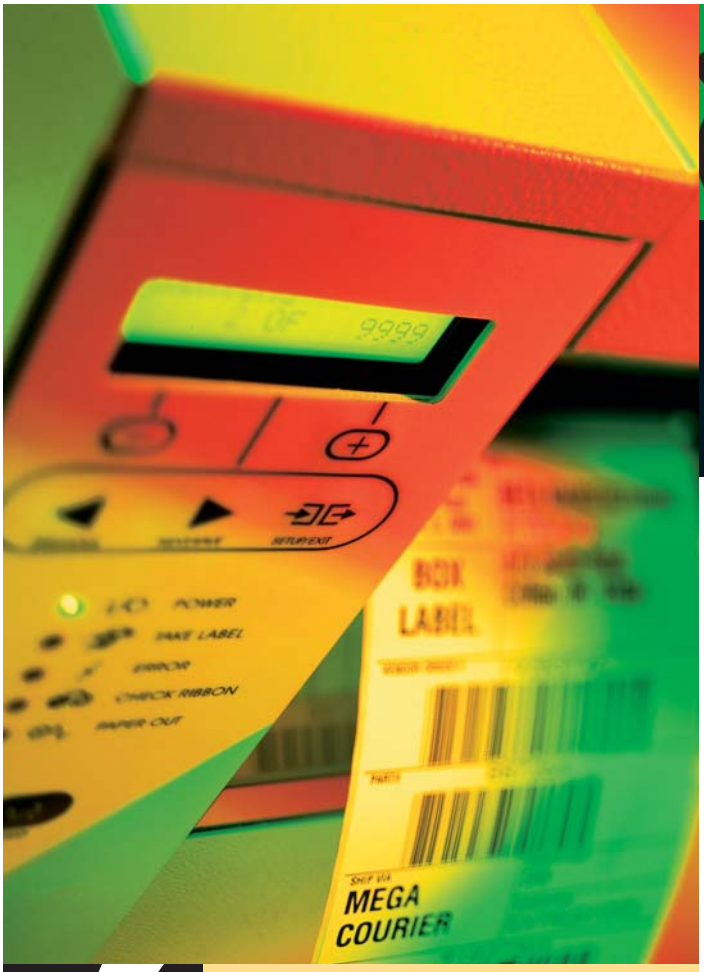

Zebra® 105*SL*™

Thermal, On-Demand, All-Metal Bar Code Printer

Serious about bar coding? Here's the choice of experience.

The 105*SL* combines enhanced memory, processing capacity, and features with rugged and reliable all-metal construction. Proven platform longevity plus fast processing and print speed make it the choice of experienced users who value reliability, productivity, consistent print quality, network compatibility, and superior service and support.

Cutting-Edge Network Connectivity

The 105*SL* offers flexible connectivity solutions including ZebraNet® Wireless Print Server to free you to move or reconfigure the printer without costly recabling, plus ZebraNet 10/100 Print Server, which offers a complete wired solution when using 10Base-T, 100Base-TX, and fast Ethernet 10/100 auto-switching networks. And with Zebra advanced printer management, gain the efficiency and the ease of centralized monitoring and control of your Zebra printers and ZebraNet print servers.

The 105*SL* is ideal for moderate- to high-volume printing applications (including distributed, batch, or single format) in:

- Manufacturing and compliance labeling
- Logistics and inventory control
- Product identification marking
- Work in process

Zebra®

105*SL*

A tough steel housing, metal interior components, and an extruded metal printhead mechanism contribute to the105*SL*'s reliability in industrial environments.

STANDARD FEATURES

Print methods: Thermal transfer or direct thermal
Construction: Steel frame and cabinet with metal interior components
Multi-level Element Energy Equalizer™ ($E^{3®}$) for superior print quality
Fast 32-bit processing
Selectable print speeds up to 8"/second
Transmissive media sensor
Standard 2-line, 16-character LCD control panel

PRINTER SPECIFICATIONS

Resolution
203 dpi/8 dots per mm;
300 dpi/12 dots per mm (optional)

Memory
Standard: 6 MB SDRAM; 4 MB Flash
Optional: Available up to 256 MB (PCMCIA card or CompactFlash)

Print Width
Width: 4.09"/104 mm

Print Length with 203 dpi:
106"/2,692 mm (with standard memory)

Print Length with 300 dpi (optional):
65"/1,651 mm (with standard memory)

Print Speed
8"/203 mm per second (203/300 dpi)

Media Sensors
Transmissive
Reflective (optional)

*Specifications subject to change without notice.
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Specifications at a Glance*

MEDIA CHARACTERISTICS

Maximum label and liner length
39"/991 mm

Maximum label and liner width
.79"/20 mm to 4.52"/115 mm

Maximum roll outer diameter (O.D.)
8"/203 mm

Core inner diameter (I.D.)
3"/76 mm

Media thickness
.003"/.076 mm to .012"/.305 mm

Media types
Roll-feed, die-cut, continuous, fanfold, tags, tickets
For optimum print quality and printer performance, use Genuine Zebra Supplies.

RIBBON CHARACTERISTICS

Outside diameter
3.2"/81.3 mm

Standard length
984'/300 m to 1,476'/450 m

Ratio
2:1 and 3:1 media roll to ribbon ratio

Width
.79"/20 mm to 4.5"/114 mm

Ribbon setup
Ribbon wound ink side out
Ribbon is recommended to be at least as wide as media.

Core inner diameter (I.D.)
1"/25.4 mm

OPERATING CHARACTERISTICS

Environmental
Operating Temp. 41° F/5° C to 104° F/40° C
Storage/Environ. -40° F/-40° C to 140° F/60° C
Operating Humidity 20-85% non-condensing
Storage Humidity 5-85% non-condensing

Electrical
Universal power supple with factor correction 90-264 VAC; 48-63 Hz

Agency Approvals
UL 1950; CISPR 22 (Class B); CSA 950; IEC 950; 801-2, -3 and -4 standards; Canadian Doc. (Class A); FCC (Class A); CE compliance

PHYSICAL CHARACTERISTICS

Width: 11.2"/283 mm
Height: 15.5"/394 mm
Depth: 19.5"/495 mm
Weight: 55 lbs/25 kg
Shipping weight: 63 lbs./29 kg

RELATED PRODUCTS

Options and Accessories
300 dpi printhead
Full width cutter with orderable catch tray
Internal rewind spindle
Peel/liner rewind (for print-and-apply)
Reflective media sensor
Fanfold bin

ZEBRALINK™ SOLUTIONS

Software
ZebraDesigner™ Pro
ZebraNet™ Bridge Enterprise
ZebraNet Utilities v 7.0
Zebra Universal Driver
European and Asian font sets

Networking
ZebraNet 10/100 Print Server (internal or external)
ZebraNet Wireless Print Server
ZebraNet PrintServer II (internal or external)
Twinax and coax interfaces (internal)

Firmware
ZPL II®—Universal language for Zebra printers. Simplifies label formatting and enables format compatibility with other Zebra printers.
APL™—In many cases, Zebra's Alternate Programming Language allows integration of the 105*SL* printer into mixed printer environments without format re-programming (available in 203 dpi printers only). For additional information on Zebra's APL products please visit www.zebra.com.
Web View—Enables you to connect and control your bar code printer's Web interface using a common Web browser.
Alert—Printers equipped with ZebraNet print servers will notify you via any email-enabled, wired, or wireless device to minimize downtime.

COMMUNICATION AND INTERFACE CAPABILITIES

Centronics® RS-232 RS-422*, and RS-485* serial ports; IEEE 1284 bi-directional parallel

BAR CODE SYMBOLOGIES

Linear Bar Codes
Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, 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, Logmars, MSI, Codabar, RSS

2-Dimensional
Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, RSS

FONTS AND GRAPHICS

Fonts and Character Sets
Standard Fonts: 7 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed)
Sets: IBM® Code Page 850 International character set
Contains UFST® from Agfa Monotype Corp.

Graphic Features
Supports user-defined fonts and graphics—including custom logos
ZPL II drawing commands—including boxes, circles and diagonal lines

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