7035 **Hand-Held Computer**

FEATURES

- Choice of single or dual Type II PCMCIA slots: one for your choice of radio support, the other for an ATA expansion card for mass data storage if required

- IEEE 802.11b open architecture direct sequence spread spectrum radios, narrowband radios and Mobitex wide area network radio support

- Terminal Development Kit provides programming tools for developing real-time or batch applications

- Solid support for advanced emulations including IBM 3270, IBM 5250, HP 2392, ANSI VT220 and HTML

- Application optimization to suit any ERP, WMS or supply chain software

- RS-232 peripheral port supports decoded and non-decoded scanners, serial printers and COM devices

- High-capacity battery; optional "big button" keyboard for gloved use in condensing environments down to -30°C/-22°F

Unrivaled power, speed and flexibility

BUILT FOR TOUGH ENVIRONMENTS

To compete in the new economy, businesses must move products and services more rapidly than ever before. This requirement intensifies the need for real-time access to inventory management and supply chain information. The 7035 hand-held, user-programmable computer offers the ideal solution, combining real-time accuracy, speed, ruggedness and ease of use. Lightweight and ergonomically designed, the 7035 transmits and receives data in sub-seconds, and can stand up to the harshest conditions in warehousing, manufacturing, distribution or intermodal operations. And it's also suited to condensing cold-chain environments like cold storage and yard applications down to -30°C/-22°F.

PSION TEKLOGIX

information in motion

7035 Hand-Held Computer

7035 36-Key "Big Button"

7035 44-Key "Multi-Purpose"

7035 56-Key "Full Alpha Numeric"

7035 Shown with Vehicle-mount Options

7035 Shown with Field-Installable Pistol Grip

Terminal Development Kit

Specifications

PROCESSOR & MEMORY

- Microprocessor: 32 bit AMD Elan SC400 486DX, 33 MHz
- Flash: 4 MB Flash, expandable to 8 MB
- RAM: 8 MB RAM expandable to 16 MB

OPERATING SYSTEM

- IBM DOS 7.0

WIRELESS COMMUNICATIONS

- IEEE 802.11 ... sequence
  Data ra...
- 403...
  Tra... a;
  .01...
  Data... annels: 1 to 16

Available in Narrowband only as of July 1, 2006

PERIPHERALS

- Two RS-232 serial ports, COM1 includes 16550 UART
- Peripheral port supports decoded and non-decoded scanners, serial printers, and other communication devices
- IrDA for wireless printing
- Internal beeper, volume and tone control

KEYBOARD

- Available in 36-key "big button", 44-key "multi-purpose" and 56-key "full alpha numeric" formats
- All keyboards support remapping
- Up to 36 addressable function keys and 10 addressable/programmable macro keys

DISPLAY

- 160 x 160 graphic monochrome transflective LCD VGA screen with automatic back-lighting and adjustable contrast
- Active area: 62mm x 62mm/2.44" x 2.44"
- Font sizes supported: 5x10, 6x10, 8x10, 8x20, 9x20, 10x20, 18x20, 16x22, 10x26, 12x32, 18x32
- International language support including DBCS

ANTENNA OPTIONS

- Standard high gain whip antennas on 2.4 GHz and narrowband models for maximum coverage
- Optional internal antenna for 2.4 GHz model

SIZE & WEIGHT

- At keyboard: 69mm/2.7" wide x 41mm/1.6" deep
- Maximum overall: 93mm/3.7" wide x 74mm/2.9" deep x 241mm/9.5" long
- Weight (basic unit)
  with battery, hand strap and 2.4 GHz 802.11b radio: 650g/23 oz
  with integrated scanner add: 48g/1.7 oz
  with pistol grip add: 110g/3.9 oz

ENVIRONMENTAL

- Std. temp. model
  Operating: 0°C to 50°C/32°F to 122°F
  Storage (not incl. battery): -40°C to 60°C/-40°F to 140°F
  Humidity: 5 - 95% relative humidity, non-condensing
- Freezer/Extreme temp. model
  Operating: -30°C to 50°C/-22°F to 122°F
  Storage (without battery): -40°C to 60°C/-40°F to 140°F
  Humidity: 5 - 96% relative humidity, freezer condensing
- Std. & Freezer/Extreme temp. model
  Drop Rating: Multiple 1.5m/5' drops to concrete
  Shock: 30G on all axis
  Vibration: 1.5G RMS PSD (Power Spectrum Density) on frequency range of 4 to 500 Hz
  Rain/Dust: IEC 529, IP64 rating, NEMA 3 and 3S

POWER MANAGEMENT

- Fast swap, rechargeable 2200 mAh 7.2V Li-Ion battery pack, 2.5 hour recharge
- 10 hour operation (typical TESS emulation, 5 scan transactions/min.)
- High reliability backup (approx. 5 min. during battery changing)
- APM (Advanced Power Management) compliant
- Accurate on-screen battery fuel gauge

OPTIONAL INTEGRATED SCANNERS

- High performance standard range with configurable aiming dot
- Long range, with configurable aiming dot
- Advanced long range, with configurable aiming dot
- 2D PDF417

APPROVALS

- Safety (applies to chargers): UL 1950, CSA C22.2 No950
- LVD EN60950
- EMC: FCC Part 15 Class B, EMC Directive 89/336/EEC
- Laser: CDRH/IEC Class II

ACCESSORIES

- 6 Unit Charger, 3 Unit Charger, In-Unit Charger
- Hand Strap, Wrist Strap, Shoulder Strap
- Belt Loop, Holster, Carrying Cases
- Vehicle-Mount Cradle (powered & non-powered)
- Field-Installable Pistol Grip
- Terminal Development Kit

*Specifications are subject to change without notification.