



MP4000D

Dual-Technology Desktop Printer

The Ultimate Barcode and Label Printing Solution:
Your Trusted Partner for Manufacturing, Logistics,
Warehousing, and Retail Labeling Needs

Master Barcode and Label Printing

The MP4000D combines Direct Thermal and Thermal Transfer printing for barcode, product, and logistics labels. It supports 1D/2D barcodes on paper, polymer, and textile media, while compatibility with ZPL, TSPL, DPL, and EPL ensures seamless integration.

Engineered for Industry Performance

From 203 dpi precision printing to a rapid 5.98 inches/second speed, the MP4000D delivers high clarity and efficiency for compliance labeling and inventory management. Its 128MB RAM ensures seamless handling of graphics-heavy labels, making it ideal for high-demand environments.

Seamless Integration and Connectivity

Designed to integrate effortlessly with ERP, WMS, and CRM systems, the MP4000D is your key to streamlined operations. With support for BarTender REST API, USB, Ethernet, and RS-232 interfaces, it ensures reliable connectivity across Windows, Linux, and Android platforms.

Optional Modules for Customization

Enhance the MP4000D's functionality with optional add-ons, including a Wi-Fi module and a Bluetooth 5.0 module for wireless printing. Additional features like a label dispenser/peeler, a cutter module, and an external roll holder offer tailored solutions for large-scale and automated labeling operations.



Windows/Linux/Android



203 dpi



Thermal & T.Transfer



Wi-Fi



Bluetooth



USB, Ethernet, RS-232

Main Features

 Operating System Compatible with Windows, Linux, Android; supports seamless cross-platform integration.	 Processor STMicroelectronics STM32MP151 Dual-core Cortex-A7 800MHz + Cortex-M4 209MHz; efficient multitasking and real-time processing.	 Memory RAM 128MB / Flash 128MB. Optimized for efficient processing of barcode data, label templates, and large print jobs.
 Wireless LAN (WLAN) Optional Wi-Fi module: IEEE 802.11 b/g/n (2.4GHz). Available pre-installed or as a field-installable upgrade, enabling convenient barcode and label printing from anywhere across various industries.	 Wireless PAN (WPAN) Optional BT 5.0 BR/EDR + BLE module: Available pre-installed or as a field-installable upgrade.	 Voice & Audio Buzzer with a resonant frequency of 2700Hz; sound output up to 85 dBA measured at 10 cm.
 Sensors Out-of-paper Sensor; Gap Sensor; Ribbon Sensor; Black Mark Sensor; Cover Opening Sensor.	 Buttons 1 Feed button: for feed and pause operations.	 Connections & Interfaces USB (Type B); Ethernet (10/100 Mbps); Serial Port RS-232
 Printing Technology Dual Printing Mode: Thermal Transfer and Direct Thermal.	 Print Performance Resolution: 203 dpi / 8 dots per mm Maximum Print Width: 4.25 in (108 mm) Print Speed: 5.98 in (152 mm) per second	 Media Types Supports a wide range of media, including thermal transfer labels, direct thermal labels, polypropylene labels, tags, gap label paper, black mark paper, die-cut paper, care labels, continuous receipt paper, and wristbands. Compatible with roll-fed, die-cut, or continuous media, with or without black marks.
 Ribbon Specifications Ribbon Types: Wax: For thermal transfer labels and wristbands. Suitable for short-term label storage. Wax + Resin: Ideal for thermal transfer and polypropylene labels, as well as tags. Ensures durability and fade resistance for long-term storage. Resin: For polypropylene labels requiring durability. Fully resists fading, water, temperature changes, and abrasion. Maximum Ribbon Length: 984 ft (300 meters). Ribbon Outside Diameter: 2.6 in (66 mm) / 1.34 in (34 mm). Ribbon Width: 40 mm, 60 mm, 80 mm, 110 mm. Ribbon Core Diameter: 1.0 in (25.4 mm).		
 Power Input: AC 100–240V, 50/60Hz; Output: DC 24V / 2A	 User Environment Operating Temp 5°C to 40°C, 41°F to 104°F Humidity 30% to 85% non-condensing	 Dimensions (L×W×H) 308 x 180 x 250 mm 12.1 x 7.1 x 9.8 in
 Weight 2.8 kg / 98.77 oz	 Standard Accessories Plug Cable (plugs: EU, CN, US, GB); Power Adapter; USB Type-B Cable; Ribbon Platen Roller; Thermal Labels Roll (1 pc); Ribbon (1 pc); Empty Ribbon Core (1 pc).	 Optional Accessories Wi-Fi Module; Bluetooth Module; Dispenser/Peeler for Labels; Cutter for Labels; External Label Roll Holder.

Learn More About MP4000D

Discover the MP4000D Dual-Technology Desktop Printer, the ultimate solution for high-performance barcode and label printing, designed to streamline operations across industries. Built to handle high-demand printing tasks effortlessly.

