



Simple and Easy WT4-AXB

4-inch Industrial Label Printer

▶ Watch video



Easy installation

- Suitable for a variety of industries and applications.
- Compact design to fit any workspace.
- Supports various media types.
- Flexible options to meet your printing needs.
- Multiple emulations for easy integration into existing systems.
- Compatible with 8.0-inch OD label rolls and 450m ribbon rolls.



Compact design



Label size and roll length



Error display

Multilingual support

Wide label path

Easy operation

- UI with color-coded alerts for quick error identification.
- Multilingual UI for a diverse workforce.
- Color coded controls and wide label path for effortless media replacement.

Easy maintenance

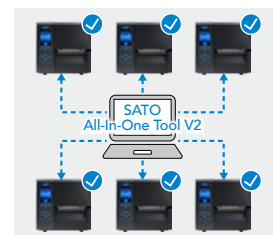
- Easy replacement of thermal printhead and platen roller.
- Backed by SATO's global support.
- Software for centralized configuration of printers across the network.



Thermal printhead



Platen roller



Centralized printer management

Technical Specifications

PRINTING SPECIFICATION				
Printing method		Direct thermal, thermal transfer		
Print mode		Continuous, tear-off, cutter, dispenser		
Print resolution		8 dots/mm (203 dpi)	12 dots/mm (300 dpi)	
Print speed		Max. 8 ips (203.2 mm/sec)	Max. 6 ips (152.4 mm/sec)	
Print area	Width	Max. 104 mm (4.09")		
	Length	Max. 2,500 mm (98.4")	Max. 1,500 mm (59.1")	
Processor		32-bit RISC microprocessor		
Print memory		128 MB SDRAM, 128 MB Flash		
CONSUMABLES SPECIFICATION (Use SATO genuine consumables)				
Sensor type		Reflective sensor (I-Mark), label gap sensor (transmissive)		
Media type		Direct thermal label, direct thermal tag, roll paper, fanfold paper		
Media thickness		0.06–0.268 mm (60–268 µm)		
Label shape	Diameter	Max. 203.2 mm (8.0") Core diameter: Ø76 mm (3.0")		
	Wind direction	Face In/Face Out, no setting change required		
Label size (without liner)	Continuous	Length	6–2,497 mm (0.24"–98.30")	6–1,497 mm (0.24"–58.93")
		Width	22–112 mm (0.87"–4.41")	
	Tear-off/Cutter	Length	22–2,497 mm (0.87"–98.30")	22–1,497 mm (0.87"–58.93)
		Width	22–112 mm (0.87"–4.41")	
	Dispenser	Length	22–397 mm (0.87"–15.63") *22–27 mm is compatible only with thermal transfer printers	
		Width	22–112 mm (0.87"–4.41")	
Ribbon	Size	Max. Length: 450 m (15748.0') Max. Roll diameter: 82 mm (3.2")		
	Other	Core diameter: Ø25.4 mm (1"), wind direction: Face In/Face Out, no setting change required		
FONTS/SYMBOLOGIES				
Internal fonts	Standard bitmap	U, S, M, WB, WL, XS, XU, XM, XB, XL, OCR-A, OCR-B		
	Scalable fonts	4 SATO fonts		
	Encoding	GB18030 (simplified), GB2312 (simplified), BIG5 (traditional)		
Barcode	Linear	UPC-A/UPC-E, JAN/EAN-13/8, Code 39, Code 93, Code 128, GS1-128(UCC/EAN-128), CODABAR (NW-7), ITF, Industrial 2 of 5, Matrix 2 of 5, MSI, POSTNET, UPC Add-On Code, BOOKLAND, USPS, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked		
	2D symbolologies	QR code, Micro QR code, PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, Data Matrix (ECC200), Aztec code		
Print direction		Character data rotation: 0°, 90°, 180°, 270°		
User downloadable fonts, graphics or formats		TTF font via command		
CONNECTIVITY INTERFACES AND SUPPORTED PROTOCOLS				
Interfaces and protocols		USB 2.0 (Type A and Type B), RS-232C, Ethernet (IPv4/IPv6), Supporting: TCP/IP, LPR, SNMPv1.2, HTTP, DHCPv4, Stateless Auto-Configuration, Stateful Auto-Configuration (DHCPv6)		
Optional interfaces		Wireless LAN: IEEE 802.11b/g/n, 2.4GHz Security: Open, WEP, WPA/WPA2-Personal, WPA/WPA2-Enterprise, Bluetooth® Ver. 5.0.		
Remote management protocols		SNMPv1.2, HTTP		
Supported printer protocols		Standard: SBPL (SATO barcode printer language), emulation languages: SZPL, SIPL (auto-detectable)		
OPERATING REQUIREMENTS				
Power requirements		AC100V–240V ±10%, 50/60HZ ±5%		
Environment	Operating	4–40°C/30–80% RH (without condensation)		
	Storage	-20–50°C/15–85% RH (without condensation)		
PHYSICAL SPECIFICATIONS				
Dimensions		271 mm (10.67") x 450 mm (17.72") x 261 mm (10.28")		
Weight		11.4kg (25.13 lbs)		
Display panel		Full color, 3.5" LCD display		
MISCELLANEOUS				
Standards & certifications		Please contact your local SATO sales representatives to know which certifications in your region the printer meets		
Useful features		16-language support, energy-efficient design, 3 LED status indicators, alarm		
Self-diagnosis functions		Paper end detection, ribbon end detection, test print, head lift detection		
OPTIONS				
Accessories		Cutter, dispenser, Wireless LAN/Bluetooth module, 10 mm foot pad		

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