



Economical **Compact** Desktop Printers

*Prints 4" Labels, Receipts,
Wristbands and Tags*



▶ Standalone Capability Using Keypad

- CG4 Keypad allows users to Format, Store, Input & Print without connecting to a PC
- Label formats can be stored, and called on at time of printing

▶ Flexible Use

- Standard communication interfaces include: USB + RS-232C model, USB + LAN model, USB + IEEE 1284 (ECP Compatible)

▶ High Quality Printing

- Suitable for printing small 2D barcodes or patient's photo on wristbands

▶ User-Friendly Operation & Maintenance

- Intuitive label mechanism design allows media loading in 3 simple steps: drop-load-go
- User-friendly maintenance
The one-touch, tool-less print head release mechanism enables the print head to be quickly and easily replaced
Printer platen roller can be replaced without the need for any tools

▶ Safe for Use

- Anti-microbial casing makes it suitable for applications in clean environments such as hospitals

▶ Compatible

- Printer language options enable replacement of competitive printer models with minimal re-programming of data streams

CG4 Series

INDUSTRY VERTICALS

- Healthcare
- Retail
- Transportation & Logistics
- Manufacturing
- Office

APPLICATIONS

- Wristband Printing
- Shelf-edge Labelling
- Product Labelling
- Healthcare Specimen Labelling
- Small Office Mailing
- File Folder Labelling

FEATURES

- Supports Input from Keypad
- 203 or 305dpi Print Resolution
- 4MB Flash Memory
- Thermal Transfer and Direct Thermal
- Anti-Microbial Casing
- Multiple Codepage Support
- Multiple Printer Language-Compatible Options
- Safety Top Cover Latch

General Specifications

CG4



PRINTER MODEL		CG408	CG412	
PRINT SPECIFICATIONS				
Print Method		Direct Thermal/Thermal Transfer		
Print Resolution		8 dots/mm (203dpi)	12 dots/mm (305dpi)	
Max Print Speed		100mm/sec (4ips)		
Printable Area		(WxP): 104 x 300mm		
CPU		32 Bits RISC-CPU 64MHz		
Printer Body Memory		Main Memory (Flash ROM): 4MB, SDRAM: 8MB		
MEDIA SPECIFICATIONS				
Sensor Type		I-Mark Sensor (Reflection type), Label Gap Sensor (Transmissive type)		
Media	Media Thickness		0.06 to 0.19mm (0.0024" to 0.0075") * Does not apply to wristbands	
	Media Shape		Roll stock (Face-in, Face-out) Max outer diameter: 128mm (Paper core: 40mm) Fan fold paper	
	Label Size	Continuous	L: 7 to 300mm, With backing paper: 10 to 303mm W: 22 to 107 mm, With backing paper: 25 to 110 mm	
		Tear-Off	L: 22 to 300mm With backing paper: 25 to 303mm W: 22 to 107 mm With backing paper: 25 to 110 mm	
		Label without Adhesive		
		Continuous	L: 10 to 303mm W: 25 to 110mm	
	Tear-Off	L: 25 to 303mm W: 25 to 110mm		
Ribbon Specifications	Size	Width: 110mm, Max Length: 100m, Max outer diameter: 38mm		
	Rolling Direction	Face-Out		
FONT/SYMBOLOLOGIES				
Standard Fonts	Bitmap Fonts	U, SM, WB, WL, XU, XS, XM, XB, XL, OCR-A (15x22), OCR-B (20x24)	U, SM, WB, WL, XU, XS, XM, XB, XL, OCR-A (22x33), OCR-B (30x36)	
Barcode	1D Barcode	UPC-A/UPC-E, EAN8/13, CODE39, CODE93, CODE128, GS1-128(UCC/EAN128), CODABAR(NW-7), ITF, Industrial 2of5, Matrix 2of5, BOOKLAND, MSI, POSTNET, GS1 DataBar(RSS) *new version of RSS-14		
	2D Barcode	QR code, PDF417(Ver2.4), MAXI code, GS1 DataMatrix (ECC200)		
	Composite Symbols	EAN-13 Composite, EAN-8 Composite, UPC-A Composite, UPC-E Composite, GS1 DataBar Composite, GS1 DataBar Truncated Composite, GS1 DataBar Stacked Composite, GS1 DataBar Stacked Omni-Directional Composite, GS1 DataBar Limited Composite, GS1 DataBar Expanded Composite, GS1 DataBar Expanded Stacked Composite, GS1-128 Composite		
Print Direction		Character: 0°, 90°, 180°, 270° rotation per each data is available Barcode: Parallel 1 (0°), Parallel 2 (180°), Serial 1 (90°), Serial 2 (270°)		
COMMUNICATION INTERFACES				
Interface		USB + RS-232C model, USB + LAN model, USB + IEEE 1284 (ECP Compatible) * RS-232C is able to connect to PC or SATO Keypad.		
Command		SBPL (Ver 4.2) SATO Barcode Printer Language		
OPERATING CHARACTERISTICS				
Power Requirements	AC Adaptor	Input voltage: AC100V-240V±10%, Output voltage: DC19V		
Consumption		At peak: 50W. During standby: 2.5W		
Environment	Operating	4 ~ 38°C / 30 ~ 80% RH (without condensing)		
	Storage	-10 ~ 60°C / 15 ~ 85% RH (without condensing)		
Dimension		(WxDxH): 179 x 238 x 173mm (excluding protrusion portion)		
Weight		TT model (about 1.9kg), DT model (about 1.7kg)		
MISCELLANEOUS				
Regulatory Approvals		USA/CANADA: FCC15B Class B, EUROPE: CE (EN55022, EN55024), CHINA: GB9254-1998, GB17625.1(2003), SINGAPORE: CISPR22, CISPR24, KOREA: KN22, KN24, Other Standard: RoHs compliant, Electrical Power Saving (International Energy Star Programme, at usage of AC Adaptor)		
Antibacterial Finishing		Resin of the enclosure/control panel include an antibacterial substance. This substance is tested according to JISZ2801: Antimicrobial products - test for antimicrobial activity and efficacy.		
OPTIONS				
Cutter, Dispenser, Keypad, Unwinder, SATO Label Gallery™				

Contact

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