NEO

Scan. Connect. Communicate.

Psion Teklogix listens to our customers. When you challenged us to deliver an entry level handheld that is rugged, flexible, ergonomic and meets the demands of light industrial, retail, or supply chain logistics operations, we delivered NEO.

NEO delivers performance and durability packaged in a superior ergonomic design. An innovative easy to read, tilted display provides the right balance of styling and comfort for extended hours of use and delivers optimal viewing during data capture. With its unique expansion options, NEO provides maximum investment protection allowing you to meet your current and evolving application needs.

Features & Benefits

Innovative, Ergonomic Design
- Class leading ergonomics provide superior ease of use
- Unique, tilted display provides optimal viewing during data capture and ensures comfort
- Compact enough to fit in a pocket

Robust Built-In Functionality
- Microsoft Windows® CE.NET based mobile handheld computer with integrated data capture and communications
- Supports WLAN with Push-To-Talk technology and Bluetooth®
- 2.7'' bright, colour touch screen display delivers incredible readability both indoors and outdoors
- Integrated imager/scanner allows for data capture
- Expansion capability delivers flexibility to incorporate new technologies for future application needs (i.e.: RFID) and provides investment protection

Essential Ruggedness
- Rugged design and durability delivers maximum up-time and increased productivity
- Withstands 26 drops from 1.2 meters (4 ft) to polished concrete
- Includes IP54 rating, protecting against dust and water
- Operating temperature range of -10°C to +50°C (14°F to 122°F)

Typical Applications
- Front Store Retail: Mobile stock checking, price checking, merchandising
- Light Duty Warehousing: Inventory tracking, stocking, back-dock shipping and receiving
- Utilities: Meter reading, surveying, parking enforcement, asset tracking
- Courier/Parcel Delivery
- Ticket Verification: theatre and sporting events

PSION TEKLOGIX
information in motion

Specifications[*]

MODEL VARIANTS

Batch
2.7" Colour Touch Screen, Numeric Keypad, Windows® CE 5.0 Core, 64/128 MB Memory, Micro SD Slot, 3000 mAh Battery
Plus Batch Options:
- Bluetooth® Radio
- Bluetooth® Radio and 1D Imager
- Bluetooth® Radio and 1D Laser Scanner

Connected
2.7" Colour Touch Screen, Windows® CE 5.0 Professional, 64/128 MB Memory, Micro SD Slot, 3000 mAh Battery, VoIP (Push-To-Talk), WiFi/BT Radio
Plus Connected Options:
- 1D Imager
- 1D Laser Scanner

The connected variant is available in 2 keypad configurations (26 Key Numeric or 48 Key Alpha – Numeric)

PLATFORM

Processor
- PXA270 Processor @ 312 Mhz

Memory
- On-board RAM: 128 MB SDRAM
- On-board ROM: 64 MB Flash

OPERATING SYSTEM
- Microsoft® Windows® CE 5.0

PROGRAMMING ENVIRONMENT
- HTML, XML
- Mobile Devices SDK
  - HTML, XML
  - Java™
  - Visual Studio® 2008
  - Standard protocol APIs – Windows® sockets (WinCE)

WIRELESS COMMUNICATIONS
- On-board IEEE 802.11b/g (CCX Certified)
- On-board Bluetooth® radio (10 m range)

APPLICATION SOFTWARE
- Internet Explorer® 6 for CE
- Wordpad
- Active Sync
- Open TekTerm
- ANSI
- TESS terminal emulations
- IBM 3270, IBM 5250, HP 2392
- Wavelink®
- MCL
- MCC
- PTX Connect

BARCODE APPLICATIONS
- 1D Standard Laser Scanner Option
- 1D Standard Imager Option

USER INTERFACE
- Multicolour LED for scanning and charging

  Display (Backlit)
  - 2.7 in QVGA portrait mode
  - QWERTY virtual option
  - Sunlight readable transmissive with touch screen
  - Colour 240 x 320 graphic TFT
  - Passive stylus or finger operation

  Keypad (Backlit)
  - 48 key Alpha Numeric
  - 26 large key Numeric
  - LED backlit keypad
  - Ergonomically enhanced for ambidextrous one-hand operation

  Audio
  - Built-in microphone and receiver on all "Connected" variants
  - 85 db internal beeper
  - Bluetooth® (on equipped models)

INTERNAL EXPANSION SLOTS
- One MicroSD slot

EXPANSION PORT
- Battery Power
- USB signaling

DOCKING PORT
- RS232
- USB
- DC Input

POWER MANAGEMENT
- 3.7V @ 3000 mAh Li-ion rechargeable battery
- 8 hour battery operation
- Smart battery system
- Built in gas gauge & performance monitor
- System backup (up to 10 minutes) during battery swap
- 3 day real time clock backup
- Adjustable battery allocation between system backup and runtime

USER ENVIRONMENT
- Operating Temperature: -10°C to +50°C (14°F to122 °F)
- Storage Temperature: -20°C to +60°C (13°F to140°F)
- Relative Humidity: 5% to 95% RH non-condensing
- Rain & Dust Protection: IP54, IEC 529
- Drop: 1.2m (4 ft) – 26 drops to polished concrete
- Shock and Vibe: Random vibration 5 m2/s3 @ 10 to 100 Hz, 1 m2/s3 @ 200-2000 with duration of 30 min/axes, 3 axes, and shock of 300 m/s2 @11ms and 1000 m/s2 @ 6ms
- ESD: +/- 8k Vdc air discharge, +/- 4k Vdc contacts

PHYSICAL DIMENSIONS AND WEIGHT
- Device: 168 mm x 64 mm x 34 mm / (6.6" x 2.5" x 1.3")
- Grip Area: 56 mm / 2.2" (W)
- Weight with battery: 275 g (0.6 lb)

ACCESSORIES
- Desk Top Charger
- Quad Unit Charger
- Pistol Grip
- Additional miscellaneous adaptors and cables
- Carrying Accessories
(a complete list of accessories is available at www.psionteklogix.com)

REGULATORY APPROVALS
- FCC 15.247
- IC RSS210
- CE ETSI EN 300 328, ETSI EN 301 489, EN 55022, EN55024
- Safety IEC 60950-1
- Laser Safety IEC 60825-1

Product is ROHS Compliant

[*] Specifications are subject to change without notice.

www.psionteklogix.com