



Affordable Compact Desktop Printers for Unrivalled Performance, Convenience & Versatility

Prints 2" Labels, Receipts, Wristbands and Tags



▶ Standalone Capability Using Keypad

- CG2 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 and RS232C or USB and LAN.
- Optionally: Wireless connectivity through WLAN

▶ 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

▶ Compact HF RFID Printing Solution

CG2 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

ACCESSORIES



Keypad

- Graphical LCD display
- Alphanumeric and one-touch function keys
- SD card supported
- Enables stand-alone printing (without connecting 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

CG2



PRINTER MODEL		CG208	CG212	
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): 56 x 600mm (2.20" x 23.60")	(WxP): 56 x 400mm (2.20" x 15.75")	
CPU		32 Bits RISC-CPU		
Printer Body Memory		Main Memory (Flash ROM): 4MB, RAM: 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: 130mm (Paper core: 40mm) / 115mm (Paper core: 26.9mm) Fan fold paper (Max height: 100mm)		
	Label Size	Continuous	L: 6 to 600mm (0.23" to 23.62"), With backing paper: 9 to 603mm (0.35" to 23.74") W: 12 to 60 mm (0.47" to 2.36"), With backing paper: 15 to 63 mm (0.59" to 2.48")	L: 6 to 400mm (0.23" to 15.75"), W: 12 to 60 mm (0.47" to 2.36"), With backing paper: 15 to 63 mm (0.59" to 2.48")
		Tear-Off	L: 12 to 600mm (0.47" to 2.36"), With backing paper: 15 to 603mm (0.98" to 11.93") W: 12 to 60 mm (0.47" to 2.36"), With backing paper: 15 to 63 mm (0.59" to 2.48")	L: 12 to 400 mm (0.47" to 15.75"), With backing paper: 15 to 403 mm (0.59" to 15.87") W: 12 to 60 mm (0.47" to 2.36"), With backing paper: 15 to 63 mm (0.59" to 2.48")
	Label without Adhesive			
	Continuous	L: 9 to 603mm (0.35" to 23.74") W: 15 to 63mm ((0.59" to 2.48")	L: 9 to 403mm (0.35" to 15.87") W: 15 to 63mm ((0.59" to 2.48")	
	Tear-Off	L: 15 to 603mm (0.59" to 23.74") W: 15 to 63mm ((0.59" to 2.48")	L: 15 to 403mm (0.59" to 15.87") W: 15 to 63mm ((0.59" to 2.48")	
Ribbon Specifications	Size Rolling Direction	Width: 59mm (2.32"), Max outer diameter: 38mm (1.50"), Paper core: 12.7mm (0.50") Face-Out		
FONT/SYMBOLOGIES				
Standard Fonts	Bitmap Fonts	XU, XS, XM, XB, XL, OCR-B, OCR-A (15x22), OCR-B (20x24), OCR-A (22x33), OCR-B (30x36), CG Times, CG Triumvirate		
Barcode	1D Barcode	UPC-A/UPC-E, JAN/EAN, CODE39, CODE93, CODE128, GS1-128(UCC/EAN128), CODABAR(NW-7), ITF, Industrial 2of5, Matrix 2of5, BOOKLAND, MSI, POSTNET, GS1 DataBar(RSS) barcode		
	2D Barcode	QR code, MicroQR, PDF417, MicroPDF, 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 (190°), Serial 2 (270°)		
COMMUNICATION INTERFACES				
Interface		USB + RS-232C model, USB + LAN model * RS-232C is able to connect to PC or SATO Keypad. Optional: External Wireless LAN		
Command		SBPL (Ver 4.2) SATO Barcode Printer Language		
OPERATING CHARACTERISTICS				
Power Requirements	AC Adaptor	Input voltage: AC100V-240V±10%, Frequency: 50/60Hz, Output voltage: DC19V±5%, 3A		
Consumption		Input voltage: 100V. At peak: 60VA/40W (at 30% print ratio). During standby: 5.3VA/2.5W		
Environment	Operating	0 ~ 35°C / 30 ~ 80% RH (without condensing)		
	Storage	-10 ~ 60°C / 15 ~ 85% RH (without condensing)		
Dimension		(WxDxH): 128 x 235 x 173mm (5.04" x 9.25" x 6.81")		
Weight		TT model (about 1.6kg/3.5lbs), DT model (about 1.5kg/3.3lbs)		
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, RFID HF Kit, Wireless LAN (802.11 b/g auto switching), Keypad, Unwinder, SATO Label Gallery™				