SATO
DCS & Labelling Worldwide

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

Prints 2" Labels, Receipts, Wristbands and Tags

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

▶ **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**

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 400mm (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 Directon		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™				

Contact

For more information about SATO around the globe, visit www.satoworldwide.com

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