Psion Teklogix has hand-held computing down cold

The 7530 G2 is a Windows® CE 5.0 based hand-held computer engineered to deliver unparalleled performance, ruggedness and durability required for mobile data collection in the harshest mobile environments in and out of the 'four-walls'. The user-friendly 7530 G2 is designed to deliver **F**lexibility, **I**ntegration, **R**uggedness, **E**rgonomics (**FIRE**) in **I**ntense and **C**old **E**nvironments (**ICE**) day-in and day-out. The features of FIRE and ICE put the 7530 G2 in a class by itself. Add to this, robust expansion and connectivity options, and it is easy to see why the 7530 G2 is the only choice for use in extremely rugged environments like freezers, ports, yards and wide-area mobile applications. And, like the rest of Psion Teklogix' products, the 7530 G2 is based on industry standards to ensure it integrates easily into your existing or future infrastructure.

ADVANTAGES

Extreme Ruggedness:
- IP67: protected against dust and temporary water immersion
- Drop rating: Withstands multiple drops from 6 ft. (1.8m) or 26 drops (on 12 edges, 6 corners, 8 faces) from 5 ft (1.5m) to concrete while powered on and configured with accessories such as WiFi radio, scanner / imager and pistol grip
- Temperature range:
  -22°F to +140°F (-30°C to +60°C)

Flexibility & Integration:
- Standards-based software and hardware components
- Robust expansion capabilities
- Windows CE 5.0 and Intel XScale architecture

Ergonomic:
- Dual Enter Keys: provides ambidextrous one-hand operation
- Functional styling combined with a robust feature set
- 1/4 VGA sunlight-readable display with touchscreen
- Backlit, hard-capped keypad
- Pistol Grip handle for comfort and balance

Each of these key 7530 G2 features help to deliver the solution uptime expected from Psion Teklogix devices.

PSION TEKLOGIX
information in motion

Specifications*

PROCESSOR AND MEMORY
- 520 MHz XScale PXA 270 Processor
- On-board RAM: 128MB SDRAM
- On-board ROM: 64MB FLASH

OPERATING SYSTEM
- Windows CE 5.0

PROGRAMMING ENVIRONMENT
- HTML, XML
- Mobile Devices SDK
- CE.NET SDK
- Java,Visual C++
- Standard protocol APIs - Windows sockets (WinCE)

WIRELESS COMMUNICATIONS
- 802.11 b/g Direct Sequence (DS) - Extended Range Compact Flash (CCX-Certified)
  - Security:
    - WPA 1, 801.11i/WPA 2
    - Encryption – Dynamic WEP, AES
    - EAP Types - LEAP, PEAP MS-CHAP v2, PEAP GTC, EAP-FAST,TLS,TTLS.
- Narrowband 403-512 MHz PC Card radio
- On-board Bluetooth radio 2.4 GHz (10m range)

APPLICATION SOFTWARE
- Internet Explorer 6 for CE
- Wordpad
- Active Sync
- Open TekTerm
  - ANSI
  - TESS terminal emulations
    - IBM 3270, IBM 5250, HP 2392

USER INTERFACE
Display:
- 320 x 240 (1/4 VGA) graphic colour TFT
- 3.5'' diagonal portrait mode
- 256k displayable colours
- Contrast control and automatic backlight
- Sunlight readable (for outdoor use)

Keyboards:
- 2 formats available
  - 37 key large button (10 F-keys)
  - 63 key alpha (10 F-keys)
- Illuminated with EL backlight
- Ergonomic ambidextrous one-hand operation with dual Enter keys
- Dedicated function keys
- Hard-capped keys
- Elastomer keys

Touchscreen options:
- Passive stylus or finger operation
- Signature capture
- Integral stylus holder
- Ultra-rugged 5-wire technology

Sound:
- Voice Features – speaker and mic
- Record/playback email attachments

Indicators & Controls:
- Internal speaker & beeper with volume control, internal mic
- Multicolour LEDs for radio transmit / receive, scanning, battery status, user applications

INTERNAL BAR CODE SCANNERS
- 1D & 2D scan engines:
- Standard
- Long Range
- Advanced Long Range
- Enhanced Standard Range (Fuzzy Logic)
- PDF417 Raster Laser
- 1D Auto-Ranging
- 1D Standard Imager
- 2D Standard Imager

RFID APPLICATIONS
- Tethered reader/writer
- Multi-protocol support @ 900MHz

INTERNAL EXPANSION SLOTS
- One SD I/O (MultiMediaCard) slot
- One Type II Compact Flash slot
- One Type III Extended PC Card slot

EXTERNAL PORTS
Tether port with:
- RS232 serial (decoded/undecoded scanner, printer)
- USB host

Docking Station Port with:
- RS232 serial
- USB device support
- USB host support
- Power in/out

SIZE & WEIGHT
- Size: 10.6''L x 3.9''W x 3.3''D (270mmL x 100mmW x 85mmD)
- Keypad grip area: 3''W x 1.7''D (77mmW x 43mmD)
- Weight: 30.5oz (950g – Troy)
  - Includes std. battery, std radio & std. internal scanner
  - Pistol grip add 4oz (125g – Troy)

ENVIRONMENTAL
- Operating temp: -22°F to 140°F (-30°C to +60°C)
- Storage temp: -40°F to 140°F (-40°C to +60°C)
- Humidity: 5% - 95% RH condensing
- Rain/Dust: IEC 529, classification IP67
- Drop Rating: 6' (1.8m) - multiple drops, plus 5' (1.5m) - 26 drops to polished concrete.
- Cradle shock: 30g in each axis
- Cradle vibration: 50g RMS PSD (4 – 500 Hz) (random)
- Frost-free scan window option
- Heated scan window to reduce fogging

POWER MANAGEMENT
- Li-Ion standard battery (up to 12 hrs usage*)
- Optional Li-Ion High Capacity battery (up to 17 hrs usage*)
- Quick swap packs
- Advanced Smart Battery with gas gauge
- Built-in fast charger (2hrs)
- System backup during battery swap (15 min)
- 1 week real-time clock backup
  - * less in freezer applications

NETWORK MANAGEMENT & SECURITY
- SNMP MIB 2 support
- Remote software download
- Remote WLAN management
- Enhanced security for 802.11

ACCESSORIES
- Battery
- Hand Strap
- Belt Clip
- Belt Loop
- Holster
- Stylus
- Chargers
- Pistol Grip
- Wrist Strap
- Fabric Carry Case
- Shoulder Strap
- Rubber Boot
- Vehicle Cradles
- Wall Adapter
- Touchscreen Protective Cover
- Cradle Port Replicator
- Combo Docking Station
- 6-Unit Gang Charger
- Portable Docking Module
- Tether Adapter Cables

For More information about our accessories, visit www.psionteklogix.com/accessories

APPROVALS
- RoHS compliant (EU Directive 2002/95/EC)
- Safety: UL 1950, CSA C22.2 No950, LVD EN60950
- EMC: FCC Part 15 Class B, EMC Directive Class B
- Laser: IEC 60825-1 2001 Class 2 (EN60825-1)

* Note this product will carry the CE Mark

* Specifications are subject to change without notice

www.psionteklogix.com