HAND HELD COMPUTER

2410 Series

Benefits:

- **Small, lightweight design**

- **Flexible application environments**

- **Industry standard develop-ment and connectivity tools**

- **Upgradeable wireless and batch versions provide investment protection**

- **Long lasting Lithium Ion battery for full shift operation**

- **Survives 4-foot drops to concrete**

With its compact, lightweight packaging, the 2410 Series hand-held computers are designed for retail and light industrial environ-ments. Weighing under 14 oz., the 2410 Series provides easy opera-tion over extended periods.

As the newest addition to the Intermec 2400 product line, 2410 Series hand-held computers share applications with other members of 2400 family. You can run the same application on a stationary shop floor terminal, a 2410 Series hand-held computer, and a vehicle mount unit.

With its industry-standard inter-nal PC card slot, the 2410 Series can adapt with your system as your data collection needs change. You can start with the 2410—a hardwired (batch) system—and upgrade to the 2415—an 802.11 standard wireless system—simply by sending it to an Intermec service center for an RF upgrade. The 2415 can also be upgraded with the latest technology so you can easily change radios to handle higher speeds and increased coverage as advances in standards such as 802.11 RF technology occur.

You can also count on the 2410 Series to put in a full day's work without recharging. Its state-of-the-art Lithium Ion battery is easy to recharge and can run 8 to 10 hours on a single charge. That

makes the 2410 ideal for time-intensive applications, such as in-store audits and re-stocking inventory. And, its high-contrast, scratch resistant display makes for easy reading in many environ-ments. Best of all, 2410 Series hand held computers integrate seamlessly into your system, whether it is a terminal emulation, client/server or simple serial connection through a communica-tions dock.

Intermec

2410 Series

Physical characteristics

Length: 19.3 cm (7.6")

Width: 8.4 cm (3.3") at scanner; 5 cm (2") at grip

Height: 5.6 cm (2.2") at scanner; 4 cm (1.2") at grip

Weight (with standard battery):
Model 2410 (Batch): 374g (13.2 oz.)
Model 2415 (RF): 422g (14.9 oz.)
Add 43g (1.5 oz.) for high capacity battery

Display

CGA compatible backlit LCD displaying 1 6 lines of 20 characters per line (160 x 128 dot matrix) plus LED status indicators

Full 25 x 80 virtual screen with viewporting

U.S. and European character sets plus Big 5 and simplified Chinese, Korean, and Japanese

Keyboard

Elastomeric 55-key with full alphanumeric set with function keys or 37-key larger alphanumeric with function keys.

Options for U.S., Multilingual European, IBM 5250, and VT/ANSI layouts

Environmental

Operating temperature: -20º to 50ºC (-4º to 122ºF)

Storage temperature: -20º to 60ºC (-4º to 140ºF)

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

Bar Code Scanning Options

Integrated visible laser diode scanner

USA/Canada Class II. International Class 2

Depth of Field–Standard Range* (670nm) (measured for Code 39)

5 mil	9.4-15.7 cm	(3.7"-6.2")
10 mil	7.4-30.5 cm	(2.9"-12")
20 mil	10.2-63.5 cm	(4"-25")
30.0 mil	10.2-86.4 cm	(4"-34")
40.0 mil	12.7-99 cm	(5"-39")
55.0 mil	19.1-126 cm	(7.5"-49")
55 mil retroflective	105-151 cm	(41"-59")
100 mil retroflective	113-227 cm	(44"-89")

Depth of Field–Long Range* (650nm)

10 mil	29.4-49.8 cm	(11.6-19.6")
20 mil	21.8-98 cm	(8.6 – 38.6")
30 mil	24.4-192 cm	(9.6 - 75.6")
40 mil	24.4-204.7 cm	(9.6-80.6")
70 mil retroflective	192-410.5 cm	(75.6")
100 mil retroflective	212.3-532.4 cm	(83.6"-209.6")

Built-in 16 pin I/O connector for attaching Intermec decoded and undecoded scanners and wands. Adapter available.

Measured for Code 39

Bar Codes Supported

Code 39, 2 of 5, Interleaved 2 of 5, Codabar, UPC/EAN Code 128, Code11, Code 93, Plessey, MSI, Code 16K, Code 49

Power

Operating: Lithium Ion battery pack, standard and high capacity

Memory

RAM: 1 MB, battery backed

Non-volatile Memory: 2MB. Option for 2MB additional (4MB total)

Standard Storage: 2 or 4MB SRAM

Integrated RF Module (2415)

Frequency: 2.4 GHz actual frequencies in use vary by country

Radio Type: WLI Forum OpenAir Campatible

Frequency Hopping Spread Spectrum (FHSS)

Radio Power Output: 100mW

Radio Data Rate: 800 Kbps or 1.6 Mbps

Range: Up to 150 meters radius (500 ft.) indoors
450+ meters redius (1,500+ ft) outdoors

Antenna: Internal

Serial Data Communications

Built-in 16-pin serial connector, 9-pin adaptor optional

RS232-C up to 38.4 Kbps

XMODEM, YMODEM for data transfer

Supports configurable Serial Protocol and XON/OFF

Host Support via Data Collection Server 300

Host Environment: IBM AS 400, Digital HP, UNIX, Windows NT

Connectivity: Ethernet, Token Ring, 100BASET, Twinax, Coax, SDLC

Communications: TCP/IP, SNA

Direct TCP/IP Support

Sockets interface or terminal emulation

Ethernet or Token Ring

Software Configurations

Programmable: Microsoft® C

Terminal Emulation: 5250 SNA and TELNET

ANSI/VT 100, 220, 320 TELNET

Screen mapping

Shock and Vibration Protection

Warrented for 4-foot drop to concrete

Regulatory Approvals

UL Listed, UL 1950 and C22.2 No. 950, TÜV Rheinland GS, EN 60950 and EN 60825-1, FCC Part 15, Canada, RSS210 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

Battery charger, battery pack available in standard and high capacity, pistol grip handle, holster, belt loop, hand strap, serial communications dock, User manual, Programmer's Software Kit (PSK), EZBuilder™ Rapid Application Development software.

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