

Big on functions small in size

*Portable,
Intuitive
Standalone*



TH2

INDUSTRY VERTICALS

- Hospitality & Commercial Services
- Retail

APPLICATIONS

- Price marking & price markdown
- Shelf labeling
- Parking Tickets/ Receipts
- Small goods labeling (E.g. Cosmetics, Jewelry)
- Stock control
- Item identification
- Incoming goods labeling

FEATURES

- Self-contained printing solution
- Compact, portable, battery operated printer
- AEP programming interface for easy label design and setup
- Real time calendar for date coded labeling
- Wide and adjustable LCD screen display
- Easy file transfer/ update of product lists
- Supports 2D barcode printing
- Multiple Interface – USB/ LAN
- Supports multiple language printing & display
- Linerless option

ACCESSORIES



Cutter Option

Cuts and separates each label from another for easy application



Linerless Option

No backing/liner waste and more labels per roll



One-Touch Printing

Download product lists into the printer and print at ease with the touch of a button.

Store 30,000 Product Records

Store up to 30,000 product records in the TH2

Standalone Printing System

Built-in keypad, no need for PC

Date & Time Stamp

Real-Time-Calendar for automatic date and time stamp labeling

Intuitive Operation

Specially designed alphanumeric keypad; large, adjustable backlit LCD for easy scrolling through menu

High Resolution Printing

Prints text, graphics, linear and 2D barcodes

Anti-Microbial Casing

Ideal for clean environments where hygiene control and contamination prevention is vital

PRINTING SPECIFICATIONS		TH2
Print Method		Direct Thermal
Print Resolution		203dpi (8 dots/mm)
Max Print Speed		4ips (100 mm/sec)
Max 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 size	Max 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/Face-out
MEMORY/PROCESSING		
Main Memory		Main memory (Flash ROM): 12MB, 8 MB SDRAM
CPU		32bit RISC-CPU
COMMUNICATION INTERFACES		
Standard Interface		USB (Full speed) / USB + LAN
FONTS/BARCODE SYMBOLOGIES		
Internal Fonts	Bitmap fonts	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 fonts	SATO Sans, SATO Serif
Barcodes	1D Barcode	UPC-A/E, JAN/EAN-8/13, Code 39, Code 128A/B/C, GS1-128 (UCC/EAN128), Codabar (NW-7),
	2D Barcode	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 & ENVIRONMENTAL		
Power Consumption		At peak (30% printing ratio): 64.0VA/42.5W, standby: 12.6VA/6.2 W
AC adaptor		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)
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 anti-bacterial substance tested according to JIS Z 2801: Product test for
Regulatory		USA / Canada: FCC15B Class B, Europe: CE (EN55022, EN55024), Singapore: IDA. China: GB9254-1998 GB17625.1 (2003), Korea: KN22, KN24
ACCESSORIES & OPTIONS		
Options		Cutter, Barcode scanner, Battery, Battery charger, Linerless

SATO America, Inc.

Main Office

10350-A Nations Ford Road
Charlotte, NC 28273
Phone: (704) 644-1650
Fax: (704) 644-1662
satosales@satoamerica.com

Romeoville Office

1140 Windham Parkway
Romeoville, IL 60446
Phone: (630) 771-4200
Fax: (630) 771-4210
retail@satoamerica.com

©2012 SATO America, Inc. All rights Reserved. Rev D
• Specifications subject to change without notice • Any unauthorized reproduction of the contents of this content, in part or whole, is strictly prohibited • SATO is a registered trademark of SATO Corporation and its subsidiaries in Japan, the U.S. and other countries. All other trademarks are the property of their respective owners.