

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



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, call +44 (0)1628 556000 or e-mail mseurope@zebra.com**

*Specifications subject to change without notice.

©2010 ZIH Corp. Element Energy Equalizer, E3, EPL, EPL2, Genuine Zebra, ZBI 2.0™, ZBI-Developer, ZebraDesigner, ZebraLink, ZebraNet and all product names and numbers are Zebra trademarks, and Zebra, representation of Zebra Head, ZebraNet, ZPL and ZPL II are registered trademarks of ZIH Corp. All rights reserved. CG Triumvirate is a trademark of Monotype Imaging, Inc. IBM is a registered trademark of International Business Machines Corporation. UFST is a trademark of Monotype Imaging, Inc. and may be registered in certain jurisdictions. Unicode is a trademark of Unicode, Inc. All other trademarks are the property of their respective owners.



Zebra Technologies – EMEA Headquarters & Sales Office

Zebra Technologies Europe Limited, Dukes Meadow, Millboard Road, Bourne End, Buckinghamshire, SL8 5XF, United Kingdom
Telephone: +44 (0)1628 556000 **Fax:** +44 (0)1628 556001 **E-mail:** mseurope@zebra.com **Web:** www.zebra.com

Other EMEA Locations

Europe: France, Germany, Italy, the Netherlands, Poland, Spain, Sweden **Middle East & Africa:** Dubai, South Africa