

HAND-HELD COMPUTER

6400

Benefits:

- **"Power" features in a lightweight, ergonomic package**
- **386/33 processing power and up to 8 MB of memory for performance and efficiency**
- **Rugged and sealed to withstand harsh industrial environments**
- **Supports industry standards: MS-DOS, TCP/IP and IBM connectivity**
- **Easy to maintain "intelligent" batteries**
- **Batch, 900 MHz, and 2.4 GHz connectivity options**
- **Standard range, long range, high visibility, and tethered scanner options**

Maximum User Efficiency

The 386/33 MHz processor and options for up to 8 MB of RAM speed through even the most demanding applications so the user doesn't have to wait. Available 2.4 GHz radio with 1.6 Mbps of throughput means faster response times. "Intelligent" batteries mean no more guessing when a battery needs a charge.

It's not only powerful, but comfortable to hold as well. At .571 Kg (20 ounces) the small form factor, hour glass shape of the 6400 is designed to be comfortable in small or large hands. Bi-symmetrical design, optimized placement, and differentiated coloring of critical keys are all specific designs for speed and efficiency during left or right handed use. In addition, an optional pistol grip easily attaches in seconds for users who prefer "quick draw" scanning.

Lower Total Cost of Ownership

Familiar software features such as MS-DOS 5.0, TCP/IP, VT/ANSI, and IBM connectivity are built right in to make the 6400 easy to support with IS resources that already know PCs. The latest in LiIon battery technology means no more worrying about special disposal procedures. And the multiple 5 foot drop spec and water sealed design means it won't be going



back to "the shop" every time someone drops it, knocks it off the counter, or splashes water on it. The 6400 is ideal for industrial and warehouse applications.

Flexibility required? Pick from batch, 900 MHz, or 2.4 GHz radio communication options. Connect via terminal emulation or client server applications over Ethernet, or communicate through the standard IrDA port. And select from a variety of standard or special purpose bar code scanners including long range and high visibility.

6400

Physical Characteristics

Size: 21.72cm x 7.98cm x 6.60cm (LWH) at display (8.55 \leq x 3.14 \leq x 2.60 \leq)
21.72cm x 6.60cm x 4.60cm (LWH) at display (8.55 \leq x 2.60 \leq x 1.60 \leq)

Weight: 490g (17.27 ounces) with battery, no scanner, no radio 525g (18.47 ounces) with battery, no scanner, with radio 543g (19.12 ounces) with battery, with scanner, no radio 577g (20.32 ounces) with battery, with scanner, with radio

Environment

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

Storage Temperature:
-30° to 70°C (-22° to 158°F)

Recharging Temperature:
0° to 40°C (32° to 102°F)

Humidity: Non-condensing (5% to 95%)

Rain and Dust Resistance: 63.5cm (25 \leq) rain/hour for 8 hours; submersible in 15.2cm (6 \leq) of water for 15 minutes

Drop Survival: Designed to withstand multiple 1.5m (5 ϵ) drops to concrete without radio and scanner

Multiple 1.2m (4 ϵ) drops with radio and scanner

Internal Power Source

Power Management: Standby; suspend/resume modes, individual subsystem shut down, built-in, back-up battery retains memory for up to 100 hours

Power: 2 cell Lilon, 1,350 mAh smart pack with built-in charging and fuel gauge (4cell, 1,800mAh option for twice the life); internal or external battery charging (500 charge cycles to 55% capacity), 3.0 hour fast charge (in vehicle or office); vehicle or office); vehicle, depot or single docks for charging and communications (optional); mixed 3.3V and 5V design for battery life; operating time between charges: 8 hours typical, based on customer usage of 8 scans and transmissions per minute

Product Features

Memory: 2, 4 MB FLASH (writable flash disk); 4, 8 MB RAM options

Microprocessor: Highly integrated AMD386** SC300 386 microprocessor with clock speed of 33 MHz

Display: 160 x 128 pixels [6.10cm (2.4 \leq) diagonally], up to 16 lines by 32 characters CGA controller, power managed back light, temperature, compensated contrast control

Keyboard: Alphanumeric; 41 key and 51 key options; hard plastic keycaps for tactile response; keys are located, shaped and color coded according to function to enhance recognition and speed key entry; changeable overlay for shifted functions

Interfaces: Industry standard IrDA (infrared), RS232 and RS485, Wireless Local Area Network (2.4 GHz and 902 MHz)

Software Development Environments: MS-DOS® 5.0 operating system, standard ODI interface to radio network 3

Regulatory Approvals

UL 1950, CUL C22.950, EN60950, FCC Class B, CE Mark EN 55022, EN 50082 1992, prETS 300 339, 902-928 MHz FCC Part 15, Industry Canada RSS-210; 2.4 GHz FCC Part 15, Industry Canada RSS 210

Options

Local Area Communications: Capable of communicating to wireless networks running on Ethernet backbone

Scanning: Integrated standard, long range and high visibility laser scanners, and tethered laser scanners

Mounting: Vehicle, forklift, single and multi-dock options

Accessories: Scanning handle, carrying cases, pouches, holster, belts, single & 8-pack battery chargers



**Where
Information
Gets Down
To Business™**

North America • 6001 36th Avenue West • P.O. Box 4280 • Everett, Washington 98203-9280 • 1 (800) 347-2636 tel • 1 (319) 369-3324 fax • Norand Mobile Systems Division • 550 2nd Street S.E. • Cedar Rapids, Iowa 52401 • 1 (800) 452-2757 tel • 1 (319) 369-3453 fax • Amtech Systems Division • 19111 Dallas Parkway, Suite 300 • Dallas, Texas 75287-3106 • 1 (800) 923-4824 toll-free • 1 (972) 733-6600 tel • 1 (972) 733-6699 fax

Europe/Middle East/Africa • Sovereign House • Vastern Road • Reading, Berkshire, RG1 8BT • United Kingdom • +44 118 987 9400 tel • +44 118 987 9401 fax

Asia Pacific/Latin America • 6001 36th Avenue West • P.O. Box 4280 • Everett, Washington 98203-9280 • 1 (800) 347-2636 tel • 1 (319) 369-3324 fax

Label Products and Supplies • North America • 1 (513) 874-5882 tel • 1 (513) 874-8487 fax • or 1 (800) 227-9947 tel • 1 (800) 227-1707 fax • Latin America/Asia Pacific • 1 (513) 870-7930 Int'l phone • 1 (513) 874-3613 Int'l fax • Europe/Middle East/Africa +31 24 372 3100 tel • +31 24 378 0070 fax

World-Wide Fax Document Retrieval Service • 1 (650) 556-8447 tel • 1 (800) 755-5505 (North America Only)

Internet • www.intermec.com **E-mail** • info@intermec.com

Copyright © 1998 Intermec Technologies Corporation. All rights reserved. All trademarks are the property of their respective owners. Contents subject to change. Printed in the U.S.A. 608458 7/98

Intermec
Technologies Corporation