Zebra® 105SL*Plus*™

ZEBRA TECHNOLOGIES

SEE MORE. DO MORE.

Zebra's 105SL*Plus* provides economical, dependable, high-performance printing. This rugged printer is built for continuous operation, with exactly the features needed for fast, reliable and cost-effective printing in your manufacturing and warehousing environments.

Zebra created the 105SL*Plus* with ease of use in mind. The icon-based, multilingual graphical LCD user interface is intuitive to operate, minimizing user training and making the printer ideal for a multitude of languages and global applications. The simplified ribbon loading process minimizes downtime.

The 105SL*Plus* offers durable all-metal construction and a robust print mechanism to withstand the toughest environments. The 105SL*Plus* leverages Zebra's proven electronics platform to offer increased speed for high-volume applications—and increased storage of formats, fonts and graphics. Element Energy Equalizer™ (E³™) technology extends the life of the printhead and provides outstanding print quality.

The 105SL*Plus* is designed to easily fit into existing operations. Multiple standard connectivity options including parallel, serial, USB and Ethernet coupled with full backward compatibility makes integration fast and simple. For added connectivity, choose the optional ZebraNet® b/g Print Server for wireless support.

Ideal for These Applications

Manufacturing / Product identification labels, Packaging labels, Receiving/Put-away labeling, Work-in-process

Transportation & Logistics / Order picking/packing, Shipping/ Receiving, Cross-docking, Compliance labeling

Retail / Shipping, Returns

Government / Asset tracking, Compliance labeling, Inventory labeling

SPECIFICATIONS AT A GLANCE*

Printer Name

105SL*Plus*

Standard Features

- Full-function front panel and large multilingual back-lit LCD display—with user-programmable password protection
- Thin film printhead with Element Energy Equalizer™ (E³™) for superior print quality
- 8 MB Flash memory—including 2 MB user-available non-volatile memory storage for downloadable objects
- Serial RS-232 and bi-directional parallel ports—with auto detect
- USB 2.0
- Dual media sensors—transmissive and reflective, selectable through software or front panel
- Internal ZebraNet® 10/100 Print Server—supports 10Base-T, 100Base-TX, and fast Ethernet 10/100 auto-switching networks.

Printer Specifications

Resolution

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

Memory

Standard: 16 MB SDRAM; 8 MB Flash

Print width

4.0"/102 mm

Print length

- 203 dpi: 150"/3810 mm (with standard memory)
- 300 dpi (optional): 100"/2540 mm (with standard memory)

Print speed

- 203 dpi: 12"/305 mm per second
- 300 dpi: 10"/254 mm per second

Media Specifications

- Media types: continuous, die-cut, or black mark, notch
- Media thickness (label and liner): 0.003"/0.076 mm to 0.012"/0.305 mm
- Maximum media roll size: 8.0"/203 mm O.D. on a 3"/76 mm I.D. core
- Media width (label and liner): 0.79"/20 mm to 4.5"/114 mm
- Maximum non-continuous label length: 39"/991 mm

Ribbon Characteristics

- Standard Lengths: 1476'/450 m or 984'/300 m Provides 2:1 and 3:1 media roll to ribbon ratios
- Maximum ribbon roll size: 3.2"/81.3 mm O.D. on a 1.0"/25.4 mm I.D. core
- Ribbon wound coated-side out
- Ribbon width: 0.79"/20 mm to 4.33"/110 mm

Operating Characteristics

Environmental

- Operating environment:
  - Thermal transfer = 40° F/5° C to 105° F/40° C
  - Direct thermal = 32° F/0° C to 105° F/40° C
- Operating Humidity: 20% to 85% non-condensing
- Storage/Transportation environment: -40° F/-40° C to 140° F/60° C
- Storage Humidity: 5% to 85% non-condensing

Electrical

- Universal power supply with power-factor correction 100-240 VAC, 47–63 Hz

Agency Approvals

- IEC 60950-1, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3
- Product Markings: cTUVus, CE, FCC-B, ICES-003, VCCI, C-Tick, NOM, S-Mark(Arg), CCC, GOST-R, BSMI, KCC, and UkrSEPRO

Physical Characteristics

- Height: 15.5"/393.7 mm
- Width: 10.31"/261.9 mm
- Depth: 20.38"/517.5 mm
- Weight: 50 lbs/22.7 kg

Options and Accessories

- 300 dpi
- Cutter and catch tray
- Media rewind spindle—internal finished roll rewind or passive-peel with liner take-up spindle 64 MB On-Board Linear Flash Memory (factory installed only)
- Scalable and international fonts

ZebraLink™ Solutions

Software

- ZebraDesigner™ Pro
- ZebraDesigner for XML
- ZebraNet™ Bridge Enterprise
- ZebraNet™ Utilities v 7.0

Optional Connectivity

- ZebraNet® b/g Print Server (internal)

Firmware

- ZPL II®
- Zebra Global Printing Solution
- Web View & Alert
- ZBI 2.0™ (optional)

Fonts/Graphics/Symbologies

Fonts and Character Sets

- Zebra Global printing solution including Unicode™
- Swiss 721 font standard
- Bitmap fonts A to H and GS symbols are expandable up to 10 times, height- and width-independent
- Smooth-scalable font Ø (CG Triumvirate™ Bold Condensed) is expandable dot-by-dot, height- and width-independent
- IBM® Code Page 850 International Characters
- Contains UFST® from Agfa Monotype Corporation
- Firmware support for downloadable TrueType™ fonts
- Additional fonts available

Graphics Features

- Supports user-defined fonts and graphics, including custom logos

Barcode Symbologies

- All standard linear and 2D barcodes supported

For optimum print quality and printer performance, use genuine Zebra™ supplies.

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