Zebra® S4M™

The Next Generation in the Legacy Stripe® Series
Thermal, On-Demand, Metal Bar Code Printer

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.
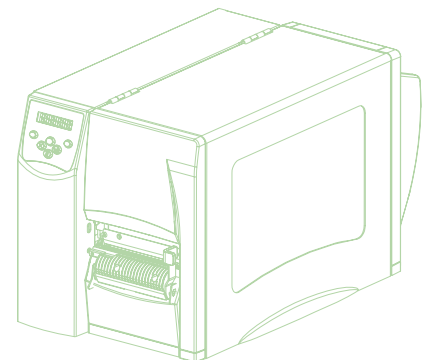
Designed for the budget-minded, this printer offers you ease of use, the durability of a metal frame/case, and a full 8″ media roll capacity that means fewer label changes. The S4M is an outstanding value compared to similar printers in the market.

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

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.

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-lit 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 Width
4.09"/104 mm

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

Print Speed
6"/152 mm per second

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 4.50'/114 mm

Maximum media roll size
8.0"/203 mm O.D. on a 3.0"/76 mm I.D. core
6.0"/152 mm O.D. on a 1.0"/25 mm I.D. core

Media thickness
0.003"/0.076 mm to 0.010"/0.25 mm

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

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.
1.0"/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

Agency Approvals
IEC60950, EN55022 Class B, EN55024, EN61000-3-2, EN 61000-3-3.
Markings: cULus, CE, Marking,FCC-B, ICES-003, VCCI, C-Tick, NOM, IRAM, CCC, GOST-R

PHYSICAL CHARACTERISTICS

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

ZEBRALINK™ SOLUTIONS

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

Networking Options
ZebraNet® Wireless Plus option (internal)— supports ZPL® and EPL™
ZebraNet 10/100 Print Server option (internal or external)

Firmware
ZPL II®
Global Printing
EPL2™
XML-Enabled printing
APL-I™/APL-D™
Webview
Alert
ZBI 2.0™

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
Support user-defined fonts and graphics— including custom logos
ZPL II drawing commands—including boxes and lines
Contains UFST® from Monotype Imaging Inc.

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, Plessy, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, 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)

*Specifications subject to change without notice.