

Zebra® 105SL*Plus*™



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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

105SLPlus

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

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

Memory

Standard: 16 MB SDRAM; 8 MB Flash

Print width

4.0"/ 104mm

Print length

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

Print speed

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

Media Specifications

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

Ribbon Characteristics

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

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

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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