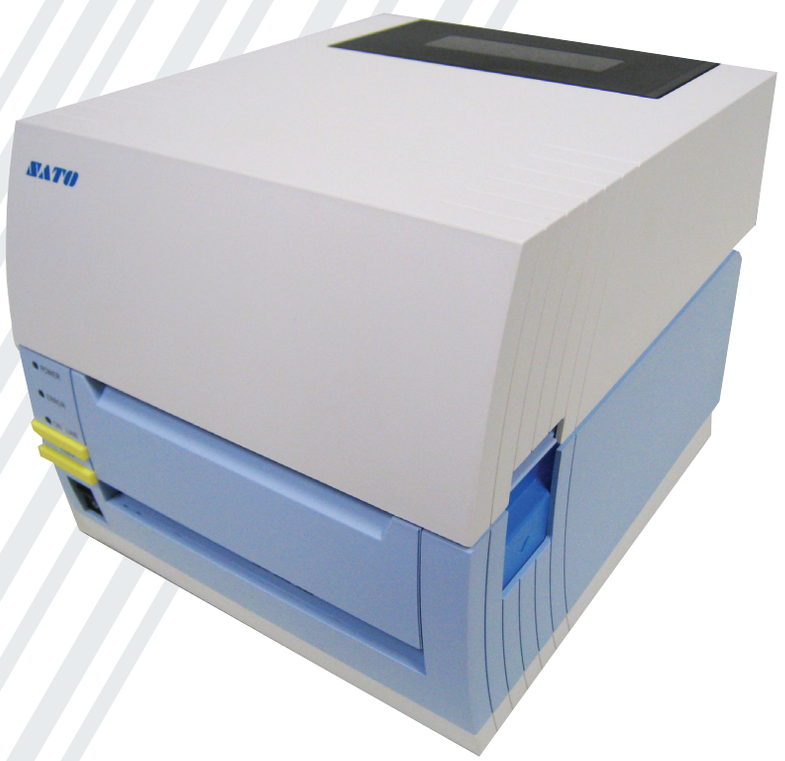
SATO Ceaseless Creativity for a Sustainable World



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

TECHNICAL INFORMATION

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, NiceLabel

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	