



## Small Frame, Large Feature Set

The 8515 from Psion Teklogix packs a powerful feature set in a small and lightweight frame. This small form factor Vehicle-Mount computer has exceptional functionality and provides outstanding ergonomics when considering line-of-sight, safety and keyboard operation.



### ADVANTAGES

#### Small Footprint

Particularly for applications where mounting space is a problem, the Psion Teklogix 8515 with its small footprint is ideal to limit line-of-sight interference.

#### Integrated Full Alphanumeric Keyboard and 10 Dedicated Function Keys:

The Psion Teklogix 8515 is equipped with a full PC style alphanumeric keyboard. This allows for flexible and accurate data entry.

#### Enhanced Connectivity

Bluetooth, audio, serial RS232 and two USB host and one USB device port allow connecting a large range of peripherals like barcode or RFID scanners or printers.

#### Enhanced Audio Support

The Psion Teklogix 8515 supports a two way speaker/microphone with Push-To-Talk capability.

#### Multiple Radios

802.11b/g and built-in Bluetooth with high performance integrated antennas keeps the device size small and still offers maximum radio flexibility. The optional external antenna mounted on the roof of your forklift truck ensures good reception even in large coverage areas.



# 8515 Vehicle-Mount Computer



## Specifications

### Processor & Memory

- Intel XScale PXA270, 312 MHz
- 128MB Flash micro-SD card (extendable up to 1GB)
- 64MB SDRAM

### Operating System

- Microsoft Windows CE 5.0

### Displays & Touch Screen

- VGA 640 x 480 TFT Transmissive LCD
- Size: 6.4" diagonal
- Color depth: 16 bit
- Adjustable backlight brightness (minimum ratio: 250:1)
- 5 wire resistive touch screen with anti-reflective, anti-glare coating and stylus

### Keyboard

- Integrated alpha-numeric keyboard (58 keys)
- 10 function keys
- Adjustable LED backlight

### Enclosure

- Material: High impact polycarbonate
- Dimension: 195 mm x 210 mm x 50 mm (7.68" x 8.27" x 1.97")
- Weight: 1.5 kg (3.3 lbs.)

### Audio/Voice System

- 3.5mm jack for connection to a rugged Push-to-Talk speaker/mic

### Indicators

- Power On LED
- Beeper with adjustable volume control

### Interfaces

- 1 x full function UART (DB9) with 5V / 500mA for external devices
- 2 x USB host port
- 1 x USB client port

### Expansion

- 1 x Compact Flash Slot Type I or II (3.3V)
- 1 x micro-SD slot for memory expansion

### Radios

- 2.4 GHz 802.11b/g radio
- Integrated Bluetooth class 2

### Environmental

- Operating temperature range: -10°C to 50°C (14°F to 122°F)
- Storage temperature range: -20°C to 70°C (-4°F to 158°F)
- Humidity (operating): 5% to 90% RH non-condensing at 40°C (104°F)
- Dust & water protection enclosure rating IP65
- Shock & vibration testing IEC 60721-3-5 - Class 5M2
- Salt Spray: Per NEMA 250, method 5.9.1
- UV: Per MIL-STD-810F, method 505.4, procedure II

### Power Supply & Management

- Backup battery with automatic charging
- 350 mAh Li polymer battery cell (3.6V nominal)
- 1-hour battery life for memory backup
- 7-day RTC backup
- Battery charge time (typical) 2 hours
- 10-35V power input range
- Power consumption: max 30W

### Optional Software

- Terminal emulation
- HTML browser
- PTX Connect
- Remote device and network management (MapRF, Mobile Control Center)
- Psion Teklogix Mobile Devices SDK for application specific software development

### Optional Accessories

- Vehicle mount/cradle
- External pre regulator
- Memory cards
- Rugged Push-to-Talk speaker/mic
- External RFID scanner
- External barcode scanner

### Approvals

- FCC Part 15 Subpart B, Class B, Emissions
- Industry Canada ICES-003 Class B
- EN 55022:1998, Class B Emissions
- EN 55024:1998 Immunity
- EN 60950-1, UL 60950-1, CSA 22.2 No. 60950-1, Safety
- ISO7637-1/2 Vehicle transients
- Bluetooth (Built-in): EN 300 328, FCC Part 15 Subpart C, RSS 210, and EN 301 489-17
- RA2040: EN 300 328, FCC Part 15 Subpart C, RSS 210, and EN 301 489-17
- RA1001: EN 300 113, FCC Part 90, RSS119, and EN 301 489-5