

# Trade Scales Limited

## Thermal Label Printing Solutions

### Zebra S4M

#### Features

Zebra's S4M printer proudly wears the Stripe family name by providing the features needed to support many applications, including:

- Compliance labelling—comply with the latest industry and customer requirements
- Manufacturing—provide accurate, end-to-end identification to track materials through your factory or supply chain
- Distribution—bar code labelling for packing, shipping, inventory management
- Healthcare patient safety— hospital pharmacy unit-dose labelling, specimen and lab labelling, wristband printing, admissions/records labelling
- Unicode™ compliant—for faster, multi-language printing to meet global needs

Whether you're new to bar coding, upgrading from a desktop printer, or adding new printers, Zebra's S4M thermal printer delivers an affordable solution for many labelling requirements. Designed for the budget-minded, this printer offers you ease of use, the durability of a metal frame/case, and a full 8" media roll capacity that means fewer label changes. The S4M is an outstanding value compared to similar printers on the market.

The S4M printer's front control panel features a streamlined menu for simple navigation, while its proven side-loading design eliminates threading of labels and ribbons for quick, easy loading. As a result your operators have more time to focus on more productive tasks. The S4M printer offers a variety of ways to connect—from serial, parallel, and USB interfaces to internal 10/100 Ethernet or wireless 802.11b—for simple system integration. It will also fit right in with your other Zebra printers because it speaks the same programming languages (ZPL® and EPL™). Plus, Zebra's APL™ language lets you easily change from other-brand printers to S4M printers without changing your label formats.



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## Specifications

<b>Model</b>	Zebra S4M
<b>Print Methods</b>	Direct thermal or Thermal Transfer (optional)
<b>Memory</b>	Standard: 4 MB Flash, 8 MB DRAM
<b>Max. Print Area (standard memory)</b>	Width: 4.09"/104 mm Length with 203 dpi: 106"/2,692 mm (with standard memory) Length with 300 dpi (optional): 65"/1,651 mm (with standard memory)
<b>Physical Characteristics</b>	Width: 11.2"/283 mm Depth: 19.5"/495 mm Height: 15.5"/394 mm Weight: 55 lbs/25 kg
<b>Resolutions</b>	203 dpi/8 dots per mm 300 dpi/12 dots per mm (optional)
<b>Max Print Speed</b>	6"/152 mm per second
<b>Media Sensors</b>	Transmissive and reflective sensing sensors
<b>Construction</b>	Die-cast metal frame with sheet metal enclosure
<b>ZebraLink Solutions</b>	<p><u>Software</u> ZebraDesigner™ Pro (optional) Zebra Designer ZebraNet™ Bridge Enterprise ZebraNet Utilities v 7.0 Zebra Universal Driver</p> <p><u>Networking Options</u> ZebraNet® Wireless Print Server option (internal) ZebraNet 10/100 Print Server option (internal or external) ZebraNet PrintServer II option (external)</p> <p><u>Firmware</u> ZPL II®—Universal language for Zebra printers. Simplifies label formatting and enables format compatibility with existing systems that run Zebra printers. EPL2™—Eltron Programming Language is used primarily by Zebra's desktop bar code printers. APL—Zebra's Alternative Programming Language allows integration into mixed printer environments without re-programming formats. Web View—Connect and control Zebra bar code printers via the printer's Web interface using a common Web browser. (ZPL only) Alert—Printers equipped with ZebraNet print servers provide alerts via any email-enabled, wired, or wireless device to minimize downtime. (ZPL only)</p>
<b>Print Width</b>	4.09"/104 mm
<b>Print Length</b>	203 dpi: 157"/3,988 mm 300 dpi: 73"/1,854 mm (optional)

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## Specifications (Cont'd)

<b>Max Non-Continuous Label Length</b>	39"/991 mm
<b>Media label and liner width</b>	0.75"/19.4 mm to 4.50"/114 mm
<b>Maximum media roll size</b>	8.0"/203 mm O.D on a 3.0"/76 mm I.D. core 6.0"/152 mm O.D. on a 1.0"/25 mm I.D. core
<b>Media thickness</b>	0.003"/0.076 mm to 0.010"/0.25 mm
<b>Media Types</b>	Continuous, die-cut, tags, black-mark
<b>Ribbon Outside Diameter</b>	3.2"/81.3 mm
<b>Ribbon Standard Length</b>	984'/300 m or 1476'/450 m
<b>Ribbon Ratio</b>	2:1 media roll to ribbon ratio for 984'/300 m 3:1 media roll ribbon ratio for 1476'/450 m
<b>Ribbon Width</b>	1.57"/40 mm to 4.33"/110 mm
<b>Ribbon Setup</b>	Ribbon wound ink-side out
<b>Ribbon Core Inner Diameter (I.D.)</b>	1.0"/25.4 mm
<b>Environment</b>	Operating Temp. 40°F/5°C to 104°F/40°C (Thermal Transfer) and 32°/0°C to 104°F/40°C (Direct Thermal) Storage Temp. -40°F/-40°C to 140°F/60°C Operating Humidity 20% to 85% non-condensing Storage Humidity 5% to 85% non-condensing
<b>Electrical</b>	Universal auto-ranging (PFC-compliant) power supply 90-265VAC, 48-62 Hz
<b>Agency Approvals</b>	Agency approvals: IEC 60950, EN 55022 Class B, EN55024, EN 61000-3-2, EN 61000-3-3. Markings: cULus, CE Marking, FCC-B, ICES-003, VCCI, C-Tick, NOM, IRAM, CCC, GOST-R
<b>Graphic Features</b>	(ZPL only, other firmware languages may vary) 7 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed) International character sets supporting the following code page: IBM® Code Page 850 International character set Support user-defined fonts and graphics—including custom logos ZPL II drawing commands—including boxes and lines
<b>Bar Code Symbolgies</b>	Linear - Code 11, Code 39, Code 93, Code 128 subsets A/B/C and UCC case C codes, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar, Planet Code, RSS 2-Dimensional - Aztec, Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, TLC 39,

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## Zebra S4M Series Standard Features:

- Metal media cover with enlarged clear window
- Element Energy Equalizer™ (E3®) for superior print quality
- Back-lit LCD control panel
- Parallel, USB 1.1 and RS-232 serial ports
- XML-Enabled printing—direct-connect integration for bar code label printing; eliminates license fees and print server hardware and lowers customization and programming costs

## Zebra S4M Series Options & Accessories:

- Printhead 300 dpi/12 dots per mm
- Peel—a front mount, passive peel option, with no take-up spindle
- Factory Installed 64 MB Flash memory option
- Real-time clock (RTC) option
- Thermal transfer ribbon handling system
- Keyboard display unit (KDU)

