



CG4 Series

Affordable Compact Desktop Printers for Unrivalled Performance, Convenience & Versatility

Antimicrobial casing

User friendly operation & maintenance

Printing resolution of 203 / 305 dpi

Real Time Clock

Prints 4" Labels, Receipts and Tags

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 cuts individual labels and tags
- Allows continuous printing and cutting of labels and tags

CG4 Series

Technical information



PRINT SPECIFICATIONS		CG408	CG412
Printing Method		Direct Thermal / Thermal Transfer	
Print Resolution		8 dots / mm (203 dpi)	12 dots / mm (305 dpi)
Max Print Speed		100 mm / sec (4 ips)	
Printable Area		(W x P): 105 x 300 mm (4.09" x 11.81")	
CPU		32 Bits RISC-CPU	
Printer Body Memory		Main Memory (Flash ROM): 4MB, RAM: 8 MB	
MEDIA SPECIFICATIONS			
Sensor Type		I-Mark Sensor (Reflection type), Label Gap Sensor (Transmissive type)	
Media	Media Thickness	0,06 to 0,19 mm (0,0024" to 0,0075") *Does not apply to wristbands	
	Media Shape	Roll stock (Face-in, Face-out) Max outer diameter: 130 mm (5.04") (Paper core: 40 mm (1.57")) / 115 mm (Paper core: 26,9 mm) Fan fold paper (Max height: 100 mm)	
	Label Size Continuous	L: 7 to 300 mm (0.28" to 11.81") W: 22 to 107 mm (0.87" to 4.21")	
	Label Size Tear-Off	L: 22 to 300 mm (0.87" to 11.81") W: 22 to 107 mm (0.87" to 4.21")	
	Label without Adhesive Continuous	L: 10 to 303 mm (0.39" x 11.93"), W: 25 to 110 mm (0.98" x 4.33")	
	Label without Adhesive Tear-Off	L: 25 to 303 mm (0.98" x 11.93"), W: 25 to 110 mm (0.98" x 4.33")	
Ribbon Size	Length	Length: Max .100 m, Width: 110 mm +/- 0.5 mm (4.33" +/- 0.002)	
Ink Direction		Face-out	
FONT / SYMBOLOGIES			
Standard Fonts	Bitmap Fonts	Alphanumeric 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/ 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 data rotation: 0°, 90°, 180°, 270°		
	Barcode rotation: 0°, 90°, 180°, 270°		
COMMUNICATION INTERFACES			
Interface		USB + RS-232C* model, USB + LAN model, USB + IEEE1284 model, Optional: External Wireless LAN *RS-232C enables you to connect to PC or SATO Keypad.	
Command		SBPL (Ver 4.2) SATO Barcode Printer Language	
OPERATING CHARACTERISTICS			
Power Requirements	AC Adaptor	Input Voltage: AC 100V to 240V +/- 10 %, Output Voltage: 19V	
Consumption Voltage		At Peak: 50W, At Waiting: 2.5W	
Environment	Operating	4 to 38 °C / 30 – 80 % RH (without condensing)	
	Storage	-10 to 60 °C / 15 – 85 % RH (without condensing)	
Dimension		(W x D x H): 179 x 238 x 173 mm (7.05" x 9.37" x 6.81") Except protrusion part	
Weight		DT: 1.7 kg (3.5 lbs) TT: 1.9 kg (4.2 lbs)	
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 JISZ2801: Antimicrobial products - discourage the growth of bacteria and micro-organisms.	
OPTIONS			
Cutter, Dispenser, RTC, Linerless Kit (without cutter), Keypad , Unwinder, SATO Label Gallery™			