S4M™—The Simple Way to Add Dependable Printing

Whether you’re new to bar coding, upgrading from an older Stripe or desktop printer, or adding new printers, Zebra’s S4M thermal printer delivers an affordable solution for many labeling 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 in the market.

Simple to Use

The S4M printer offers a variety of ways to connect—from serial, parallel, and USB interfaces to internal 10/100 Ethernet or IEEE 802.11b/g—for simple system integration. And it will 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.

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

- Compliance labeling—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 labeling for packing, shipping, inventory management
- Healthcare patient safety—hospital pharmacy unit-dose labeling, specimen and lab labeling, wristband printing, admissions/records labeling
- Unicode™ compliant—for faster, multi-language printing to meet global needs
Specifications at a Glance

**STANDARD FEATURES**
- Print methods: Direct thermal; Thermal transfer (optional)
- Construction: Die-cast metal frame with sheet metal enclosure
- Metal media cover with enlarged clear window
- Element Energy Equalizer™ (E3™) for superior print quality
- XML-Enabled printing—direct-connect integration for bar code label printing; eliminates license fees and print server hardware and lowers customization and programming costs
- Back-fit LCD control panel
- Parallel, USB 1.1 and RS-232 serial ports

**PRINTER SPECIFICATIONS**
- **Resolution**: 203 dpi/8 dots per mm; 300 dpi/12 dots per mm (optional)
- **Memory**: Standard: 4 MB Flash, 8 MB DRAM
- **Print Speed**: 4.09/104 mm
- **Print Length**: 203 dpi: 157/3.988 mm
- **Print Width**: 300 dpi: 73/1.854 mm (optional)
- **Media Sensors**: Transmissive and reflective sensing sensors
- **MEDIA CHARACTERISTICS**
  - Maximum non-continuous label length: Maximum non-continuous: 39/991 mm
  - Maximum label and liner width: 0.75/19.4 mm to 4.5/114 mm
- **RIBBON CHARACTERISTICS**
  - Outside diameter: 3.2/81.3 mm
  - Standard length: 984/300 m or 1476/450 m
  - Ratio: 2.1 media roll to ribbon ratio for 984/300 m
  - 3.1 media roll ribbon ratio for 1476/450 m
  - Width: 1.57/40 mm to 4.33/110 mm

**RIBBON SETUP**
- Ribbon wound ink-side out
- Core I.D.: 1.07/25.4 mm

**OPERATING CHARACTERISTICS**
- **Environmental**: Operating temperature: 40°F/5°C to 104°F/40°C (Thermal Transfer); 32°F/0°C to 104°F/40°C (Direct Thermal)
- Storage temperature: -40°F/-40°C to 140°F/60°C
- Operating humidity: 20-85% non-condensing
- Storage humidity: 5-85% non-condensing

**ELECTRICAL**
- **Universal auto-ranging (PFC-compliant)**
- Power supply: 90-265 VAC; 48-62Hz

**PHYSICAL CHARACTERISTICS**
- Width: 10.7/272 mm
- Height: 11.6/295 mm
- Depth: 8.18/203 mm
- Weight: 27.2 lbs/12.4 kg
- Shipping weight: 33.5 lbs/15.2 kg

**ZEBRALINK™ SOLUTIONS**
- **Software**: ZebraDesigner™ Pro
- **ZebraDesigner for XML**
- **ZebraNet™ Bridge Enterprise**
- **ZebraNet Utilities v 7.0**
- **Zebra Universal Driver**
- **ZBI-Developer™**

**NETWORKING OPTIONS**
- **ZebraNet® Internal Wireless Plus option**
- **ZebraNet Wireless Plus option**—supports ZPL® and EPL™
- **ZebraNet 10/100 Print Server option** (internal or external)

**FIRMWARE**
- **ZPL II®**
- **Global Printing**
- **EPL2™**
- **XML-Enabled printing**
- **AFL•/•AFL•D™**
- **Webview**
- **Alert**
- **ZBI 2.0™**

**BAR CODE SYMBOLOGIES**
- **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, Logmats, MSI, Codabar, Planet Code, GS1 Databar (RSS)
- **2-Dimensional**
  - Aztec, Codablock, PDF417, Code 4, Data Matrix, GS1 Databar (RSS), MaxiCode, QR Code, MicroPDF417, TLC 39

**OPTIONS AND 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 option**
- **Keyboard display unit (KDU)**

**FONT AND GRAPHICS**
- 7 bitmapped, 1 smooth scalable
- (CG Trumvire™ Bold Condensed)
- International character sets supporting the following code page: IBM® Code Page 850

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**OTHER LOCATIONS**
- USA California, Georgia, Rhode Island, Texas, Wisconsin
  - EUPE France, Germany, Italy, Netherlands, Poland, Spain, Sweden
  - ASIA-PACIFIC Australia, China, Japan, South Korea
  - LATIN AMERICA Florida (USA), Mexico
  - AFRICA/MIDDLE EAST India, Russia, South Africa, United Arab Emirates

**S4M**
The next generation in the legacy Stripe series, the S4M’s affordability, ease of use, metal construction and a variety of connectivity options make it an outstanding value.