Ceaseless Creativity for a Sustainable World



CG4

UNRIVALLED PERFORMANCE, CONVENIENCE AND VERSATILITY

FEATURES

- User Friendly Operation and Maintenance
- Printing Resolution of 203 / 305 dpi
- Real-time Clock
- Prints 4 inch Labels, Receipts and Tags

APPLICATIONS

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

TECHNICAL INFORMATION

CG408 / CG412

PRINTING SPECIFICATION			CG408	CG412
Printing Method			Direct Thermal, Thermal Transfer	
Print Resolution, dots/mm (dpi)			8 dots/mm (203dpi)	12 dots/mm (305dpi)
Max. Print Area	Width, mm (inch)		105mm (4.13")	
	Length, mm (inch)		300mm (11.81")	
Print Speed, mm/sec (ips)			Up to 100mm/sec (4ips)	
CPU			32 bit RISC	
Printer Body Memory			Main Memory (Flash ROM): 4MB, RAM: 8 MB	

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			0.06 – 0.19mm (0.002" – 0.0075")
Label Shape	Diameter		Max. outside diameter: Ø 128mm (5.04"), Core diameter: Ø 25.4mm (1") or Ø 38mm (1.5")
	Wind Direction		Face-in/out
Label Size	Continuous	Width	22 – 107mm (0.87" – 4.21")
		Length	7 – 300mm (0.28" – 11.8")
	Tear-Off	Width	22 – 107mm (0.87" – 4.21")
		Length	22 – 300mm (0.87" – 11.8")
	Cutter	Width	22 – 107mm (0.87" – 4.21")
		Length	22 – 300mm (0.87" – 11.8")
	Dispenser	Width	22 – 107mm (0.87" – 4.21")
		Length	22 – 100mm (0.87" – 3.94")
Ribbon	Size		Width: 56mm (2.20") to 110mm (4.33"), 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°

COMMUNICATION INTERFACES	
Interface	USB + RS-232C* model, USB + LAN mode (10/100 BaseT), USB + IEEE1284 model. *RS-232C enables you to connect to PC or SATO Keypad
Command	SBPL (Ver 4.2) SATO Barcode Printer Language

OPERATING CHARACTERISTICS		
Power Requirements		Input voltage AC100-240V (auto switching)/50W (peak) – Input voltage printer: 19V/3A
Consumption Voltage		At Peak: 50W, At Waiting: 2.5W
Environment	Operating	4 – 38ºC / 30 – 80% RH (without condensing)
	Storage	-10 – 60ºC / 15 – 85% RH (without condensing)
Dimension		(W x D x H): 179 x 238 x 173mm (7.05" x 9.37" x 6.81")
Weight		DT: 1.7kg (3.5lbs) TT: 1.9kg (4.2lbs)

MISCELLANEOUS	
Certifications	Cerner Validated, FCC, UL, CSA, CCC, CE, ROHS compliant

OPTIONS	
Accessories	Cutter, Dispenser, Real-Time Clock, Keypad, Unwinder, NiceLabel, Bluetooth (external via serial port), Smart Keyboard

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.