



# **Zebra<sup>®</sup> 105***SL*<sup>TM</sup>



# **Serious About Bar Coding?** Here's the Choice of Experience

The 105SL 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 105SL offers flexible connectivity options including ZebraNet® Wireless Plus 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.

# **GENUINE ZEBRATM SUPPLIES**

Get the most out of your resources—use genuine Zebra supplies! Our wide range of printer media and ribbons are Zebra-manufactured and -tested to ensure optimal performance in Zebra printers.



For more information, visit www.zebra.com

The 105SL 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



# Specifications at a Glance\*

#### **Standard Features**

- Print methods: Thermal transfer or direct thermal
- Construction: Steel frame and cabinet with metal interior components
- Single-level Element Energy Equalizer<sup>TM</sup> (E<sup>3TM</sup>)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
- Internal real-time clock
- Unicode<sup>™</sup> compliant
- XML-Enabled printing—direct-connect integration for bar code label printing; eliminates license fees and print server hardware and lowers customization and programming costs

#### **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: Up to 256 MB—PCMCIA card or CompactFlash<sup>®</sup> (CompactFlash not supported with ZebraNet Wireless Plus)
  - 64 MB Flash memory (factory installed)

### 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 (standard) and Reflective (optional)

#### **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

TECHNOLOGIES

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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<sup>™</sup> supplies.

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Corporate Headquarters

E-mail: inquiry4@zebra.com

+1 800 423 0442

Other Locations

United Arab Emirates

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## **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. 32° F/0° 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 supply 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

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- Internal rewind spindle
- Peel/liner rewind (for print-and-apply)
- Reflective media sensor

#### • Fanfold bin

Asia-Pacific Headquarters

E-mail: apacchannelmarketing@zebra.com

+65 6858 0722

#### Zebralink<sup>TM</sup> Solutions

#### Software

- ZebraDesigner<sup>™</sup> Pro
- ZebraDesigner for XML
- ZebraDesigner
- ZebraNet<sup>™</sup> Bridge Enterprise
- ZebraNet Utilities v 7.0
- Zebra Universal Driver
- European and Asian font sets
  ZBI-Developer<sup>TM</sup>

#### Networking

- ZebraNet® 10/100 Print Server
- ZebraNet Wireless Plus
- Twinax and coax interfaces (internal)

#### Firmware

- ZPL II®
- Global Printing
- APL-I™/APL-D™ (Contact Zebra Development Services for additional details)
- Web View
- Alert
- XML-Enabled printing
- ZBI 2.0<sup>тм</sup>

#### **Communication and Interface Capabilities**

Centronics  $^{\odot}$  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, GS1 DataBar (RSS)

Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, GS1 DataBar (RSS), Aztec

· Standard Fonts: 7 bitmapped, 1 smooth scalable

• Contains UFST® from Monotype Imaging, Inc.

· Supports user-defined fonts and graphics-including

ZPL II drawing commands—including boxes, circles

Latin America Headquarters

E-mail: inquiry4@zebra.com

GSA#: GS-35F-0268N

P1024472 Rev. 28 (12/10)

+18479552283

(CG Triumvirate<sup>™</sup> Bold Condensed)

• Sets: IBM® Code Page 850 International

#### 2-Dimensional

character set

**Graphic Features** 

custom logos

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+44(0)1494472872

E-mail: mseurope@zebra.com

and diagonal lines

Fonts and Graphics

Fonts and Character Sets