

## The Mobile Retail Terminal™ MRT320™ POS Handheld Terminal



MP2 Solutions has created a superior solution to meet the demands of today's mobile professional. The **MRT320** handheld is one of the most advanced wireless units available in today's mobility marketplace.

Combining the strengths of Windows Mobile with productivity-enhancing features that include bar code scanning, magnetic stripe reading, printing capabilities, and real-time wireless communications, the MRT320 gives the mobile professional a seamless end-to-end mobility solution in a rugged, compact and lightweight package.

By delivering superior data capture and real time computing, the MRT320 allows your employees to complete their work faster and with better results, helping to speed response throughout your supply chain. Using the latest Windows CE operating system and its familiar interface, your employees will require less training and be more productive quicker.

Wireless connectivity gives you real time access to information when your employees are on-site. When they travel offsite, the large data storage capacity and batch processing capabilities let them store information using an SQL Mobile database until the data can be downloaded to the server.

The MRT320 can also be counted on to perform a full day's work. Its state of the art Lithium-Ion battery can run up to 8 to 10 hours on a single charge. When a recharge is necessary, the included charging cradle only requires 4 to 5 hours to fully charge the battery. An onboard backup battery system also provides up to 30 minutes of temporary power allowing you to change battery packs without losing data.

- Three Track Magnetic Stripe Reader Accepts Credit, Gift, Stored Value and ID Cards
- Bar Code Scanning
- Print Receipts, Bar Codes, and Inventory Lists
- Secure, Encrypted Access
- Utilizes Wi-Fi for WLAN Connectivity
- Virtually Anywhere, Anytime Sales Transactions
- Real-Time Wireless Inventory Management
- Use your Own Applications with Windows CE
- Save Money on Credit Card 'Non-Qual' Fees
- Signature Capture and Digital Records
- SDIO Memory Expansion Slot

**Physical Characteristics**

Length: 239.32 mm (9.4")  
Width: 91.37 mm (3.6")  
Height: 57.51 mm (2.3")  
Weight: 1.4 Kg (3.1lbs)

**Operating Environment**

Operating temperature:  
0° to 40°C (32° to 104°F)  
Storage temperature:  
-20° to 60°C (-4° to 140°F)  
Humidity: 0 to 95%  
Non Condensing

**Power**

AC/DC Adaptor: 100~240V  
Battery: 7.4V lithium-ion  
Backup Battery: 3.6V NiMH

**CPU**

Intel Xscale PXA270, 520MHz

**Memory**

RAM: 128MB SDRAM  
Flash: 128MB Flash  
SD Memory Expansion Slot

**Operating System**

Windows CE 5.0  
SQL Mobile

**Display**

3.5" QVGA TFT LCD Touch-Screen, 64K color

**Audio**

AC97 CODEC  
Speakers x 1  
Stereo Headphone Jack x1

**Peripherals**

Thermal Printer: paper width  
58mm, 12 lines/s (UART)  
Barcode Scanner: (UART)  
Magnetic Stripe Reader:  
(MSR) Bi-Directional ISO  
7811 Track 1,2,3  
MMC/SD/SDIO Slot  
USB1.1 Cradle

**Wi-Fi Connectivity**

802.11b/g Connectivity;  
2.400 GHz to 2.487 GHz

**Keypad**

Button: Reset button x 1  
Scan button x 2  
Key: F1, F2, F3, Start, 4-way  
direction, 0-9 numbers,  
Feed, Back, Ent, \*, #,  
Decimal

**Indicators**

On panel: Power indicator  
(amber/green)  
On cradle: Charging indicator  
(amber); DC-IN indicator  
(green)

**Reliability**

Device: 10,000 Hours (not  
including printer)  
MSR: 500,000 reads

**Shock and Vibration:**

Warranted for 1 meter drop  
to rigid plate

**Certification**

UL, FCC, FDA

**For More Information:**

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[Sales@Scansmart.com](mailto:Sales@Scansmart.com)*

Mobile Retail Terminal Options

Product	MSR	Scanner	Printer	Wi-Fi
MRT300	✓	✓	✓	
MRT310	✓	✓		✓
MRT320	✓	✓	✓	✓
MRT390	✓		✓	✓

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