

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, WIN7, WIN Compatible with Windows CE/ Pocket PC, Palm OS print utilities and SDK's.

Printer Setup program provides convenient configuration via a Windows interface from any computer (PDAs and smartphones included).

Emulations: Emulates many popular printer brands and languages including O'Neil, Zebra CPCL and ZPL, Extech, IPL, MPL, E-Sim, TEC 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"/1.0" (19mm/25mm)

Power Management

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

Endurance: Over 3500 printed inches per charge (except Wi-Fi).

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.

Memory Capacity

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

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

3 LED indicators for general fault, wireless connection power and battery status indication. Buttons for power and paper feed. 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) 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 adapter, ROHS compliant.

Warranty

One-year printer warranty on the entire printer—case 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
- Coiled Data Cables
- Environmental Case
- Spare Batteries in Multi-Packs
- Media in Case Quantities
- Flexible Mounting Systems
 - In-Vehicle Systems
 - Cart Mounting Systems
 - Fixed Mounting Systems

