HAND-HELD COMPUTER

Janus® **2010**

Benefits:

- **True MS-DOS 6.2 programmability**

- **Standard processor and large memory**

- **Flexible tethered scanner, radio and PC-card configuration choices**

- **Full emulation of VGA display and PC-AT 101 keyboard**

- **Rugged design**

The Janus 2010 Hand-Held Computer is part of the most PC-compatible family of data collection products on the market. Featuring a widely compatible Intel 386 processor, true MS-DOS 6.2 programmability, 4 MB of RAM, and standards-based, open architecture, the Janus 2010 enables Information Systems personnel to easily integrate a data collection system with your existing infrastructure.

That easy integration, broad compatibility and familiar operation can help reduce support costs and minimize the cost of ownership throughout the life of your Janus 2010 system. And its rugged design, proven reliability and flexible architecture help to ensure long years of dependable service even in harsh environments.

The Janus 2010 supports multiple connectivity options for terminal emulation and client-server systems. User-accessible PC card slots and a variety of tethered scan options, make it easy to extend your Janus data collection system throughout the enterprise without having to support multiple products and platforms.

Intermec

Janus® **2010**

Physical Characteristics

Width: 8.4 cm (3.3")

Depth: 4.6 cm (1.8")

Length: 20.3 cm (8.0")

Weight: 510 g (18 oz.)
(excluding NiCad battery pack)

NiCad battery: 113 g (4 oz.)

Display

16 lines, 20 columns, backlit

CGA compatible

Virtual 25 x 80 display with viewport

Keypad Options

Standard: Emulates full PC-AT 101 keyboard

Languages: English, German, Spanish, Italian, or French

IBM: IBM 5250 TE or IBM 3270 TE

Environmental

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

Storage temperature: -20° to 60°C (-4° to 140°F)

Humidity: Non-condensing (10 to 90%RH)

Power

Primary: Sealed NiCad battery pack, 1,200 mAhr. AC power supply. 8 hours operation with laser diode scanner.

Backup: Rechargeable lithium cell bridge battery.

Charging: Two hours to charge NiCad with JZ2010 charger

Memory

4 MB RAM, 512K Flash Drive C, 2 MB ROM Drive D, Type I PC card internal drive for pop-in storage expansion

Hardware

386SXL microprocessor

PC-AT compatible

Emulates full PC-AT 101 keyboard

Software

MS-DOS® 6.2

[Should Microsoft QBasic be here?]

User-friendly configuration screens

Virtual Wedge™

IBM Terminal Emulation options

Microsoft Interlink/Interserver communications package

Interfaces

Auxiliary RS-232 through dock or optical link

10-pin sealed connection for input devices

Data Communications

Infrared serial communications interface

RS-232C, RS-422, RS-485

Protocols: Industry standard, TCP/IP, SPX/IPX, LAT, Point-to-point, Polling Mode D, Multi-drop, and other user-defined protocols

Product Configuration

J2010 Basic Back

PC Card Type II Option Back

2.4 GHz Wireless LAN Characteristics

Frequency band: 2.4 GHz. Frequency range varies by country

Radio power output: 100 mW

Radio data rate: 1.6 Mbps per channel. 800 Kbps fallback rate for extended range

Range: Up to 150 meter radius (500 feet). Indoors–unlimited radius using roaming

Compatibility: Fully interoperable with 2100, 0110 and 0115 Access Points as well as all WLI Forum products.

Security: 20-digit security IDs available

900 MHz Wireless Data Communications

Frequency: 902 – 928 MHz per FCC, Part 15

Radio Type: Direct-Sequence spread spectrum

Data rate: 122 Kbps

Channels: 7

Bar Code Input Services

Supports Intermec laser, wand, and CCD scanner input devices

Bar Codes Supported

Autodiscriminates: Code 39, 2 of 5, Interleaved 2 of 5, Codabar, UPC/EAN, Code 128[??], UCC/EAN-128, Code 11, Code 93, Code 49, ISBT

Regulatory Approvals Pending

UL Listed, UL 1950; CSA Certified, C22.2 #950M89; CAN SOR/88-475; FCC Part 15, Canadian RFRSS-120 Certified; TUV Licensed, EN 60950

Accessories

User's manual

Laser scanners–1517/1518/1519/1545/1550

Serial cables for attached printers and auxiliary devices

JL 2010 optical link

Carrying case

JD 2010 Communications Dock with single battery charger

1,200 mAhr NiCad battery pack

JZ2010 4-pack charger

JZ2110 PC Memory Card: 2MB SRAM, 2MB Flash RAM

Programmer's Software Kit (PSK)

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