



GTe4XXe

Engineered to Redefine High-performance Industrial Printing



FASTEST IN THE MARKET

High print speed of 300 mm (12ips) @ 203/305 dpi. It is the FASTEST thermal barcode printer in its class.



NO PC REQUIRED

Pre-loaded application in the system and easy-to-navigate menu provide a simple solution to customize printed labels, thus no PC connection required.



BUILT TO LAST

Durable design and aluminium die cast construction at print head and base provide reliable printing and higher success rate of readable barcodes, even in harsh industrial environments.



Large LCD display with graphical icons for user-friendly operation



Multifunction buttons providing easy-to-navigate menu options



Coreless ribbon simplifying the ribbon setting operations (option)



User configurable print head 203/305/609 dpi



Tri-interface port for various connectivity

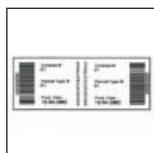
GTe408e / GTe412e / GTe424e

General Specifications



PRINTING SPECIFICATION		GTe408e	GTe412e	GTe424e
Printing Method		Direct Thermal or Thermal Transfer		
Print Resolution, dots/mm (dpi)		8 dots/mm (203dpi)	12 dots/mm (305dpi)	24 dots/mm (609dpi)
Max. Print Area	Width, mm (inch)	104 mm (4.1")		
	Length, mm (inch)	2500 mm (98.43")	1500 mm (59.10")	400 mm (15.7")
Print Speed, mm/sec		Up to 300 mm/sec (12 ips)	Up to 300 mm/sec (12 ips)	Up to 150 mm/sec (6 ips)
CONSUMABLES SPECIFICATION (Recommended to use printer supplies manufactured or certified by SATO)				
Sensor Type		Paper sensor: reflection type, penetration type		
Media Type		SATO recommended roll paper and fanfold		
Media Size	Width, mm	22 ~ 128 mm		
	Length, mm	5 ~ 397 mm		
	Thickness, mm	0.06 ~ 0.268 mm		
	Outer Diameter, mm	265 mm (10.43")		
Ribbon	Inner Diameter, mm	25.5 mm		
	Width, mm	39.5 ~ 128 mm		
	Length, m	Max up to 450 m		
FONT / SYMBOLOGIES				
Font	Internal	U, S, M, WB, XU, XM, XB, XL, OUTLINE, OCR-A, OCR-B		
	TrueType Font	CG Times, CGTriumvirate (Featuring AGFA UFST)		
Barcode symbologies	1-Dimension	UPC-A/E, JAN/EAN, CODE39, CODE93, CODE128, UCC/EAN128, NW-7, Customer Barcode, MSI, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, BookLand, POSTNET, RSS-14		
	2-Dimension	QR Code (Ver. 8.1: Chinese QR and Korean QR are individually operated) PDF417 (Ver. 2.4: Including Micro PDF417); Veri Code (Ver. 1.0); MAXI Code (Ver. 3.0); Data Matrix (Ver. 2.0); Composite Symbology (Compatible with CC-A/B/C by UPC-A/E, JAN/EAN, CODE39, CODE128, RSS-14)		
INTERFACE CHARACTERISTICS				
Processor		32-bit RISC		
Interface		1) Interface board slot (2 slots, one of them is used only for mini LAN I/F slot) 2) EXT board slot		
Optional interfaces		Parallel IEEE1284, Serial RS-232C, USB (Ver. 1.1), LAN (10BASE-T/100BASE-TX), Wireless LAN (IEEE802.11b), Mini LAN (10BASE-T/100BASE-TX), EXT connector (external signal)		
OPERATING CHARACTERISTICS				
Power Requirements		AC100 / 240V [Maximum:200VA / 200W (Standby: 62VA / 89W)]		
Environment	Operating	0 ~ 40°C / 30 ~ 80% RH (w/out condensation)		
	Storage	-5 ~ 60°C / 30 ~ 90% RH (w/out condensation)		
Dimension (W x D x H), weight		W271 x D455 x H305mm / Approx. 15kg		
ACCESSORIES				
RFID Unit (HF) , Cutter Unit (Guillotine Cutter), Dispenser Unit (with Backing Paper Rewinder), Simplified Dispense Unit, Internal Rewinding Unit, Linerless Unit, Scanner Unit for Verification				
OTHERS				
Function	Useful Features	Status Return Function, Graphic Function, Sequential Number Function, Form Overlay Function, External Character Registration Function, Character Correction Function, Black/White, Inversion Function, Ruled Line Function, Dump List Function, Format Registration Function, Outline Variable Function, Label Skip Function, Zero Slash Switching Function, JIS/Shift JIS Switching Function		
	Self Diagnosis Checking	Head Check, Paper End Detection, Ribbon End Detection, Head Open Detection, Test Print.		

Recommended applications



Construction / Industrial
The 203 dpi solution is suitable for printing simple labels with human-readable characters, without the need to print either 2D-code or graphics.



Semiconductor / Electronics
This high resolution 609 dpi solution is ideal for printing tiny label stickers for electronic peripherals such as PCBs, hard disk drives, and other small electronic components in both linear and 2D-code.

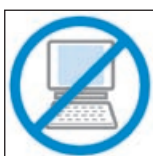


Dual LAN System

- MiniLAN allows printing and receiving error status through SMTP / POP3 / HTTP
- Option of using two ports. Checking printer status while sending data such as e-mail (SMTP) can be done simultaneously
- Capable of forwarding printer status to mobile phones (via SMTP)
- Staff can work from anywhere.



Warehousing / Logistics
305 dpi is the standard resolution used for logistics (such as printing shipping labels). Capable of supporting small barcodes, 2D-code, as well as simple graphics



The "Standalone" Warehousing solution
SEMBL (SATO EMBEDDED BASIC LANGUAGE) enables developed software applications to reside within the GT printer.

- Plug-and-Play feature for connectivity of peripheral devices (i.e., scanners, scales, keyboards)
- Easy to operate configuration for quick installation