



Intermec

## Product Profile

- Open systems design runs on the Windows® CE operating system
- 2D scanning and other flexible input device options
- Remote Web-based management and support tools
- Ergonomic design includes large, 1/4 VGA graphics display
- Intelligent data routing reduces end-user training and user errors
- Hardware and software expandability provides investment protection



The Standard for  
Wireless Fidelity.

### 5 0 2 3 H A N D H E L D C O M P U T E R

The Intermec 5023 data collection PC is part of an open systems enterprise data collection solution that makes operations more efficient.

2D scanning and smart card support make the 5023 the most flexible data acquisition device in Intermec's family. Its two standard PC-card slots let the 5023 make use of the latest software technologies and applications and provide temporary storage for the large amounts of data in 2-D bar codes, RFID tags, and higher bandwidth wireless networks.

Certified for the Microsoft Windows® CE operating system, the 5023 commonly uses software tools and connectivity protocols, making the device quick and easy to implement, for faster return on investment. The 5023 supports Visual Basic, Visual C++, and HTML. It also supports standard TCP/IP, so it can be linked directly into a corporate Intranet. To make management of the 5023 significantly quicker, easier and less expensive, it supports standard SNMP. Each unit comes standard with remote configuration and management capabilities that can be accessed over the Internet from a desktop PC web browser.

The 5023 maximizes software "up time" by using:

- Remote file management which allows software on portable devices to be maintained from a remote PC with a web browser.
- Software security which prevents user tampering.
- Versioning to prevent software upgrades and enhancements from introducing system incompatibilities.

The advanced features of the 5023 are packaged in an ergonomic pistol grip style form factor. This handheld lives up to Intermec's reputation for durable, industrial products. The 5023 is tested against water and dust intrusion, temperature extremes and multiple 5-foot drops to concrete without damage or data loss.

All in all, the 5023 combines Windows CE with wireless networking, graphics and value-added features that allow users to easily perform data collection.

A large, stylized outline of the Intermec logo at the bottom of the page, spanning the width of the document.

**Physical Characteristics**

**Width:** 10.2 cm (4.0") at display; 7.0 cm (2.75") at grip

**Height:** 21.6 cm (8.5")

**Depth:** 7.0 cm (2.75") at grip

**Weight:** 846 g without battery, 952g with battery (29.8 oz)

**Display**

1/4 VGA monochrome

8.4 cm (3.3") diagonal 5.1 cm x 6.73 cm (2" x 2.65")

Graphics capable

**Keyboard**

Elastomeric 43-key with full alphanumeric functions, full-sized numeric keys, and 10 dedicated function keys.

Languages supported include English

**Environmental:**

**Operating Temperature:** - 20° to 50°C (-4° to 122°F)

**Storage Temperature:** - 30° to 60°C (-22° to 140°F)

**Humidity:** Non-condensing (0 to 95% RH)

**Shock and Vibration Protection:**

Withstands multiple 5-foot drops to concrete

**Rain and Dust:** Sealed to IP54

Meets Mil-Std 2880E

**Bar Code Scanning Options**

Integrated visible laser diode scanner  
U.S./Canada Class II International Class 2  
Rastering Laser (for PDF-417)

**Bar Codes Supported**

Code 39, 2 of 5, Interleaved 2 of 5, Codabar, UPC/EAN Code 128, Code 11, Code 93, Plessey, MSI, Code 16K, Code 49, PDF-417

**RF Options**

802.11 2.4 GHz (Direct Sequence Spread Spectrum)

100 mW max output power

Data Speed: 11 Mbps

Coverage > 80m

**Connectivity Options**

Winsock 1.1 (subset)

TCP/IP, SLIP, IRDA, IRSOCK

LAN using NDIS

UDP+

**Hardware**

Hitachi SH3, 80MHz, 32-bit RISC processor

16MB RAM

32MB Flash

2 Type II PCMCIA slots for radio, modem, or memory

Smart Card reader/writer

**Software**

Microsoft Windows CE operating systems version 3.0

Internet Explorer 4.0 web browser with J-Script support

Intrinsync HTTP Web Server

Local and remote browser-based unit configuration and management utility

**Interfaces**

DB9 Serial via Serial Link Adapter

**Regulatory Approvals**

UL Listed. UL 1950 and C22.2 No. 950, TÜV Rheinland GS, EN 60950 and EN 60825-1, FCC Part 15, Canada, RS5210 and ICES-003, Class B, EN 55022/CISPR 22, Class B, ETS 300 328, ETS 300 826, Compliant with all European directives, CE Marked

**Accessories**

Serial communications adapter, Charge dock with IRDA Communicator, Charge dock with serial communications, 4-pack battery charger, Users manual, Software Developers Kit (SDK)

\* Intermec does not guarantee compatibility of software developed for dedicated Microsoft Windows CE devices such as Palm PC, Handheld PC and Handheld PC Pro. For best results, use the Intermec 5020 Software Developer Kit.

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**The Standard for  
Wireless Fidelity.**

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