SATO
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Ceaseless Creativity for a Sustainable World.



CG2 & CG4 Series

Unrivalled Performance, Convenience & Versatility

Applications

- Manufacturing
- Transport & Logistics
- Retail
- Restaurants
- Food Industry
- Healthcare
- Automotive

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TECHNICAL INFORMATION

CG208 / CG212

PRINTING SPECIFICATION			CG208	CG212
Printing Method			Direct Thermal / Thermal Transfer	
Print Resolution, dots/mm (dpi)			8 dots/mm (203dpi)	12 dots/mm (305dpi)
Max. Print Area	Width, mm (inch)		56mm (2.20")	56mm (2.20")
	Length, mm (inch)		600mm (23.60")	400mm (15.75")
Print Speed, mm/sec (ips)			Up to 100mm/sec (4 ips)	
CPU			32 bit RISC	
Printer Memory			Flash ROM: 4MB, RAM: 8MB	
CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)				
Sensor Type			I-Mark Sensor (Reflective), Label Gap Sensor (Transmissive)	
Media Type			Roll or fan-fold die cut labels, Plain paper face stock, Synthetics and Continuous stock	
Media Thickness			0.06 – 0.19mm (0.002" – 0.007")	
Label Shape	Diameter		Max. outside diameter: Ø 130mm (5.12"), Core diameter: Ø 25.4mm (1") or Ø 38.1mm (1.5")	
	Wind Direction		Face-in/out	
Label Size	Continuous	Width	12 – 60mm (0.47" – 2.36")	12 – 60mm (0.47" – 2.36")
		Length	6 – 600mm (0.24" – 23.6")	6 – 400mm (0.24" – 15.75")
	Tear-Off	Width	12 – 60mm (0.47" – 2.36")	12 – 60mm (0.47" – 2.36")
		Length	12 – 600mm (0.47" – 23.6")	12 – 400mm (0.47" – 15.75")
	Cutter	Width	12 – 60mm (0.47" – 2.36")	12 – 60mm (0.47" – 2.36")
		Length	22 – 600mm (0.87" – 23.6")	22 – 400mm (0.87" – 15.75")
	Dispenser	Width	12 – 60mm (0.47" – 2.36")	12 – 60mm (0.47" – 2.36")
		Length	22 – 100mm (0.87" – 3.94")	22 – 100mm (0.87" – 3.94")
Ribbon	Size		Width: 59mm (2.32") Max. Length: 100m (328')	
	Core Diameter		Ø 12.7mm (0.5")	
	Wind Direction		Face-out	
FONTS / SYMBOLOGIES				
Fonts	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	
Barcode	1D Barcode		UPC-A/E, JAN/EAN-8/13, Code 39, Code 128, GS1-128 (UCC /EAN128), Codabar (NW–7), Interleaved 2 of 5, Bookland (2/5 char add-on code), GS1 Databar (RSS14), Composite JAN/EAN-8/13; Composite UPC A/E; Composite GS1 128/CC	
	2D Barcode		PDF417 (Ver2.4), MAXI Code (Ver3.0), QR Code, GS1 Data Matrix (ECC200)	
Print Rotation	Character Data / Barcode		0°, 90°, 180°, 270°	
COMMUNICATION INTERFACES				
Interface			USB + RS-232C* model, USB + LAN model, Optional: External SATO Wireless LAN**	
Command			SBPL (Ver 4.2) SATO Barcode Printer Language	
OPERATING CHARACTERISTICS				
Power Requirements			Input voltage adapter: AC100V-240V (auto switching)/40W (peak) – Input voltage printer: 19V/3A	
Environment	Operating		0 – 35ºC / 30 – 80% RH (without condensation)	
	Storage		-10 – 60ºC / 15 – 85% RH (without condensation)	
Dimension			(W x D x H): 128 x 235 x 173mm (5.04" x 9.25" x 6.81")	
Weight			TT model (approx 1.6 kg / 3.5 lbs), DT model (approx 1.5 kg / 3.3 lbs)	
MISCELLANEOUS				
Certifications			Cerner Validated, FCC, UL, CSA, CCC, CE, ROHS compliant, Energy Star™	
Anti-microbial Finishing			The material of the casing includes an anti-microbial substance which is tested according to the JISZ2801 standard The anti-microbial casing discourages the growth of bacteria and micro-organisms	
OPTIONS				
Accessories			Cutter, Dispenser, SATO Keypad, Unwinder, NiceLabel	

*The RS-232C interface enables connection to PC or SATO Keypad
**Only possible with the USB + RS232-C versions

SATO makes no guarantee that the above features are available in all models, and specifications are liable to change, without notice. Version 11/17. * Measurements are approximate values.

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