

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<br>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 Sensor |                             |
| 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 |                          |                                                                                                                                                                                                                                                                                                                           |                                                                                                                                 |                             |