



CT4i

COMPACT AND VERSATILE

FEATURES

- /// Label and Wristband Printing
- /// High Speed Printing
- /// Printing Resolution of 203 / 305 / 609 dpi
- /// Anti-microbial Casing
- /// Small, Compact, High Throughput Design
- /// Easy Media Loading and Maintenance
- /// Wireless Connectivity
- /// RFID Ready

APPLICATIONS

- /// Healthcare
- /// General Office
- /// Government
- /// Library
- /// Retail
- /// Transportation and Logistics
- /// Entertainment

CT408i / CT412i / CT424i

PRINTING SPECIFICATION		CT408i	CT412i	CT424i
Printing Method		Direct Thermal, Thermal Transfer		
Print Resolution, dots/mm (dpi)		8dots/mm (203dpi)	12dots/mm (305dpi)	24dots/mm (609dpi)
Max. Print Area	Width, mm (inch)	104mm (4.1")		
	Length, mm (inch)	400mm (15.7")		
Print Speed, mm/sec (ips)		Up to 150mm/sec (6ips)	Up to 102mm/sec (4ips)	Up to 76mm/sec (3ips)
CPU		32 bit RISC		

CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)

Sensor Type		I-Mark Sensor (Reflective), Label Gap Sensor (Transmissive)		
Media Type		Roll or fan-fold die cut labels, Plain paper face stock, Linerless labels, Synthetics and Continuous stock		
Media Thickness		0.08 – 0.19mm (0.003" – 0.007")		
Label Shape	Diameter	Max. outside diameter: Ø 110mm (4.33"), Core diameter: Ø 38.1mm (1.5")		
	Wind Direction	Face-out		
Label Size	Continuous	Width	25 – 115mm (0.98" – 4.53")	
		Length	15 – 397mm (0.59" – 15.6")	
	Tear-Off	Width	25 – 115mm (0.98" – 4.53")	
		Length	15 – 397mm (0.59" – 15.6")	
	Cutter	Width	25 – 115mm (0.98" – 4.53")	
		Length	15 – 397mm (0.59" – 15.6")	
	Dispenser	Width	25 – 115mm (0.98" – 4.53")	
		Length	15 – 397mm (0.59" – 15.6")	
Ribbon	Size	Width: 45mm (1.77") to 111mm (4.37") Max. Length: 100m (328')		
	Core Diameter	Ø 12.7mm (0.5")		
	Wind Direction	Face-out		

FONTS / SYMBOLOGIES

Fonts	Standard Fonts	Bitmap Fonts Alphanumerical and Symbol: WB (18x30 dot), WL (28x52 dot), XU (5x9 dot), XS (17x17 dot), XM (24x24 dot), XB (48x48 dot), XL (48x48 dot), OCR-A (15x22 dot), OCR-A (22x23 dot), OCR-B (20x24 dot), OCR-B (30x36 dot)		
	Rasterized Fonts	CG Times, CG Triumvirate		
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	PDF417 (Ver2.4), MAXI Code (Ver3.0), QR Code, GS1 Data Matrix (ECC200)		
Print Rotation	Character Data / Barcode	0°, 90°, 180°, 270°		

INTERFACE CHARACTERISTICS

Standard Memory		Flash memory 4MB, SDRAM 16MB		
Interface	Standard	Type 1: USB2.0 + RS232C; Type 2: USB2.0 + LAN		
	Option (Type 1 only)	Wireless LAN 802.11b/g, Bluetooth, IEEE1284 Parallel		

OPERATING CHARACTERISTICS

Power Requirements		Input voltage AC100-240V (auto switching)/90W (peak) – Input voltage printer: 25V/2A		
Dimensions		(W x D x H): 198 x 225 x 181mm (7.8" x 8.9" x 7.1")		
Weight		3.0kg (6.6lbs) (excluding AC-Adapter)		
Environment	Operating	5 – 35°C / 30 – 80% RH (without condensation)		
	Storage	-5 – 60°C / 30 – 90% RH (without condensation)		

MISCELLANEOUS

Certifications		FCC, UL, CSA, CCC, CE, ROHS compliant		
Regulatory		Noise: Emission – FCC, EN55022 Class B, Safety: CE, C-UL, TUV, CCC, MIC, HF: EN61000-3-2		
Safety Standards		UL, CSA, CCC, CE, FCC Class B, MIC, TÜV, Printer complies to European Directive 2002/95/EC (RoHS)		
Antibacterial Finishing		Resin of the enclosure / control panel includes an antibacterial substance. This substance is tested according to JISZ2801: Antimicrobial products - discourage the growth of bacteria and micro-organisms		

OPTIONS

Accessories		Cutter, Dispenser, Linerless, RFID HF 13,56 Mhz, Smart Keyboard, Unwinder, Rewinder, SATO Label Gallery™		
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RFID SPECIFICATION (optional)

HF	Standard	ISO/IEC 15693		
	Frequency	13,56MHz		
	Transponder	NXP	I-code SLI	112 bytes
		TI	Tag-it HF-I	256 bytes
		Infineon	My-d	992 bytes
RFID Features		Fully integrated HF RFID Reader / Encoder Module, Void marking of damaged or unreadable transponders, RFID data verification after programming, UID reading and printing as text and barcode		