



LX-D400 DYE-BASED INKJET LABEL PRINTER



FAST, RELIABLE, HIGH-RESOLUTION LABEL PRINTING

Canon's LX-D400 dye-based label printer is a compact and high-speed labeling solution designed to support fast-paced operational environments. Features include a fixed line-head print system, high-resolution output, an intuitive touch-screen interface, and full edge-to-edge label printing. This printer is designed to help streamline label production in applications such as product manufacturing, distribution, logistics, retail, and warehouse inventory management.

WIDE VARIETY OF USES

Designed to deliver high-quality labels at every stage of your workflow. From attention-grabbing product labels to crisp barcodes and QR codes, this printer can limit the need for costly pre-printed inventory, giving you the flexibility to print on demand—whether for fast short runs or demanding long runs.

HIGH PERFORMANCE

Equipped with a 4.3-inch fixed line-head, the LX-D400 can achieve fast print speeds up to 13" per second¹ to help keep your workflow moving. Labels are produced continuously as they pass under the printhead, allowing for quick first-label output and efficient turnaround of everyday labeling tasks. The LX-D400 label printer features a built-in automatic cutter.

To help reduce downtime, the LX-D400 incorporates reliability features such as a paper-dust suction mechanism, non-jetting nozzle compensation, and an enhanced wiping system. These features are designed to help maintain steady operation while limiting the need for manual adjustments.



HIGH-QUALITY OUTPUT AND EASY OPERATION

With 1200 × 1200 dpi resolution, the LX-D400 brings your labels to life with sharp text and rich, vibrant graphics. It supports a wide range of matte, gloss, and poly inkjet-compatible media from 0.5" to 4.0" wide, making it a versatile solution for countless labeling applications. The LX-D400 supports borderless printing, die-cut media, a variety of label shapes with ease, and can produce GS1 Standard labels—including GS1-128, ITF-14, GS1 EAN/UPC, GS1 DataBar, GS1 2D barcodes, and EPC/RFID—when paired with third-party software.²

The 4.3-inch LCD touch panel puts control at your fingertips, offering an intuitive interface for monitoring printer status, adjusting settings, and receiving alerts. This streamlined, user-friendly design can help keep daily operations running smoothly.

OPTIONAL UHF RFID ACCESSORY

An optional UHF (Ultra High Frequency) RFID module³ enables simultaneous printing and RFID data encoding of passive labels without halting label production. RFID labels help enhance tracking, supports inventory management in real-time, and can be used to help improve overall operational efficiencies.

CUSTOMER CARE

For investment protection, eCarePAK extended service plan options are available beyond the initial one-year on-site limited warranty period. An eCarePAK can help save on costs associated with post-purchase maintenance and help maximize uptime throughout the product life.⁴



Label outputs and device screens simulated.

LX-D400

TECHNICAL SPECIFICATIONS

PRINTER SPECIFICATIONS

Print Method	Dye-based Inkjet
Ink Cartridges	4 (1 x Black, 1 x Cyan, 1 x Magenta, 1 x Yellow)
Print Resolution	Up to 1200 x 1200 dpi
Number of Nozzles	5,184 dots
Max Print Speed ⁵	First Print Out Time 4" x 3" Label: 10 seconds or less Default Print Speed: 13 inches/second
Supported Media Types	Label Roll Media (with Roll Holder) & Label; Fanfold Media (IJ Coated: Matte or Glossy)
Media Size & Thickness	
Media Size	Width: 14.7 mm to 115.0 mm (0.58" to 4.53" including liner) Length: 6.0 mm to 1346.2 mm (0.24" to 53.0")
Media Thickness	0.145 - 0.254 mm

INK & MAINTENANCE CARTRIDGE INFORMATION

Cartridge Fill Volume	Black / Cyan / Magenta / Yellow: 240 ml
Maintenance Cartridge Info & Fill Volume	WT-X404 Maintenance Cartridge : 640 ml

GENERAL

Control Panel	4.3-inch LCD touch panel
Connectivity/Interface	USB2.0 Hi-speed, 1000BASE-T/100BASE-TX/10BASE-T, RS-232C (For External Devices)
OS Compatibility ⁶	Windows 11, Windows Server 2016, 2019, 2022, 2025
Operating Environment	
Temperature	Operating temperature range: 41-95 °F (5-35 °C)
Humidity	10 - 90% RH (Non-Condensing)
Chemical Safety	TSCA, OSHA HCS
Power Consumption	
Max.	Approx. 23W
Operating	Approx. 21W
Sleep	Approx. 8W or less
Electrical	AC 100-240V, 50/60Hz
Acoustic Information ⁷	
Operating Noise (Max.)	55 dB or less
Standby Noise	35 dB or less
Warranty	One-year limited warranty including printhead
Dimensions & Weight	15.2"(W) x 22.2"(D) x 16.9"(H); 48.9 lbs. (22kg)
Box Contents	Printer Main Unit Head Package Unit Power Cord Warranty Card Starter Ink Cartridge Set (BK,C,M,Y, 105 ml/each) Maintenance Cartridge (Installed) Getting Started Guide Installation Adjustment Label (4" x5" Label)

PRINTER INFORMATION

MODEL NUMBER	DESCRIPTION	ITEM NUMBER
 LX-D400	4" Dye-Based Inkjet Label Printer	6334C002[AA]

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¹Based upon standard print conditions and print size of 4"x3" inkjet coated matte label, 7.5% Duty/Color, 100 labels x 50 jobs/day, excluding manual cleaning and printhead.

²Subscription to a third-party service required. Subject to third-party service providers terms and conditions. Neither Canon Inc. nor Canon U.S.A., Inc. represents or warrant any third-party product or feature referenced hereunder.

³Use of encoding labels will affect the speed of printing out the label. Optional UHF RFID Accessory will only be compatible with limited media at launch. Please contact your Canon Authorized Partner for compatibility details.

⁴Warranty and Support programs are subject to certain conditions and restrictions. See www.usa.canon.com/support for details.

⁵Print speeds may vary depending on system configuration, interface, software, print complexity, print mode, page coverage, type of paper used, etc. Excludes pre-cleaning.

⁶Operation on PC with pre-installed Windows 11 (64 bit), Windows Server 2016, 2019, 2022, 2025.

⁷Acoustic noise is based off the measurement following ISO7779, and the display number shall follow ISO9296.