DCS & Labelling Worldwide

Affordable Compact Desktop Printers for Unrivaled 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
- Anti-Microbial Casing
- Multiple Codepage Support
- Multiple Printer Language-Compatible Options
- Safety Top Cover Latch

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

Waste-Reducing

- Linerless kit option to print linerless labels, which come without liner or backing paper, therefore less paper waste

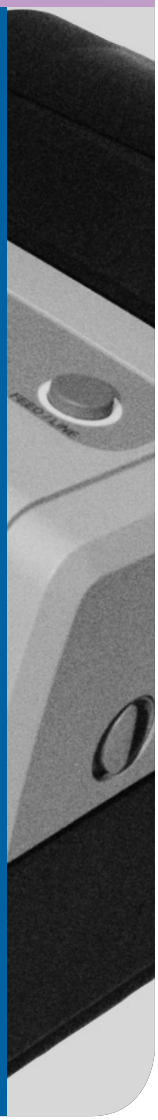
Print Labels with Date/Time Stamps Using Real-Time Clock Feature

Safe For Use

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

Compatible

- Printer language options enables replacement of competitive printer models with minimal reprogramming of data streams



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

General Specifications

CG4

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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)	
Compostite 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: 0º, 90º, 180º, 270º	
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 ~ 38ºC / 30 ~ 80% RH (without condensing)	
	Storage		-10 ~ 60ºC / 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, Linerless Kit (without cutter), 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)	
Antibacterial Finishing			Resin of the enclosure/control panel includes an antibacterial substance. This substance is tested according to JIS Z 2801. JIS stands for Japanese Industrial Standard; JIS Z 2801 was designed to quantitatively measure the ability of an antimicrobial surface to kill or inhibit the growth of microorganisms.	

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