



MP30

Ultra-Portable Mobile Label Printer

The Ultimate On-the-Go Barcode and Label Printing Solution: Your Trusted Partner for Field Service, Logistics, Retail, and Mobile Inventory Labeling Needs

Compact Mobile Printing for On-the-Go Operations

The MP30M is a lightweight, direct thermal mobile printer designed for barcode and label printing in field service, retail, and logistics. It supports 1D/2D barcodes on thermal paper and label media, while compatibility with TSPL, CPCL, ZPL, and ESC/POS ensures seamless integration with your existing workflows.

Seamless Connectivity & Cross-Platform Support

Designed to integrate effortlessly with mobile and desktop systems, the MP30M is your key to streamlined field operations. With support for Wi-Fi, Bluetooth 5.0, and NFC tap-to-print, plus USB Type-C connectivity, it ensures reliable pairing across Android, iOS, and Windows platforms.

Engineered for Reliable Field Performance

From 203 dpi precision printing to 4.72 inches/second speed, the MP30M delivers clear, efficient output for mobile labeling and inventory tasks. Its 8MB RAM + 16MB flash memory handles graphics-heavy labels, and the IP54-rated housing withstands 1m drops, making it ideal for rugged, on-site environments.

Flexible Power & Extended Runtime

Powered by a 7.4V 2600mAh Li-polymer battery, the MP30M provides standby time of more than 160 hours and a print mileage of over 230 meters (at a 12.5% print rate). A full charge takes approximately 4 hours, and the battery supports more than 300 charge cycles to meet daily field operation requirements.



Android/iOS/Windows



203 dpi



Direct Thermal



Wi-Fi/Bluetooth/NFC



USB Type-C



IP54 Rated

Main Features



Operating System

support Android/IOS/Windows



Memory

8 MB RAM+ 16 MB flash



NFC

13.56MHz; ISO/IEC 15693; supports Tag mode for efficient data exchange.



Wireless LAN (WLAN)

Wi-Fi, 802.11a/b/g/n



Wireless PAN (WPAN)

BT 5.0 BR/EDR + BLE module



Voice & Audio

Buzzer



Sensors

Out-of-paper detection, Gap detection, Dual black mark detection, Cover-opening detection, Over-temperature sensor



Buttons

Power Button, also acts as a config button.
paper feed button



Connections & Interfaces

USB (Type C)



Printer head

Temperature-sensitive
Max: 50KM



Print Performance

Resolution: 203 dpi / 8 dots per mm
Maximum Print Width: 2.83 in (72 mm)
Print Speed: 4.72 in (120 mm) per second
Maximum Print Length: 90.0 in (2286 mm)



Media Types

Paper Types: Thermal paper, label paper
Medium Width: 0.98–3.15 in (25–80 mm)
Paper Thickness: 60–170 μm
Maximum Roll Diameter: 1.97 in (50 mm)



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Maximum Print Width: 2.83 in (72 mm)
Print Speed: 4.72 in (120 mm) per second
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Display Features

Main Screen: 128×32 OLED



Power

Battery Technology: Li-polymer battery
Battery Capacity: 7.4V, 2600mAh (19.24Wh)
Cycle Life: >300 cycles
Charging Time: 4 hours
Standby Time: >160 h;
Print Mileage: >230 m (12.5% print rate)



User Environment

Operating Temp: 5°C to 40°C (41°F to 104°F)
Storage Temp: -25°C to 55°C (-13°F to 131°F)
Humidity: 20% to 90% non-condensing



Dimensions (L×W×H)

116 × 114 × 62.5 mm
4.57 × 4.49 × 2.46 in



Programming languages

TSPL, CPCL, ZPL, ESC/POS



Weight

410 g / 14.46 oz with battery
(battery: 110 g / 3.88 oz)



Standard Accessories

USB Cable, 5V/2A Power Adapter



Optional Accessories

Thermal Paper Roll; Shoulder Strap; Belt Bag; Belt Buckle; 4-Slots Battery Charger; 10-Slots Battery Charger; 20-Slots Battery Charger.

Learn More About MP30

Discover the MP30 Handheld Barcode Scanner, the ultimate solution for fast, accurate 1D/2D barcode scanning. Designed for seamless performance in retail, logistics, and warehouse environments, it delivers reliable decoding even on damaged or low-contrast barcodes to streamline your daily operations.