



S4M™

Thermal, On-demand, Metal Bar Code Printer

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 side-loading 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™).



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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



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Other Locations

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



Reliability on demand™



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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
- Element Energy Equalizer™ (E³) for superior print quality
- Back-lit LCD control panel
- Parallel, USB 1.1 and RS-232 serial ports
- Transmissive and reflective sensors

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

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

- Markings: cULus, CE Marking, FCC-B, ICES-003, VCCI, C-Tick, NOM, IRAM, CCC, GOST-R

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
- 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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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-mail-enabled 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