7030 Hand-Held Terminal

FEATURES

- 32-bit RISC multi-tasking architecture allows simultaneous connection and communication with up to six host platforms

- Cellular switching ensures continuous data exchange, allowing workers to move seamlessly between coverage cells

- Rugged construction for shock absorption; sealed against condensation, rain, sleet, salt, air and dust penetration

- Ergonomic design comfortably fits workers' hands, making data entry easy and efficient. Keyboard layout allows ambidextrous use, in 57- or 40-key format. Alpha, numeric and function keys formatted for easy, efficient use

- The largest non-glare, scratch-resistant tempered glass display available on a hand-held terminal

Rugged unit withstands harsh conditions

DESIGNED TO TAKE THE PUNISHMENT

Your workers are continually on the move, often in demanding physical environments. To maintain a competitive supply chain and rapidly respond to customer needs, mobile workers require instant information. The 7030 Hand-Held Terminal puts that information at their fingertips: the rugged, portable and rapid 7030 allows mobile workers to send and receive information and prioritised work instructions, as well as update databases in real time. The 7030 is engineered to excel in harsh working environments, including manufacturing, warehousing, distribution and intermodal operations. And it's also available as a freezer terminal: the first hand held proven to excel in condensing environments down to -30°C/-22°F.

PSION TEKLOGIX

information in motion

Specifications

PROCESSOR & MEMORY

- Microprocessor: 32 bit HCMOS, plus 32 bit RISC
- Flash: 2 MB Flash ROM
- RAM: 512 Kbyte RAM

WIRELESS COMMUNICATION OPTIONS

- **403 - 512 MHz Synthesised Narrowband**

  Transmission power: 2 Watts North America; 0.01 to
  2 Watts International
  Data rates: 4.8, 9.6 or 19.2 Kbps
  Channels: 1 to 16

- **902 - 928 MHz Spread Spectrum Transceiver
  (Direct Sequence)**

  Transmission power: 0.1 to 1.0 Watts
  Data rates: 9.6, 19.2, or 122 Kbps
  Channels: 1 to 7

PERIPHERALS

- Two industrialised I/O ports are standard on all units. The 28-pin connector accepts decoded and non-decoded tethered scanners and serial devices. The 36-pin connector supports printers and other serial devices
- Internal beeper, volume and tone control

KEYBOARD

- 3 formats available: 40 Key, 57 Key, 57 Key Stand Alone "Z"
- All keyboards available in "glow-in-the-dark" format
- All keys are re-mappable with the exception of the ON/OFF key
- 57 key: 31 accessible function keys (10 single push), and 12 accessible, programmable macro keys
- 40 key: 31 accessible function keys (12 single push), and 12 accessible, programmable macro keys (4 single push)

DISPLAY

- 320 × 240 pixel ¼ VGA, landscape supertwist LCD with automatic back-lighting, and adjustable contrast
- Screen formats supported: 8x20, 10x20, 10x26, 12x29, 12x40, 17x20, 17x26, 17x32, 17x40, 25x40

SIZE & WEIGHT

- Length: 265mm/10.4" Width (Grip): 74mm/2.9" Depth: 38mm/1.5"
- Weight

  Terminal with 1200 mAh battery and 902 MHz radio: 1.0kg/2.2 lbs; 2600 mAh battery add 43g/1.5 oz; Long range scan engine add 48g/1.7 oz; Scanner handle add 110g/3.9 oz; Narrowband add 3.5g/0.1 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: 25 drops from 1.5m/5' and 10 additional drops from 1.8m/6' onto polished concrete, meets MIL std 810D method 516.4 proc. 4
  Shock: 30 G on all axis
  Vibration: 1.5 G RMS PSD (Power Spectrum Density) on frequency range of 4 to 500 Hz
  Rain/Dust: Rated to IP64 as per IEC 529, NEMA 3S and 13

POWER MANAGEMENT

- Fast swap, rechargeable 1200 mAh NiMH battery pack, 2.5 hour charge time
- Optional fast swap, rechargeable 2700 mAh NiMH battery pack, 2.5 hour charge
- 8 hour operation (5 scan transactions/minute)
- High reliability backup (approx. 10 minutes during battery swap)

OPTIONAL INTEGRATED SCANNERS

- High Performance Standard Range
- Long Range
- Advanced Long Range
- Built-in software provides auto discrimination of: Code 39, Code 128, EAN 128, EPC-A/E, Codabar, Code 03, Code 11, Interleaved 2 of 5, Plessy and Discrete 2 of 5
- Field installable pistol grip

APPROVALS

- EMC: FCC Part 15 Class B, EMC Directive Class B
- CE Approved

ACCESSORIES

- 1, 3 and 6 Unit Charger/Conditioners
- In-unit battery charger with spare battery slot
- Hand Strap
- Wrist Strap
- Shoulder Strap
- Holster
- Powered and Non-powered Vehicle-Mount Cradle

*Specifications are subject to change without notification.

7030 40-Key

7030 Standard Key
(glow-in-the-dark option)

7030 Z-Key

7030 Power Cradle

7030 Pistol Grip

A WORD ABOUT PSION TEKLOGIX

Psion Teklogix provides mobile computing solutions for the enterprise. The company's systems, installed in more than 10,000 sites worldwide, provide mobile workers with anytime, anywhere access to enterprise IT systems. The largest operating division of Psion PLC, Psion Teklogix plays a key role in its parent company's vision to create new ways to access mobile data and the mobile internet. Psion Teklogix has 43 sales and support offices and 95 independent distributors throughout the world.