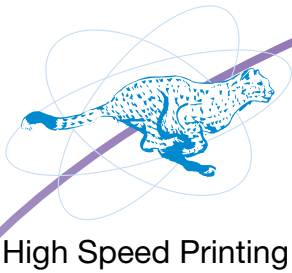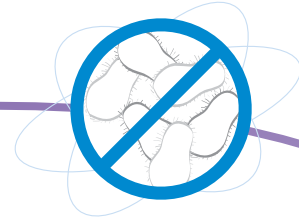# CT408i / CT412i / CT424i

Compact sized high performance label & wristband printer

High Speed Printing

Printing resolution of 203/305/600 dpi

Antimicrobial casing

Small, compact, high throughput design

Easy media loading & maintenance

W-LAN IEEE 802.11

Bluetooth®

Wireless connectivity

CT408i / CT412i / CT424i
General Specifications

PRINTING SPECIFICATION		CT408i	CT412i	CT424i
Printing Method		Direct Thermal; Thermal Transfer		
Print Resolution, dpi (dots/mm)		203dpi (8dots/mm)	305dpi (12dots/mm)	600dpi (23,6dots/mm)
Max. Print Area	Width	104 mm (4.1")		
	Length	400 mm (15.7")		
Print Speed, mm/sec (ips)*		150mm/sec (6ips)	102mm/sec (4ips)	76mm/sec (3ips)

CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)		
Sensor Type		Transmissive sensor for gap, Reflective sensor for I-mark
Media Type		Roll paper (Outside wound!) & Fanfold media (max. stack height: 100mm)
Media Size	Width, mm	25 to 115mm
	Length, mm	15 to 397mm
	Thickness, mm	0.08 to 0.19 mm
Media Roll Size	Max. External Diameter, mm*	Ø 110mm
	Inner Diameter, mm*	Ø 40mm
Carbon Ribbon	Wound	Face out
	Max Length	100m
	Roll Core Diameter	12.7 mm (0.5")

FONT / SYMBOLOGIES				
Internal Fonts		XU 5x9 dots, XS 17x17 dots, XM 24x24 dots, XB 48x48 dots, XL 48x48 dots		
		OCR-A 15x22 dots OCR-B 20x24 dots	OCR-A 22x33 dots OCR-B 30x36 dots	OCR-A 44x46 dots OCR-B 60x72 dots
Barcodes	1D Barcode	UPC-A/E, EAN, CODABAR, CODE 39, CODE 93, CODE 128, UCC/EAN 128, Inter-leaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, MSI, Postnet, Bookland, EAN/UCC symbol		
	2D Barcode	QRCode, PDF 417, MaxiCode, Data Matrix		
	Character Rotation	0°, 90°, 180°, 270° rotation		

COMMUNICATION INTERFACES		
Processor		32 bit RISC
Standard memory		Flash memory 4MB, SDRAM 16MB
Interface	Standard	Type 1: USB2.0 + RS232C; Type 2: USB2.0 + LAN
	Option (Type 1 only)	WLAN (802.11g); Bluetooth (Ver.1.1;Class 2); Parallel IEEE 1284

OPERATING CHARACTERISTICS		
Power Requirements		100-240V AC; 50-60 Hz
Power Consumption		90W (at 100V AC)
Environment	Operating	5 to 35ºC / 30 to 80% RH (with no condensation)
	Storage	-5 to 60ºC / 30 to 90% RH (with no condensation)
Dimension		198x225x181mm
Weight		3.0kg (excluding AC-Adapter)
Antibacterial Finishing		Conforms to JISZ2801
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)

ACCESSORIES & OPTIONS
Cutter, Dispenser, RFID, Smart Keyboard, Unwinder, Rewinder

SATO makes no guarantee that the above features are available in all models, and specifications are liable to change, without notice. Version 09/07.

* Measurements are approximate values

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info@be.satoeurope.com • www.satoeurope.com