TECHNICAL INFORMATION **WT4-AXB Printer**

PRINTING SPECIFICATION			WT4-AXB (203 dpi)	WT4-AXB (300 dpi)
Printing Method			Direct Thermal and Thermal Transfer models	
Print Resolution			8 dots / mm (203 dpi)	12 dots / mm (300 dpi)
Max. Print Area	Width mm (inch)		104mm (4.09")	104mm (4.09")
	Length mm (inch)		996mm (39.33")	996mm (39.33")
Print Speed, mm/sec (ips)			Up to 203.2mm/sec (8 ips)	Up to 152.4mm/sec (6 ips)
CPU			32-bit RISC Microprocesor	
Printer Memory			Flash ROM: 128MB, DRAM: 128MB User Memory: 32GB External USB User Memory: 16GB	
CONSUMABLES SPECIFICATION				
Sensor Type			Adjustable I-Mark Sensor (Reflective) /Label Gap Sensor (Transmissive), Label Taken sensor, Head Open sensor, Ribbon Out Sensoir	
Media Type			Roll or fan-fold die cut labels, Plain paper face stock, Continuous stock, Tag, Ticket	
Media Thickness			0.08 – 0.19mm (0.003" – 0.007")	
Label Shape	Diameter		Roll Max. outside diameter: Ø 203.2mm (8"), Core diameter: 76mm /38mm (3" / 1.5")	
	Wind Direction		Face-in / Face out	
Label Size	Continuous	Width	22 – 112mm (0.86" – 4.4")	22 – 112mm (0.86" – 4.4")
		Length	6 – 2497mm (0.24" – 98.3")	6 – 1497mm (0.24" – 58.9")
	Tear-Off	Width	22 – 112mm (0.86" – 4.4")	22 – 112mm (0.86" – 4.4")
		Length	22 – 2497mm (0.24" – 98.3")	22 – 1497mm (0.24" – 58.9")
	Cutter	Width	22 – 112mm (0.86" – 4.4")	22 – 112mm (0.86" – 4.4")
		Length	22 – 2497mm (0.24" – 98.3")	6 – 1497mm (0.24" – 58.9")
	Dispenser	Width	22 – 112mm (0.86" – 4.4")	22 – 112mm (0.86" – 4.4")
		Length	22 – 397mm (0.24" – 98.3")	22 – 2497mm (0.24" – 98.3")
Ribbon TT Model	Length		Max. 450 metres. Max Diameter 82mm	
	Width		40mm - 110mm (1.57" – 4.33")	
	Core Diameter		25mm (1")	
	Wind Direction		Face-in / Face-out	
FONTS / SYMBOLOGIES				
Internal Fonts Unicode supported	Standard Bitmap		Bitmap Fonts XS, XU, XM, XB, XL, OCR A, OCR B,	
	Scaleable fonts		CG Times, CG Triumvirate, SUD-SON, SUD-HEI	
Barcode	1D Barcode		UPC-A/E, JAN/EAN-8/13, Code 39, Code 93, Code 128, GS1-128 (UCC /EAN128), Codabar (NW–7), Interleaved 2 of 5, MSI, GS1 Databar: Omni, Truncated, Stacked, Stacked Omni, Limited, Expanded, Expanded stacked. UPC Add-on, Postnet, Industrial 2 of 5. Composite: JAN/EAN-8/13, UPC A/E, GS1 Databar, Truncated and Stacked	
	2D Barcode		PDF417 including Micro pdf, MAXI Code, QR Code, GS1 Data Matrix (ECC200), Aztec.	
Print Rotation	Character Data / Barcode		0°, 90°, 180°, 270°	
COMMUNICATION INTERFACES				
Interfacing			Standard: USB Type A 2.0 + USB Type B 2.0 + LAN + RS-232 Options: Wireless LAN b/g/n and Bluetooth	
			LAN protocols: ARP, IP, ICMP, UDP, TCP, HTTP, DHCP, Socket, LPR, SNMPv2	
Command languages (Printer language emulations)			SBPL SATO Barcode Printer Language, SZPL, SIPL.	
OPERATING CHARACTERISTICS				
Power Requirements			Input voltage: AC100V-240V +/- 10% (full range)/ Frequency 50HZ -60Hz +/- 5%	
Environment	Operating		4 – 40°C / 30 – 80% RH (without condensation)	
	Storage		-40 – 60°C / 10 – 90% RH (without condensation)	
Dimension (W x D x H)			DT model: 67.7 x 445 x 261mm *(H1 Optional: 256mm)	TT model: 67.7 x 445 x 261mm *(H1 Optional: 256mm)
Weight			DT model: 11.5Kg	TT model: 11.5Kg
Indicators, Buttons, Display			3-colour LED indicator , 7 x Buttons, 3.5" Color LCD	
MISCELLANEOUS				
Certifications			FCC, UL, CSA, CE, TUV GS, EAC, ROHS 2.0 compliant, WEEE compliant.	
Self-diagnostics			Error detection functions, Printhead overheat function, Printhead element check	
Ease of service			Thermal printhead and Platen roller easily replaced	
OPTIONS & MANAGEMENT				
Accessories			Dispenser, Full cutter, Dual Wireless LAN and Bluetooth Interface	
Printer management			SATO Settings Utility for printer, network & Wireless configuration. SNMPv2. USB firmware upgrading.	
SATO SUPPORT				
A full range of SATO-manufactured labels, tags and ribbons. SATO Value Support after-sales maintenance				

All information in this leaflet is accurate as of January 2025. Product specifications are subject to change without notice. Any unauthorized reproduction of the contents of this leaflet, in part or whole, is strictly prohibited. All other software, product or company names are trademarks or registered trademarks of their respective owners.

© 2025 SATO CORPORATION. All rights reserved.

For more information, please contact your local SATO office, or visit: satoeurope.com