

HANDHELD COMPUTER

Intermec M90

Features:

- **Handheld computer weighing less than 250 grams**
- **NEC V25 16Mhz Processor with 2MB RAM**
- **NiMh 1500 mAH battery pack for full-day use**
- **MS-DOS compatible operating system**
- **Easy-to-read 100x65 pixel LCD display with LED back light**
- **Rugged design to withstand 1.2M drops to hard surface**
- **Optional integrated bar code laser scanner**
- **Software compatible with Micronics M80 terminals**
- **Year 2000 compliant**



The Economical Choice

Companies looking for a cost effective way to increase the productivity of their employees by automating data collection in the field, will find the Intermec M90 the ideal choice. The M90 packs a powerful processor, easy to use keyboard and optional integrated bar code scanner into a small lightweight, durable unit at a lower cost than most other handheld computers.

Lightweight and Ergonomic

The Intermec M90 is a fully functional 16MHz computer that fits comfortably in the palm of your hand. Weighing just 245 grams with batteries, the M90 is rugged enough to withstand daily use in most external environments. The keyboard's ergonomic design allows both alpha and numeric data to be entered with one hand.

High-Powered Rechargeable Battery Pack Provides Full-day Life

One battery is all this handheld computer requires to get through the workday. The Intermec M90 is equipped with the latest NiMh rechargeable battery giving up 14 hours of continuous use on a single charge. An optional battery caddy is also available for standard AA size alkaline cells in case of emergencies.

Supports Standard Programming Languages

Standard application development languages such as Visual C and Turbo C are supported by the M90 MS-DOS compatible 16 bit operating system. The M90 is also compatible with the Micronics M80 handheld terminal from Intermec. Software developed for the M80 can be easily converted to run on the Intermec M90.

The Options You Would Expect

The Intermec M90 comes with all the options and accessories you'd expect from the market leader in mobile computing solutions. As well as an optional integrated bar code laser scanner, the M90 also has desk, depot and vehicle docking options for charging and serial communications with modems and portable printers.

A Comprehensive Solution Within Reach

For parcel pickup & delivery, meter reading, retail inventory management and many other applications, the Intermec M90 provides the complete solution companies need to automate data collection in the field improving both customer service and business efficiency.

Intermec M90

Model

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Dimensions

Length: 176mm

Height: 27mm

Width: 52mm

Weight: 245 grams (with batteries)

Environment

Operating Temperature: -10° to +50°C

Storage Temperature: -10° to +70°C

Relative Humidity: 10% to 95%
(non-condensing)

Water Resistance: Sealing IP42
classification per IEC 529

Drop Spec: Withstands multiple drops to
concrete from 1.2m height

Power

NiMh 1500mAH rechargeable removable
pack (standard)

Three hour fast charge

Desk, depot or vehicle docks for charging &
communications (optional)

Battery caddy for AA size alkaline cells
(optional)

Power Management

12 to 14 hours, with one barcode scan
every 5 second.

Modes: Full speed, standby and suspend
(time programmable)

Lithium backup battery retains memory for
1.5 months

Memory

256K internal Flash ROM
(for O/S and application)

2MB internal SRAM

Keyboard

25 hard top keys including single Enter/Scan
button

Numeric keys, with alpha on 3 shifted keys

4 navigation keys and 4 function keys

Display

100 x 65 pixel LCD mono screen

Text modes: 4 x 12 char or 8 x 16 char

LED back light with auto off

Communications

Industry standard RS-232 (RJ45 socket)

Supports RS-485 Local Area Network via
depot dock

Scanning

Integrated bar code laser scanner (optional)

Docking Options

Desk dock: 3 hour fast charge for main unit
& spare battery, RS232 9 pin comms port

Depot dock: 3 hour fast charge for main
unit & spare battery, RS485 9 pin comms
port.

Vehicle dock: 14 hour normal charge for
main unit, RS232 9 pin comms port. 9-24
volt input, surge protected

Regulatory Approvals

CE mark

Note

Some approvals and features may vary by
country and may change without notice.

Please check with your local Intermec sales
office for further information.



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