



CG4

UNRIVALLED PERFORMANCE,
CONVENIENCE AND VERSATILITY

FEATURES

- /// Anti-microbial Casing
- /// User Friendly Operation and Maintenance
- /// Printing Resolution of 203 / 305 dpi
- /// Real-time Clock
- /// Prints 4 inch Labels, Receipts and Tags

APPLICATIONS

- /// Healthcare
- /// General Office
- /// Government
- /// Library
- /// Retail
- /// Transportation and Logistics
- /// Entertainment

TECHNICAL INFORMATION

CG408 / CG412

| PRINTING SPECIFICATION | | CG408 | CG412 |
|---------------------------------|-------------------|---|---------------------|
| 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) | 105mm (4.13") | |
| | Length, mm (inch) | 300mm (11.81") | |
| Print Speed, mm/sec (ips) | | Up to 100mm/sec (4ips) | |
| CPU | | 32 bit RISC | |
| Printer Body Memory | | Main Memory (Flash ROM): 4MB, RAM: 8 MB | |

| 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, Linerless labels, Synthetics and Continuous stock | |
| Media Thickness | | 0.06 – 0.19mm (0.002" – 0.0075") | |
| Label Shape | Diameter | Max. outside diameter: Ø 128mm (5.04"), Core diameter: Ø 25.4mm (1") or Ø 38mm (1.5") | |
| | Wind Direction | Face-in/out | |
| Label Size | Continuous | Width | 22 – 107mm (0.87" – 4.21") |
| | | Length | 7 – 300mm (0.28" – 11.8") |
| | Tear-Off | Width | 22 – 107mm (0.87" – 4.21") |
| | | Length | 22 – 300mm (0.87" – 11.8") |
| | Cutter | Width | 22 – 107mm (0.87" – 4.21") |
| | | Length | 22 – 300mm (0.87" – 11.8") |
| | Dispenser | Width | 22 – 107mm (0.87" – 4.21") |
| | | Length | 22 – 100mm (0.87" – 3.94") |
| Ribbon | Size | Width: 56mm (2.20") to 110mm (4.33"), Max. Length: 100m (328') | |
| | Core Diameter | Ø 12.7mm (0.5") | |
| | Wind Direction | Face-out | |

| FONTS / SYMBOLOGIES | | |
|---------------------|--------------------------|--|
| Fonts | 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/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 mode (10/100 BaseT), USB + IEEE1284 model. *RS-232C enables you to connect to PC or SATO Keypad |
| Command | SBPL (Ver 4.2) SATO Barcode Printer Language |

| OPERATING CHARACTERISTICS | | |
|---------------------------|--|---|
| Power Requirements | Input voltage AC100-240V (auto switching)/50W (peak) – Input voltage printer: 19V/3A | |
| Consumption Voltage | At Peak: 50W, At Waiting: 2.5W | |
| Environment | Operating | 4 – 38°C / 30 – 80% RH (without condensing) |
| | Storage | -10 – 60°C / 15 – 85% RH (without condensing) |
| Dimension | (W x D x H): 179 x 238 x 173mm (7.05" x 9.37" x 6.81") | |
| Weight | DT: 1.7kg (3.5lbs) TT: 1.9kg (4.2lbs) | |

| MISCELLANEOUS | |
|-------------------------|---|
| Certifications | FCC, UL, CSA, CCC, CE, ROHS compliant |
| 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 | |
|-------------|---|
| Accessories | Cutter, Dispenser, Real-Time Clock, Keypad, Unwinder, SATO Label Gallery™, Bluetooth (external via serial port), Smart Keyboard |

SATO makes no guarantee that the above features are available in all models, and specifications are liable to change, without notice. Version 09/10. * Measurements are approximate values.