

Tracking Your Future

105SL



PERFORMANCE



105SL Barcode Printer

Introduction

Digital Scanning Corporation (DSC) was founded in 1993 to provide total solutions in the area of automatic data capture and identification.

With initial focus on 1D and 2D barcode technologies, DSC's latest portable solutions now incorporate RFID (radio frequency identification) tags, labels and smart cards.

The "DSC" brand of software and hardware products are known for being affordable, of high quality and highly compatibility to existing systems.

Software

Based on Microsoft's .NET structure, Trek I.T.I. will help enterprises track and manage items or people accurately and on a real time basis.

The s/w will have 5 separate modules:

- Inventory management.
- File Tracking.
- Asset Tracking.
- Labour tracking.
- Tools tracking.

The lite version is made for "stand alone" applications and input will be by keying in or/and via batch processing. The enterprise version is network based & allows for real-time data processing . The s/w allows input from various data capture technologies such as barcodes, RFID and smartcards.

Basic Specifications:

- Resolution: 203/300 dpi options
- Width: 4.09" (104mm)
- Speed: 8"/sec (203 mm/sec)
- Construction: All metal
- ZebraLink-enabled: Yes





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Technical Specifications

Standard Features

- » Print methods: Thermal transfer or direct thermal
- » All-metal reinforced box section enclosure
- » All metal interior components - e.g drives, gears and media spindles
- » Transmissive media sensor
- » Fast 32-bit processing
- » Selectable print speeds up to 8ips
- » ZebraLink connectivity
- » Standard 2-line, 16-character LCD control panel
- » Zebra's E3® Printhead Energy Control
- » Resolutions: 203dpi/8dots per mm
- » Maximum Print Speeds: 8"/203mm per second (203/300dpi)
- » Memory: 6 MB SDRAM, 4 MB Flash

Programming Language

- » ZPL and ZPL II: Universal language for Zebra printers. Simplifies label formatting and enables 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

Physical Characteristics

- » Width: 11.2"/283mm
- » Depth: 19.5"/495mm
- » Height: 15.5"/394mm
- » Weight (without packaging): 55lbs/25kg

Operating Characteristics

Environment

- » Operating Environment 41°F/5°C to 104°F/40°C
- » Storage Environment -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

- » Standard high speed RS 232C serial interface
- » Centronics® IEEE 1284 bi-directional parallel
- » Embedded ZebraLink Webview and Alert features (requires optional ZebraNet PrintServer II)
- » Other connectivity options available

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

Media Specifications

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

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)
- » Max. Roll Size: 8"/203mm O.D. on a 3"/76mm I.D. core
- » Thickness (label & liner): .003"/.076mm-.012"/.305mm

Media Types

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

Ribbon Specifications

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

Standard Lengths

- » 984'/300m to 1,476'/450m; provides 2:1 & 3:1 media roll to ribbon ratios
- » Ribbon Set-up: wound ink side out, recommended to be at least as wide as media.

Fonts/Graphics/Symbologies

Fonts and Character Sets

- » Standard Fonts: 7 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed)
- » Sets: IBM® Code Page 850 International character set
- » Optional European and Asian font sets
- » Supports user-defined fonts and graphics-including custom logos
- » ZPL II drawing commands-including boxes and lines

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