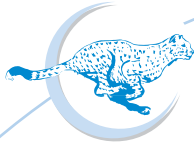


# GT4e High-Performance Industrial Printers

Powerful. Intelligent. Reliable.



**FAST**

With a print speed of 12 ips at 305 dpi, the GTe is the fastest barcode printer in its class.



**NO PC REQUIRED**

Built-in BASIC interpreter (SEMBL) provides the power and intelligence to address any labeling requirement.



**BUILT TO LAST**

Durable die-cast metal construction ensures reliable performance in harsh industrial environments.



Field Installable Printheads Enable User to Quickly Change Print Resolution



Tri-Port Interface Provides Multiple Connectivity Options



Icon-Driven Operating System Makes Printer Operation Easy to Learn



Multi-Function Operation Keys Provide Programming Flexibility



The Standard for Reliable  
Barcode Printing

# General Specifications

## GT408e / GT412e / GT424e

| MODEL  | GT408e |   | GT412e |                                  | GT424e |                              |
|--|--------|---|--------|----------------------------------|--------|------------------------------|
| <b>PRINTING SPECIFICATION</b>  |        |   |        |                                  |        |                              |
| <b>Print Method</b>  |        | Direct Thermal/Thermal Transfer   |        |                                  |        |                              |
| <b>Print Resolution</b>  |        | 203 dpi (8 dpmm)  |        | 305 dpi (12 dpmm)                |        | 609 dpi (24 dpmm)            |
| <b>Print Speed</b>   |        | Up to 12 ips  |        | Up to 12 ips                     |        | Up to 6 ips                  |
| <b>Max. Print Area</b>   |        | Width   |        |                                  |        |                              |
|  |        | 4.1" (104 mm)   |        |                                  |        |                              |
|  |        | Length  |        | 59.10" (1,500 mm)                |        | 15.7" (400 mm)               |
|  |        |   |        |                                  |        |                              |
| <b>MEDIA SPECIFICATION</b>   |        |   |        |                                  |        |                              |
| <b>Sensor Type</b>   |        | Reflective Sensor (for use with pre-printed marks)<br>Adjustable See-Through Sensor (for die-cut label with gap)  |        |                                  |        |                              |
| <b>Media Type</b>  |        | Roll and Fanfold: 0.002" – 0.011" (0.06 mm – 0.268 mm)  |        |                                  |        |                              |
| <b>Media Size</b>  |        | Width   |        |                                  |        |                              |
|  |        | Length  |        | 0.24" - 49.17" (6 mm - 1,249 mm) |        | 0.24 - 32.8" (6 mm - 833 mm) |
|  |        | Thickness   |        |                                  |        |                              |
|  |        | Up to 0.011" (0.268 mm)   |        |                                  |        |                              |
|  |        | Outer Diameter  |        |                                  |        |                              |
| 10.43" (265 mm)  |        |   |        |                                  |        |                              |
| <b>Ribbon</b>  |        | Core Diameter   |        |                                  |        |                              |
|  |        | 1.5", 3" or 4" (38 mm, 76 mm or 102 mm)   |        |                                  |        |                              |
|  |        | Width   |        |                                  |        |                              |
|  |        | 1.56" - 5.04" (39.5 mm - 128 mm)  |        |                                  |        |                              |
|  |        | Length  |        |                                  |        |                              |
|  |        | Up to 1476' (450 m)   |        |                                  |        |                              |
| <b>MEMORY</b>  |        |   |        |                                  |        |                              |
| <b>Processor</b>   |        | 32-bit RISC   |        |                                  |        |                              |
| <b>Flash ROM</b>   |        | 6 MB (Main Memory: 4 MB; Font: 2 MB)  |        |                                  |        |                              |
| <b>FONT / SYMBOLOGIES</b>  |        |   |        |                                  |        |                              |
| <b>Fonts</b>   |        | Internal  |        |                                  |        |                              |
|  |        | U, S, M, WB, XS, XU, XM, XB, XL, OUTLINE, OCR-A, OCR-B, WL  |        |                                  |        |                              |
| <b>Barcode Symbolologies</b>   |        | TrueType Fonts  |        |                                  |        |                              |
|  |        | CG Times, CG Univers, Futura, CG Palacio, CG Century Schoolbook, CG Triumvirate Condensed   |        |                                  |        |                              |
|  |        | Linear  |        |                                  |        |                              |
|  |        | UPC-A/E, UCC/EAN-128, Interleaved 2 of 5, CODE 39, CODE 128, EAN-8/13, CODE 93, RSS-14, POSTNET, NW-7, Matrix 2 of 5, MSI, Bookland   |        |                                  |        |                              |
|  |        | 2-Dimensional   |        |                                  |        |                              |
|  |        | Data Matrix, PDF417, Macro PDF, Maxicode, Micro PDF417, Composite Symbology, QR Code  |        |                                  |        |                              |
| <b>INTERFACE CHARACTERISTICS</b>                                       |        |   |        |                                  |        |                              |
| <b>Interface Buffer</b>  |        | 2.95 MB   |        |                                  |        |                              |
| <b>Interface Options</b>   |        | Wireless Ethernet (802.11b), LAN (10/100BaseT), Centronics Parallel, RS232C, miniLAN (POP3, SMTP, HTTP), IEEE1284 (ECP Compatible), RS422/485   |        |                                  |        |                              |
| <b>OPERATING CHARACTERISTICS</b>                                       |        |   |        |                                  |        |                              |
| <b>Power Requirements</b>  |        | 100 - 240VAC [Maximum: 200VA/200W (Standby: 62VA/89W)]  |        |                                  |        |                              |
| <b>Environment</b>   |        | Operating   |        |                                  |        |                              |
|  |        | 32° F – 104° F (0° C – 40° C), 30%-80% RH, non-condensing   |        |                                  |        |                              |
|  |        | Storage   |        |                                  |        |                              |
|  |        | 23° F – 140° F (-5° C – 60° C), 30%-90% RH, non-condensing  |        |                                  |        |                              |
| <b>Regulatory Approvals</b>  |        | FCC Class A, UL, CSA, CE, TÜV, CCC  |        |                                  |        |                              |
| <b>Dimensions</b>  |        | 17.9" L x 10.7" W x 12" H (455 mm L x 271 mm W x 305 mm H)<br>33.0 lbs. (15.0 kg)   |        |                                  |        |                              |
| <b>OPTIONAL ACCESSORIES</b>  |        |   |        |                                  |        |                              |
| Label Cutter, Label Dispenser, Real Time Calendar/Clock, Linerless Kit |        |   |        |                                  |        |                              |
| <b>OPERATIONAL FEATURES</b>  |        |   |        |                                  |        |                              |
| <b>Firmware Features</b>   |        | Hex Dump, Print Custom Character Design, Sequential Numbering (incl. Barcodes), Form Storage and Recall (for faster data retrieval of complex formats), SEMBL (BASIC) Interpreter                       |        |                                  |        |                              |
| <b>Self Diagnosis Tools</b>  |        | Head Check, Paper End Detection, Ribbon Near-End/End Detection (remaining 49' - 98' detection), Open Cutter-Cover Detection, Auto Sensing for Continuous Forms, Memory Card Error Detection, Test Print |        |                                  |        |                              |

\*Specifications subject to change without notice

### SATO America, Inc.

10350-A Nations Ford Road, Charlotte, NC 28273  
Phone: (704) 644-1650 Fax: (704) 644-1662  
E-mail: satosales@satoamerica.com

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