



# 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	
<b>PRINT SPECIFICATIONS</b>				
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		
<b>MEDIA SPECIFICATIONS</b>				
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	Width: 59mm (2.32"), Max outer diameter: 38mm (1.50"), Paper core: 12.7mm (0.50")		
	Rolling Direction	Face-Out		
<b>FONT/SYMBOLOGIES</b>				
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°)		
<b>COMMUNICATION INTERFACES</b>				
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		
<b>OPERATING CHARACTERISTICS</b>				
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)		
<b>MISCELLANEOUS</b>				
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.		
<b>OPTIONS</b>				
Cutter, Dispenser, RFID HF Kit, Keypad, Unwinder				

## OUR PRESENCE IN ASIA

### HEADQUARTERS

SATO Corporation  
1-7-1 Shimomeguro, Meguro-ku,  
Tokyo 153-0064, Japan  
TEL: +81 3 6665 0600  
[www.satoworldwide.com](http://www.satoworldwide.com)

### OFFICES

China (PRC)  
SATO Shanghai Co. Ltd  
TEL: +86 21 3252 2777  
[www.satochina.com](http://www.satochina.com)

### India

SATO Argox India Private Limited  
TEL: +91 124 4498555  
[www.satoindia.com](http://www.satoindia.com)

### Indonesia

PT. SATO Label Solutions  
TEL: +62 21 2808 0270  
[www.satolabelsolutions.com](http://www.satolabelsolutions.com)

### Malaysia

SATO Auto-ID Malaysia Sdn. Bhd.  
TEL: +60 3 7620 8901  
[malaysia.satoworldwide.com](http://malaysia.satoworldwide.com)

### Philippines

SATO Philippines AIDC Solutions Inc.  
TEL: +63 49 544 9459  
[www.satoasiapacific.com/philippines](http://www.satoasiapacific.com/philippines)

### Singapore

SATO Asia Pacific Pte. Ltd.  
TEL: +65 6271 5300  
[www.satoasiapacific.com/singapore](http://www.satoasiapacific.com/singapore)

### Taiwan

SATO Taiwan Co., Ltd.  
TEL: +886 2 8912 1288  
[www.satoasiapacific.com](http://www.satoasiapacific.com)

### Thailand

SATO Auto-ID (Thailand) Co., Ltd  
TEL: +66 2 736 4460  
[www.satothailand.co.th](http://www.satothailand.co.th)

### Vietnam

SATO Vietnam Solutions Co. Ltd  
TEL: +84-28-3910 1350/1  
[www.satovietnam.com](http://www.satovietnam.com)

### REPRESENTATIVE OFFICE

Korea  
SATO Asia Pacific Pte Ltd  
Korea Representative Office  
TEL: +82 2 761 5072  
[www.satokorea.com](http://www.satokorea.com)

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