

Affordable **Compact** Desktop Printers for Unrivalled Performance, Convenience & Versatility

Prints 4" Labels, Receipts,
Wristbands and Tags



CG4 Series

INDUSTRY VERTICALS

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

APPLICATIONS

- Carton / Package Labelling
- Small Office Mailing
- Shelf-edge labelling
- Product Labelling
- Healthcare Specimen Labelling
- File Folder Labelling

FEATURES

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

ACCESSORIES



Keypad

- Graphical LCD display
- Alphanumeric and one-touch function keys
- SD card supported
- Enables stand-alone printing (eliminates need to connect to a PC)



Dispenser

- Simplifies separation of labels from a backing paper for immediate label application



Cutter

- Precisely cut individual labels and tags
- Allows continuous printing and cutting of labels and tags

- ▶ **Standalone Capability Using Keypad**
 - SATO Keypad allows users to Format, Store, Input & Print without connecting to PC
 - Label formats can be stored, and called on at time of printing
- ▶ **Flexible Use & Compatibility With Legacy Systems**
 - 2 Standard Communication Interface configurations: USB and RS232C; or USB and LAN; or USB and Parallel
 - Parallel port allows printer to be connected to legacy systems
- ▶ **High Quality Printing**
 - Suitable for printing graphics and logos, 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
- ▶ **Print Labels with Date/Time Stamps Using Real-Time Clock Feature**
- ▶ **Compatible**
 - Printer language options enables replacement of competitive printer models with minimal reprogramming of data streams

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)	
Max. Print Area	(WxP): 104 x 300mm (4.09" x 11.81")	
CPU	32 Bits RISC-CPU 64MHz	
Printer Body Memory	Main Memory (Flash ROM): 4MB byte, SDRAM: 8MB byte	

MEDIA SPECIFICATIONS

Sensor Type			I-Mark Sensor (Reflection type), Label Gap Sensor (Transparent type)
Media	Label Size	Continuous	L: 7 ~ 300mm (0.28" ~ 11.81"), With backing paper: 10 ~ 303mm (0.39" ~ 11.93") W: 22 ~ 107mm (0.87" ~ 4.21"), With backing paper: 25 ~ 110mm (0.98" ~ 4.33")
		Tear-Off	L: 22 ~ 300mm (0.87" ~ 11.81"), With backing paper: 25 ~ 303mm (0.98" ~ 11.93") W: 22 ~ 107mm (0.87" ~ 4.21"), With backing paper: 25 ~ 110mm (0.98" ~ 4.33")
		Label without Adhesive	
		Continuous	L: 10 ~ 303mm (0.39" x 11.93"), W: 25 ~ 110mm (0.98" x 4.33")
	Tear-Off	L: 25 ~ 303mm (0.98 x 11.93"), W: 25 ~ 110mm (0.98" x 4.33")	
	Label Thickness	0.06 ~ 0.19mm (0.002" x 0.007")	
Wind Direction	Face-in/Face-out		
Media Roll Size	Max external diameter: 128mm (5.04"), Paper core inner diameter: 40mm (1.57")		
Ribbon Size	Length	Max 100m	
	Width	110mm +/- 0.5mm (4.33" +/- 0.002)	
	Wind Direction	Face Out	

FONT/SYMBOLOGIES

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, CG Times Bold, CG Triumvirate Bold
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)
	2D Barcode	PDF417 (Ver2.4), MAXI Code (Ver3.0), QR Code, GS1 Data Matrix (ECC200)
ComPOSITE Symbols		EAN-13 Composite (CC-A/CC-B), EAN-8 Composite (CC-A/CC-B), UPC-A Composite (CC-A/CC-B), UPC-E Composite (CC-A/CC-B), GS1-128 Composite (CC-A/CC-B/CC-C), GS1 DataBar Composite (CC-A/CC-B), GS1 DataBar Truncated Composite (CC-A/CC-B), GS1 DataBar Stacked Composite (CC-A/CC-B), GS1 DataBar Stacked Omni-Directional Composite (CC-A/CC-B), GS1 DataBar Limited Composite (CC-A/CC-B), GS1 DataBar Expanded Composite (CC-A/CC-B), GS1 DataBar Expanded Stacked Composite (CC-A/CC-B)
Print Direction		Character & Barcode: 0°, 90°, 180°, 270°

COMMUNICATION INTERFACE

Interface	USB (B Type) + RS-232C (D-SUB 9 Pin) Model, USB (B Type) + LAN (10BASE-T/100BASE-TX Auto Switching) Model, USB (B Type) + IEEE1284 Model
Command	SBPL

OPERATING CHARACTERISTICS

Power Requirements	AC Adaptor	Input Voltage: AC100V ~ 240V +/- 10%, Rated Input Voltage: AC100V / AC240V, Output Voltage: 19V
Consumption Voltage		At Peak: 50W, At Waiting: 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 (7.05" x 9.37" x 6.81") Except protrusion part
Weight		DT: 1.7kg (3.5 lbs) TT: 1.9kg (4.2 lbs)

OPTIONS

Cutter, Dispenser, RTC, Keypad, Unwinder, SATO Label Gallery™

MISCELLANEOUS

Regulatory Approvals	USA/CANADA: UL60950-1 (2001), CSA22.2 No. 60950-1-03, EUROPE: EN60950-1, CE CHINA: CCC (GB4943-2001)
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