

## 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

A full PC style alphanumeric keyboard 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 VoIP 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 Computers

## Specifications\*



### PROCESSOR & MEMORY

- Marvell XScale PXA270, 312 MHz
- 128MB Flash micro-SD card
- 128MB SDRAM

### OPERATING SYSTEM

- Microsoft Windows® Embedded CE 5.0

### DISPLAYS & TOUCH SCREEN

- VGA 640 x 480 TFT Transmissive LCD
- Size: 6.4" diagonal
- Color depth: 16 bit
- Adjustable backlight brightness - 350 NITs
- 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: 209 mm x 203 mm x 46 mm (8.23" x 7.99" x 1.8")
- Weight: 1.31 kg (2.9 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 (DE9) 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 (not user-accessible)

### RADIOS

- 2.4 GHz 802.11 b/g radio
- Integrated Bluetooth® Class 2

### USER ENVIRONMENT

- Operating temperature range: -20°C to 50°C (-4°F to 122°F)
- Storage temperature range: -35°C to 70°C (-31°F to 158°F)
- Humidity (operating): 5% to 90%, non-condensing

- Dust & water protection enclosure rating IP65
- Shock & vibration: 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
- Chemical resistance: SAE J1255

### POWER SUPPLY & MANAGEMENT

- Backup battery with automatic charging
- 350 mAh Li polymer battery cell (3.6V nominal)
- 1-hour memory backup
- 7-day RTC backup
- Battery charge time (typical) 2 hours
- 10-30V 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
- USB to Ethernet adapter
- Rugged Push-to-Talk speaker/mic
- External bar code 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
- 802.11 radios: EN 300 328, FCC Part 15 Subpart C, RSS 210, and EN 301 489-17

Product is ROHS Compliant



\*Specifications are subject to change without notification.

Psion Teklogix™ is a trademark of Psion Teklogix Inc. Other product names mentioned in this document may be trademarks of Psion Teklogix Inc. or trademarks or registered trademarks of other hardware, software, or service providers and are used herein for identification purposes only.

Windows is a registered trademark of Microsoft Corporation.