DCS & Labelling Worldwide



TH2

PORTABLE, STANDALONE, FEATURE-RICH

FEATURES

- Portable, Battery Operated
- Real-Time Calendar for Date Coded Labelling
- Wide and Adjustable LCD Screen Display
- Easy File Transfer / Update of Product Lists
- Multiple Language Printing and Display
- Supports 2D Barcode Printing
- Multiple Interface – USB / LAN
- Compact

APPLICATIONS

- Retail
- Fast food restaurants
- Full service restaurants

TECHNICAL INFORMATION

TH2

PRINTING SPECIFICATION			TH2
Printing Method			Direct thermal
Print Resolution, dots/mm (dpi)			8 dots/mm (203dpi)
Max. Print Area		Width, mm (inch)	56mm (2.2")
		Length, mm (inch)	156mm (6.14")
Print Speed, mm/sec (ips)			Up to 100mm/sec (4ips)
CPU			32 bit RISC
Printer Body Memory			Main Memory (Flash ROM): 12MB, 8MB SDRAM, External memory SD
LCD screen			Graphical display 128 x 64 pixels. Adjustable angle and backlight intensity 5 lines by 16 characters. 2 columns used for icons

CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)			
Sensor Type			I-Mark Sensor, Label Gap Sensor
Media Type			Roll or fan-fold die cut labels, Plain paper face stock, Linerless labels, Synthetics and Continuous stock
Media Size	Label Size	Continuous	L: 16 – 156mm (0.6" – 6.1"), With backing paper: 19 – 159mm (0.7" – 6.2") W: 25 – 60mm (0.9" – 2.3"), With backing paper: 28 – 63mm (1.1" – 2.4")
		Cutter	L: 16 – 156mm (0.6" – 6.1"), With backing paper: 19 – 159mm (0.7" – 6.2") W: 25 – 60mm (0.9" – 2.3"), With backing paper: 28 – 63mm (1.1" – 2.4")
		Tear-Off	L: 16 – 156mm (0.6" – 6.1"), With backing paper: 19 – 159mm (0.7" – 6.2") W: 25 – 60mm (0.9" – 2.3"), With backing paper: 28 – 63mm (1.1" – 2.4")
		Dispenser	L: 16 – 117mm (0.6" – 4.6"), With backing paper: 19 – 120mm (0.7" – 4.7") W: 25 – 60mm (0.9" – 2.3"), With backing paper: 28 – 63mm (1.1" – 2.4")
	Media Roll Size		Max. outside diameter: Ø 75mm (2.9"), Paper core internal diameter: Ø 26mm (1.0")

FONTS / SYMBOLOGIES		
Standard Fonts	Bitmap Fonts	M 13×20, S 8×15, U+XU 5×9, X1 20×50, X2 8×20, X3 13×21, OCR-B 20×24 (Alphanumeric Capital), PRICE Character 16×24 (Number, Period, Currency Mark), POP1 28×48, POP2 48×68, POP3 26×56 (Number, Currency Mark, Comma), Supports subscript (e.g. the 2 in H_2O) (Numbers Only) X1, X2, X3
	TrueType Fonts	SATO Sans, SATO Serif
Barcode	1D Barcode	UPC-A/E, JAN/EAN-8/13, Code 39, Code 128, GS1-128 (UCC/EAN128), Codabar (NW–7), Interleaved 2 of 5, Bookland (2/5 char add-on code), GS1 DataBar (RSS14), Composite JAN/EAN-8/13; Composite UPC A/E; Composite GS1 128/CC
	2D Barcode	QR Code (Including Ver.8.1 Micro QR), Datamatrix
Print Rotation		Character data/Barcode rotation: 0°, 90°, 180°, 270° and TrueType fonts: 0° – 360°

COMMUNICATION INTERFACE	
Interface	Standard USB Version 2.0 Compliance (Full speed). Communication Class Device ("COM"-port), Scanner Terminal Keyboard/supported PS.2, SD Memory Card, LAN*
Command	Lua version 5.1 pre-loaded Lua Standard API (SATO proprietary) version 1.0

OPERATING CHARACTERISTICS		
Power Requirements		Input voltage adapter AC100-240V (auto switching)/42,5W (peak) – Input voltage printer: 19V, 3A
Consumption Voltage		At peak (30% printing ratio): 64.0VA / 42.5W, standby: 12.6VA/6.2 W
Environment	Operating	0 – 40°C / 30 – 80% RH (without condensation)
	Storage	Storage Environment: -5 – 60°C / 30 – 90% RH (without condensation)
Dimension		(W x D x H): 132 x 194 x 147mm (5.19" x 7.64" x 5.79")
Weight		1.7kg (3.78lbs)

MISCELLANEOUS	
Certification	FCC, UL, CSA, KCC, CCC, CE, ROHS compliant
Antibacterial Finishing	Certified by external body (JNLA authentication test) on JIS Z 2801 anti-bacterial products - anti-bacterial test method / effect, with material level by manufacturer of anti-bacterial agent

OPTIONS	
Accessories	Dispenser (standard), Battery, Battery Charger, Keypad Cover Protector against Liquid, Wall Mounting Kit

* LAN interface available in TH2 USB + LAN model.

SATO makes no guarantee that the above features are available in all models, and specifications are liable to change, without notice. Version 09/10. * Measurements are approximate values.

Solutions for Automatic Identification, Barcodes and Mobility

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Label printers



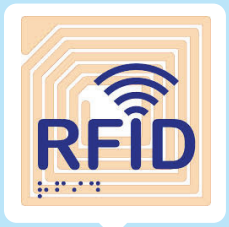
Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

All Brands Technical Service

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