

# Detailed Printer Specifications

## Mobile Thermal Printer **MtP400**



### Printing Specifications

**Printing Method:** Direct thermal, up to 3.3 ips.  
**Printing Resolution:** 203 dpi (8 dots per mm)  
**Printing Width:** Up to 4.1" (10.41 cm)

### Fonts/Characters/Bar Codes

**Fonts:** A wide range of font types and sizes, from ~ 6 cpi to 34 cpi depending on emulation chosen, plus scaling.

**International Characters:** Arab-T, Arab-S, Arab-E, Asian fonts and an expanding catalog available for download.

**Bar Codes:** 39, 128, Intlv 2 of 5, CODABAR, EAN08 & 13, PDF-417 and UPC, depending on emulation chosen.

Downloadable fonts, graphics, logos and additional bar codes.

### Connectivity

**Standard (All Units):** RS232, USB

**Wireless Options:** Bluetooth®, Wi-Fi (802.11b), IrDA, Custom RF.

### Software

**Drivers and Utilities:** Drivers for WIN 98, 2000, XP. Windows CE/Pocket PC and Palm OS prints utilities and SDK's.

Remote Printer Setup program provides convenient configuration via a windows interface from any computer with a serial port.

**Emulations:** Emulates many popular printer brands (O'Neil, Zebra CPCL and ZPL, and Printek Mt3). Can be upgraded as new emulations become available.

### Print Media

**Paper Type:** Direct Thermal Roll, Fan fold media, label media.

**Roll Size:** Maximum roll diameter 2.625" (6.7 cm), allows roll widths from 3" to 4.125" (7.6 to 10.5 cm)

**Roll Capacity:** Approx. 171' (52.1 m)

**Core Size:** 0.75" (1.9 cm)

### Power Management

**Battery:** Rechargeable 2 cell Lithium Ion, (7.4 V, 2200mAh)

**Endurance:** 500 pages or more than 3500 printed inches per charge.

**Recharging:** 2 hours, via on-board charger or optional external charger.

**Optional:** 100 to 240 VAC wall adapter, 12 to 24 VDC in-vehicle adapter. When plugged in, the printer can be used while recharging the battery or can be run without the battery.

### Physical Specifications

**L x W x H:** 7.7" x 6.6" x 3.1"  
(19.56 x 16.76 x 7.87 cm)

**Weight:** 2.0 lbs. (0.90 kg) with battery

### Environmental Specifications

**Operating Temp:** -4° to 122°F (-18° to 50°C)

**Storage Temp:** -4° to 140°F (-20° to 60°C)

**Humidity:** 10% to 90% RH (non-condensing)

**Rated IP54 per IEC 529, without optional environmental case**

### Operator Controls and Indicators

4 illuminated icons for general fault, wireless connection, MCR ready and batter status.

2 line LCD for system alerts and messages, configuration setup and battery charge indicator.

Buttons for Power and Paper Feed. Sensors for paper out, black mark detection, and door open.

Sensors for Paper out, door open and black mark detection. Lp models add rear black mark and label gap detection.

### Memory Capacity

2 MB Flash, 1MB SRAM. Standard memory supports large and graphic intensive print jobs.

### Durability and Reliability

Survives multiple 4 foot drops to concrete (each face) and conforms to IEC 68-2.

**MTBF:** 10,000 hours in normal use

### Regulatory Approvals

FCC Class B, CE mark, UL listed AC adapters, E-mark on In-Vehicle adapters

### Warranty

One-year printer warranty on the entire printer—case, battery, and print head included.

### Options and Accessories

- 3-Track Magnetic Card Reader
- External Battery Charger
- AC Wall Adapter, 100 to 240 VAC
- In-Vehicle Power Adapter, 12 to 24 VDC
- Shoulder Strap
- Belt Loop Attachments
- Data Cables, RS232 or USB
- Environmental Case
- Spare Batteries in Multi-Packs
- Media in Case Quantities
- Flexible Mounting Systems
  - In-Vehicle Systems
  - Cart Mounting Systems
  - Fixed Mounting Systems



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