

# Detailed Printer Specifications

## Mobile Thermal Printer **MtP400**



### Printing Specifications

Printing Method: Direct thermal  
Printing Resolution: 203 dpi (8 dots per mm)  
Printing Speed: Up to 3.3 ips  
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: An expanding catalog available for download.  
Bar Codes: 39, 128, Intlv 2 of 5, EAN08 & 13, PDF-417 and UPC, depending on emulation chosen.

Downloadable fonts, graphics, logos and additional bar codes.

### Connectivity

Standard (All Units): RS232, USB (optional cable required)

#### Wireless Options:

IrDA  
Bluetooth®  
Complete Bluetooth® 2.0 Stack including:  
Protocols: L2CAP, RFCOMM, SDP  
Profiles: GAP, SDAP, SPP

Class 2 Operation

Bluetooth® SIG QD ID: B012394

RFC2217 & EN60601 compliant

#### Wi-Fi 802.11a/b/g compatible

Security: WEP, WPA-PSK/TKIP, WPA2-AES  
802.1x EAP with TLS, TTLS, LEAP, FAST, PEAP  
Compatible with SNMP (MIB's I & II)

### Software

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

Printer Setup program provides convenient configuration via a Windows interface from any computer.

Emulations: Emulates many popular printer brands and languages including O'Neil, Zebra CPCL and ZPL, Exttech, IPL, MPL, E-Sim 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), max.

Core Size: 0.75" (1.9 cm)

### Power Management

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

Endurance: Over 3500 printed inches per charge.

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

Power Options: 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, paper feed and setup menu. Sensors for paper out, black mark detection, and door open.

### 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) per 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 adapter, ROHS compliant

### 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
- Spare Batteries in Multi-Packs
- Media in Case Quantities
- Flexible Mounting Systems
  - In-Vehicle Systems
  - Cart Mounting Systems
  - Fixed Mounting Systems

