

# Zebra® S4M™



**Whether you're new to bar coding, upgrading from an older Stripe® series, desktop printer or adding new printers, Zebra's S4M thermal printer delivers an affordable solution for many labelling requirements.**



## **The easy way to add dependable printing**

- The S4M offers you ease of use, the durability of a metal frame/case and a full 203mm (8") media-roll capacity that means fewer label changes
- The 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
- A variety of ways to connect – from serial, parallel and USB interfaces to internal 10/100 Ethernet or IEEE 802.11b/g – for easy system integration
- It will fit in completely with your other Zebra printers because it speaks the same programming languages (ZPL® and EPL™)

## **Key features**

- More ways to connect
- Unicode™-compliant
- Side-loading design

## **Ideal for**

- Compliance labelling
- Manufacturing
- Distribution
- Healthcare patient safety
- Post and parcel

## **Get the most out of your Zebra, put Genuine Zebra™ Supplies in!**

Zebra offers a wide range of supplies for S4M printers, all made to a high standard and suitable for a variety of applications.

- Manufactured exclusively for Zebra printers
- Laboratory-tested for optimum performance
- Proven to minimise wear and tear on printheads

▶ **For more information, visit [www.zebra.com](http://www.zebra.com)**



# Specifications\*

The next generation in the Stripe series, the S4M's affordability, ease of use, metal construction and wide range of connectivity options make it outstanding value.

## Standard features

- Print methods: Direct thermal or Thermal transfer (optional)
- Construction: Die-cast metal frame with sheet-metal enclosure
- Metal media cover with large clear window
- Element Energy Equalizer™ (E3™) for superior print quality
- Back-lit LCD control panel
- Parallel, USB 1.1 and RS-232 serial ports

## Printer specifications

### Resolution

- 8 dots per mm/203dpi;
- 12 dots per mm/300dpi (optional)

### Memory

- Standard: 4MB flash, 8MB DRAM

### Print width

- 104mm/4.09"

### Print length

- 203dpi: 3,988mm/157"
- 300dpi: 1,854mm/73" (optional)

### Print speed

- 152mm/6" per second

### Media sensors

- Transmissive and reflective sensors

## Media characteristics

### Maximum label and liner length

- Maximum non-continuous label length: 991mm/39"

### Media width

- 19.4mm/0.75" to 114mm/4.50"

### Maximum media roll size

- 203mm/8.0" O.D. on a 76mm/3.0" I.D. core
- 152mm O.D. on a 25mm/1.0" I.D. core

### Media thickness

- 0.076mm/0.003" to 0.25mm/0.010"

### Media types

- Continuous, die-cut, tags, black-mark

## Ribbon characteristics (thermal transfer option only)

### Outside diameter

- 81.3mm/3.2"

### Standard length

- 300m/984' or 450m/1476'

### Ratio

- 2:1 media roll to ribbon ratio for 300m/984'
- 3:1 media roll ribbon ratio for 450m/1476'

### Width

- 40mm/1.57" to 110mm/4.33"

### Ribbon setup

- Ribbon wound ink-side out

### Core internal diameter

- 25.4mm/1.0"

## Operating characteristics

### Environmental

- Operating temperature: 5°C to 40°C (Thermal Transfer) and 0°C to 40°C (Direct Thermal)
- Storage temperature: -40°C to 60°C
- Operating humidity: 20% to 85% non-condensing
- Storage humidity: 5% to 85% non-condensing

### Electrical

- Universal auto-ranging (PFC-compliant) power supply 90–265VAC; 48–62Hz

### Agency Approvals

- IEC 60950, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3
- Markings: cULus, CE Marking, FCC-B, ICES-003, VCCI, C-Tick, NOM, IRAM, CCC, GOST-R

## Physical characteristics

- Width: 272mm/10.7"
- Height: 295mm/11.6"
- Depth: 477mm/18.8"
- Weight: 12.4kg/27.2lb
- Shipping weight: 15.2kg/33.5lb

## Options and accessories

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

## ZebraLink™ solutions

### Software

- ZebraDesigner™ Pro (optional)
- ZebraDesigner
- ZebraNet™ Bridge Enterprise
- ZebraNet Utilities v 7.0
- Zebra Universal Driver
- ZBI-Developer™

### Networking options

- ZebraNet Internal Wireless Plus PrintServer
- ZebraNet 10/100 PrintServer option (internal or external)

### Firmware

- ZPL II®
- Zebra Global Printing Solution
- EPL2™
- Web View
- Alert
- ZBI 2.0™
- ZBI-Developer

## Bar code symbologies

- Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN with 2 or 5 digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar, Planet Code
- 2-Dimensional: Aztec, Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, TLC 39, RSS (ZPL only, other firmware languages may vary)

## Fonts and graphics

- 7 bitmapped, 1 smooth-scalable (CG Triumvirate™ Bold Condensed)
- International character sets supporting the following code page: IBM® Code Page 850 International character set
- Supports user-defined fonts and graphics, including custom logos
- ZPL II drawing commands including boxes and lines
- Contains UFST® from Monotype Imaging Inc.

**For optimum print quality and printer performance, use genuine Zebra supplies.**

## Thinking about mobilising your workforce?

The use of mobile printers in a warehouse or supply-chain environment improves productivity and provides a fast return on investment.

▶ **To find out how your business could benefit from a Zebra mobile-printing solution, please visit [www.zebra.com](http://www.zebra.com), call +44 (0)1628 556000 or e-mail [mseurope@zebra.com](mailto:mseurope@zebra.com)**

\*Specifications subject to change without notice.

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