105SL™
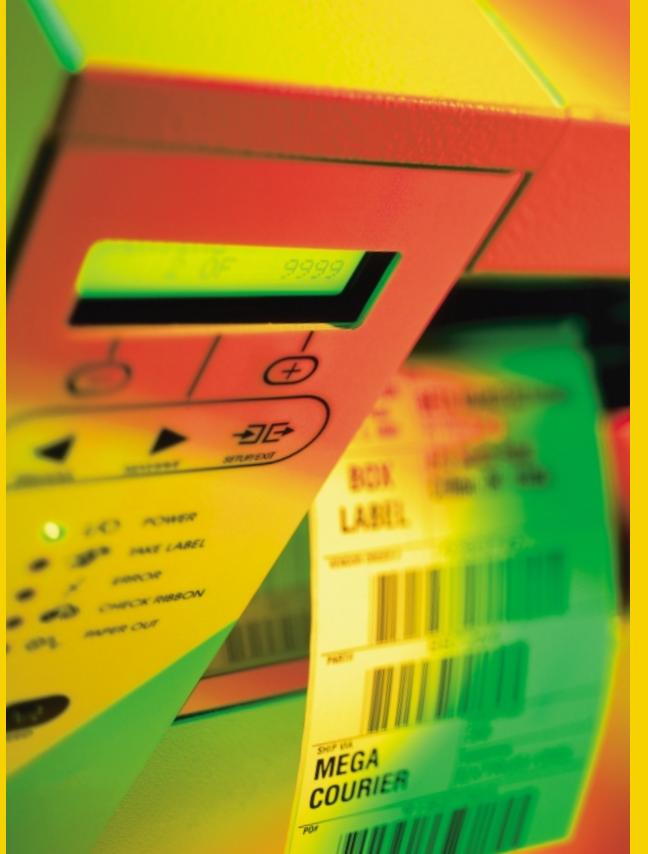
Thermal, On-demand, All-metal Bar Code Printer

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

The 105SL is the newest member of Zebra's S Series™, and it's also the fastest, combining enhanced memory and processing capacity with rugged and reliable all-metal construction. Based on a proven platform with cutting-edge ZebraLink connectivity, the 105SL is the choice of experienced users.

Real-time Connectivity and Control

The 105SL is ideal for operations that rely on bar code automation and centralized printer management. It's a perfect fit for manufacturing and compliance labeling, product ID marking, logistics and inventory control, and work-in-process applications.

Connect with it. Count on it.™

105SL™

Made to Last
- Tough steel housing with reinforced box section design
- Metal interior components include gear drives, spindles, and adjustment controls
- Extruded metal printhead mechanism

Network Connectivity
- *NEW* ZebraLink™ real-time connectivity and control
- Multiple connectivity options
- Compatibility with any installed ZPL® legacy application

Enhanced Features
- Fast 32-bit processing
- Prints up to 8ips
- 3MB DRAM (user-available) to print labels up to 106″ long
- 750KB Flash memory (user-available)
- 203 or 300dpi printhead resolution
- Backlit LCD control panel; auto-calibration

For more information

Contact your Zebra representative for additional printer specifications. For information on Zebra's desktop and mobile printers, supplies, software and accessories, ask your reseller, call +1 800.423.0442, or visit our Web site.

www.zebra.com

Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: Steel frame and cabinet with metal interior components
- Thin film printhead with E³® Printhead Energy Control
- Fast 32-bit processing
- Selectable print speeds up to 8ips
- ZebraLink connectivity
- Transmissive media sensor
- Standard 2-line, 16-character LCD control panel

Zebra Programming Language

- ZPL® & ZPL II®—universal language for Zebra printers. Simplifies label formatting and enables seamless compatibility with other Zebra printers.
- ZBI—Controls and interprets text and data from peripherals and non-ZPL printer programming languages. Transmits captured data over LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

Operating Characteristics

Environment

- Operating Temp. 41°F/5°C to 104°F/40°C
- Storage/Transport 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 supply with factor correction 90-264 VAC; 48-63Hz

Communication Interface Capabilities

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

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

*may require optional adapter

Media Characteristics

Labels

Max. Roll Size
- 8"/203mm O.D. on a 3"/76mm I.D. core

Thickness (label & liner)
- .003"/.076mm to .0012"/.305mm

Media Types
- Roll-feed, die-cut, continuous, fanfold, tags, tickets

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

Ribbons

Max. Roll Size
- 3.2"/81.3mm O.D. on a 1"/25.4mm I.D. core

Standard Lengths
- 984'/300m-1,476'/450m capacity; provides 2:1 and 3:1 media roll to ribbon ratios

Ribbon Setup
- Ribbon wound ink side out

Ribbon is recommended to be at least as wide as media.

Fonts/Graphics/Symbologies

Fonts and Character Sets

- Standard Fonts: 9 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed)
- Sets: IBM® Code Page 850 International character set
- Optional European and Asian font sets

Graphic Features

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

Bar Code Symbologies

- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-p128, 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
- 2-Dimensional: CODABLOCK, PDF417, Code 49, DataMatrix, MaxiCode, QR Code, Micro PDF417

Options and Accessories

- 300dpi printhead
- PCMCIA memory slot (up to 8MB Flash)
- Full width cutter with orderable catch tray
- Internal rewind spindle
- Peel/liner rewind (for print-and-apply)
- Reflective media sensor

- Fan-fold bin
- ZebraNet PrintServer II (internal or external)
- Twinax and coax interfaces (internal)
- BAR-ONE® software
- European and Asian font sets

*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved.

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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**

Maximum Print Area
Width: 4.09"/104mm
Length with 203dpi:
    106"/2,692mm (with standard memory)
Length with 300dpi (optional):
    65"/1,651mm (with standard memory)

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

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

Memory
Standard: 3MB DRAM (user-available)
    750KB Flash (user-available);
Optional: 8MB Flash (PCMCIA card)

Physical Characteristics
Width: 11.2"/283mm
Depth: 19.5"/495mm
Height: 15.5"/394mm
Weight: 55lbs/25kg

Media Specifications
Label and liner width:
    .79"/20mm to 4.52"/115mm
Ribbon width:
    .79"/20mm to 4.5"/114mm

ZebraLink™

ZebraLink, a revolutionary real-time connectivity and control solution for Zebra printers, includes:

1. *Alert* (with ZebraNet® PrintServer II)—enables a Zebra printer to send unsolicited status messages via email–enabled devices.

2. *WebView* (with ZebraNet PrintServer II)—enables the remote monitoring and configuration capability of Zebra printers using Web-based network tools.

3. *ZBI*™ (Zebra BASIC Interpreter)—programming language that works with ZPL II to control and interpret incoming text and data.

ZebraLink gives you the freedom to create stand-alone applications using a 105*SL* and peripheral devices, such as a scale scanner wand, without needing a PC host. Internet-aware, ZBI can then transmit data captured by these devices over your LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

**Test drive it today at
www.zebra.com/livelink**