

The easy way to add dependable printing

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 203mm (8") media roll capacity that means fewer roll changes.

Easy to use

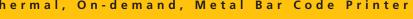
The S4M printer's front control panel features a streamlined menu for simple navigation, while its tried-and-tested sideloading design eliminates the need to thread labels and ribbons, making loading quick and easy.

Easy to integrate

For easy system integration, 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. And it will fit right in with your other printers, Zebra[®] or other brand, because it speaks a variety of programming languages (ZPL[®], EPL[™] and APL[™]).



S4M[™] Thermal, On-demand, Metal Bar Code Printer





S 4 M [™]

Zebra's S4M printer provides 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 and inventory management
- Healthcare patient safety: hospital pharmacy unit-dose labelling, specimen and lab labelling, wristband printing and admissions/records labelling
- Post and Parcel: mailing labels, franking and depot-printing

For further information on these products, please visit the Zebra® Web site at: www.zebra.com



Zebra Technologies

European Headquarters Zebra House, The Valley Centre Gordon Road, High Wycombe Buckinghamshire HP13 6EQ United Kingdom Tel: +44 (0)1494 472872 Fax: +44 (0)1494 450103

Regional Sales Office Mollsfeld 1 D-40670 Meerbusch Germany Tel: +49 (0) 2159 6768 0 Fax: +49 (0) 2159 6768 22

Regional Sales Office 50 rue Marcel Dassault F-92100 Boulogne-Billancourt France

Tel: +33 (0)1 55 20 93 93 Fax: +33 (0)1 55 20 93 99

International Headquarters 333 Corporate Woods Parkway Vernon Hills, IL 60061-3109 USA Tel: +1 847 793 2600 Fax: +1 847 913 8766

Other LUC	ations
United States: California, Florida, Rhode Island,	
	Wisconsin
Europe:	Italy, the Netherlands, Poland,
	Spain, Sweden
Asia-Pacific:	Australia, China, Japan, Singapore,
	South Korea
Middle East:	Dubai



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Specifications at a Glance*

Standard Features

- · Print methods: Direct thermal or thermal transfer • Construction: Die-cast metal frame with sheet metal enclosure
- Metal media cover with enlarged clear window

Operating Characteristics

Environment

- Operating Temp. 5°C (40°F) to 40°C (104°F) (Thermal Transfer) and 0°C (32°F) to 40°C (104°F) (Direct Thermal)
- Storage Temp. -40°C (-40°F) to 60°C (140°F)
- Operating Humidity 20% to 85% non-condensing
- Storage Humidity 5% to 85% non-condensing

Media Characteristics

Labels

Max. Length (non-continuous) • 991mm (39")

Max. Roll Size

• 203mm (8.0") O.D on a 76mm (3.0") I.D. core • 152mm (6.0") O.D. on a 25mm (1.0") I.D. core

Max. Media Width

- 19.4mm (0.75") to 114mm (4.50")
- Thickness • 0.076mm (0.003") to 0.25mm (0.010")
- Media Types • Continuous, die-cut, tags, black-mark

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

Fonts/Graphics/Symbologies

Fonts and Character Sets

- (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

Graphic Features

- Support for user-defined fonts and graphics including custom logos
- ZPL II drawing commands including boxes and lines

Options and Accessories

- Printhead 12 points per mm (300 dpi)
- Peel a front-mount passive-peel option with no take-up spindle • Factory-installed 64MB flash memory option
- Real-time clock (RTC) option

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- Keyboard display unit (KDU)
- ZebraNet Wireless Print Server option (internal) • ZebraNet 10/100 Print Server option (internal or
- external) • ZebraNet Print Server II option (external)
- *Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice.

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- **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)

S 4 M [™]

ZebraLink[™] Solutions

Software

ZebraDesigner[™] Pro (optional) Zebra Designer ZebraNet[™] Bridge Enterprise ZebraNet[®] Utilities v 7.0 Zebra[®] Universal Driver

Networking Options

ZebraNet Wireless Print Server option (internal) ZebraNet 10/100 Print Server option (internal or external) ZebraNet PrintServer II option (external)

Firmware

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 Alternate 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 e-mailenabled wired or wireless device to minimise downtime. (ZPL only)

The S4M model's affordability, ease of use, metal construction and variety of connectivity options make it outstanding value.

S4M

Maximum Print Area

Width: 104mm (4.09") Length: 203 dpi: 3,988mm (157") 300 dpi: 1,854mm (73") (optional)

Resolution

8 dots per mm (203 dpi) 12 dots per mm (300 dpi) (optional)

Maximum Print Speed 152mm (6") per second

Memory

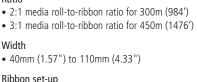
4MB flash, 8MB DRAM

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)

Media Specifications

Label and liner width: 19.4mm (0.75") to 114mm (4.5") Transmissive and reflective sensors



• Element Energy Equalizer™ (E^{3®}) for superior print quality

• Universal auto-ranging (PFC-compliant) power supply

• Markings: cULus, CE Marking, FCC-B, ICES-003, VCCI,

• 81.3mm (3.2") O.D. on a 25.4mm (1.0") I.D. core

• IEC 60950, EN 55022 Class B, EN 55024,

EN 61000-3-2, EN 61000-3-3

C-Tick, NOM, IRAM, CCC, GOST-R

• Back-lit LCD control panel

Electrical

Markings

Ribbons

Ratio

Width

Max. Roll Size

Standard Lengths

• 300m (984') or 450m (1476')

• Ribbon wound ink-side out

90-265VAC, 48-62Hz

Agency Approvals

• Parallel, USB 1.1 and RS-232 serial ports

• Transmissive and reflective sensors

