) D x 5.79" (147mm) H
Weight		3.78 lbs (1.7 kg)
Antibacterial Finishing		Resin of the enclosure/control panel includes an antibacterial substance tested according to JIS Z 2801
OTHER		
Optional Accessories		Cutter, Barcode scanner, Battery, Battery charger, Linerless

**SATO AMERICA
CORPORATE**

10350-A Nations Ford Rd
Charlotte, NC 28273
Phone: (704) 644-1650
Fax: (704) 644-1662
sales-sallc@sato-global.com

LABEL MANUFACTURING, SERVICE & SALES

UNITED STATES MEXICO CENTRAL AMERICA
CANADA CARIBBEAN