# 105*SL*™

**ZEBRA TECHNOLOGIES**

# Thermal, On-demand, All-metal Bar Code Printer

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

The 105*SL* is the latest member of Zebra's *S* Series™ combining fast processing with rugged and reliable all-metal construction. Based on a proven platform, the 105*SL* is the choice of experienced users.

## Cutting-edge network connectivity

The 105*SL* offers flexible connectivity solutions including ZebraNet® Wireless Plus Print Server for a 802.11g wireless LAN connection that frees you to move or reconfigure the printer without costly recabling. ZebraNet 10/100 Print Server provides a complete wired solution for the 105*SL* when using 10Base-T, 100Base-TX or fast Ethernet 10/100 auto-switching networks.

## 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

- ZebraLink™ real-time connectivity and control
- Multiple connectivity options
- Compatibility with any installed ZPL® application

## Get the most out of your Zebra, put genuine Zebra supplies in!

**Zebra offers a wide range of supplies for 105SL printers, all made to a high standard and suitable for a variety of applications.**

- Manufactured exclusively for Zebra printers
- Laboratory-tested for optimum performance
- Proven to minimise wear and tear on printheads

▶ **For more information, visit www.zebra.com**

## Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: 12-gauge steel frame with metal interior components
- Thin-film printhead with E³® Printhead Energy Control
- Fast 32-bit processors
- Real-time clock
- Selectable print speeds up to 203mm (8") per second
- ZebraLink™ connectivity
- Transmissive media sensor
- Standard 2-line, 16-character LCD control panel
- ZPL II® – universal language for Zebra printers

## Operating Characteristics

### Environment

- Operating Temperature: 5°C (41°F) to 40°C (104°F)
- Storage/Transport Environment: -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 power supply with power-factor correction 90-264VAC; 48-63Hz

### Communication Interface Capabilities

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

**May require optional adaptor

### 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

## Media Characteristics

### Labels

### Max. Roll Size

- 203mm (8") O.D. on a 76mm (3") I.D. core

### Thickness (label & liner)

- 0.076mm (0.003") to 0.305mm (0.012")

### Width (label & liner)

- 20mm (0.79") to 115mm (4.52")

### Media Types

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

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

## Ribbons

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

### Max. Roll Size

- 81.3mm (3.2") O.D. on a 25.4mm (1") I.D. core

### Ribbon Width

- 20mm (0.79") to 114mm (4.5")

### Standard Lengths

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

### Ribbon Setup

- Ribbon wound ink-side out

## Fonts/Graphics/Symbologies

### Fonts and Character Sets

- Standard Fonts: 7 bitmapped, 1 smooth-scalable (CG Triumvirate™ Bold Condensed)
- Contains UFST® from Agfa Monotype Corporation
- Pre-loaded Unicode™-compliant scalable fonts for EMEA character sets
- Sets: IBM® Code Page 850 International character set

### 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: Codabar, Code 11, Code 39, Code 93, Code128 with subsets A/B/C and UCC Case Codes, EAN-8, EAN-13, Industrial 2-of-5, Interleaved 2-of-5, ISBT-128, Logmars, MSI, Plessey, Postnet, RSS, Standard 2-of-5, UPC-A, UPC-E, UPC and EAN 2 or 5 digit extensions
- 2-Dimensional: Codablock, Code 49, Data Matrix, MaxiCode, MicroPDF417, PDF417, QR Code, RSS

## Options and Accessories

- 300dpi printhead
- PCMCIA memory slot (up to 32MB flash)
- Full-width cutter with orderable catch tray
- Internal rewind spindle
- Peel/liner rewind (for print-and-apply)
- Reflective media sensor
- Fanfold bin
- ZebraNet® 10/100 Print Server (internal or external)
- ZebraNet PrintServer II (internal or external)
- ZebraNet Wireless Plus Print Server
- Twinax and coax interfaces (internal)
- European and Asian font sets

## 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 Plus 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

**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 e-mail-enabled wired or wireless device to minimise downtime

## Technical Specification

### Maximum Print Area

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

### Resolution

8 dots per mm (203dpi) (standard)
12 dots per mm (300dpi) (optional)

### Maximum Print Speed

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

### Memory

Standard: 6MB DRAM
4MB flash
Optional: 32MB flash (PCMCIA card)

### Physical Characteristics

Width: 283mm (11.2")
Depth: 459mm (19.5")
Height: 394mm (15.5")
Weight: 25kg (55lb)

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## Thinking about mobilising your workforce?

**The use of mobile printers in a warehouse or supply-chain environment improves productivity and provides a fast return on investment.**

▶ **To find out how your business could benefit from a Zebra mobile-printing solution, please visit www.zebra.com, call +44 (0)1628 556000 or e-mail mseurope@zebra.com**