

### Psion 8515 – Intelligent, Small, Robust



The incredibly compact and lightweight Psion 8515 is the appropriate vehicle computer in any place where space and hectic determine the business:  
In warehouses, ports, factories and airports, the device ensures consistent productivity throughout the shift.

#### YOUR ADVANTAGE

**Constant productivity in a compact size - whether in the warehouse, at the airport, in manufacturing or in retail**

The reliable work tool is still very small and never blocks the view of the forklift drivers.

Its many features make it easier to work in the warehouse and its bright touch screen can be read in almost any light.

**The result:** Constant productivity throughout the shift.

As permanent-mount the terminal is also perfectly suitable for data collection in retail.

*Note: The Psion 8515 does not work with our mobile order management software PSV3®*



#### Characteristics

- Windows®-based, with XScale processor, as well as WiFi and Bluetooth® interfaces
- Connection of peripheral devices such as bar code scanners, printers, and RFID reader with two USB host ports and one RS232 serial port possible
- Alphanumeric keyboard in PC style and ten function keys arranged ergonomically around the display for easy operation (Natural Task Support™)

## Product Information - HARDWARE

### ITEM NUMBERS

20-8515-01

Available in various combinations: keyboard (QWERTY, ABC, AZRTY), antenna version, power supply, and with or without bracket

### PROCESSOR AND MEMORY

- Marvell® XScale PXA270, 312 MHz
- 128MB SDRAM
- 4GB Flash micro-SD card

### OPERATING SYSTEM

- Microsoft® Windows® CE 5

### WIRELESS COMMUNICATION

- 2.4 GHz 802.11b/g
- Bluetooth®, class II

### USER INTERFACE

- Display: VGA 640 x 480 TFT Transmissive LCD
- Dimensions: 6.4" Diagonal
- Color depth: 16 Bit
- Adjustable backlight 350 NITs
- Robust 5 wire touch screen with anti reflective coating, operable with stylus or finger
- Integrated alphanumeric keypad (58 keys)
  - 10 decided function keys
  - Adjustable LED backlight

### AUDIO / VOICE SYSTEM

- 3.5mm slot for connection to a push-to-talk microphone

### EXTERNAL SLOTS

- Fully functional UART (DE9) with 5V / 500mA for external devices
- 2 x USB Host Port
- 1 x USB Client Port

### POWER SUPPLY

- Backup battery with automatic charging function
- 350 mAh Li Polymer battery (3.6V Nominal)
- 1 hour battery power for data backup
- 7 days RTC backup (real time clock)
- battery charging time ca. 2 hours
- 10-30V power supply
- Energy consumption: Max 30W

### APPLICATION AREA

- Operating temperature: -20°C to +50°C
- Storage temperature: -35°C to 70°C
- 5% to 95% (non-condensing)
- Rain&Dust protection: IP65
- Shock and vibration: IEC 60721-3-5 - Class 5M2
- Salt spray test: Per NEMA 250, Method 5.9.1
- UV: Per MIL-STD-810F, Method 505.4, Procedure II
- Chemical protection: SAE J1255

### DIMENSIONS AND WEIGHT

- Dimensions: 209 x 203 x 46 mm
- Weight: 1.31 kg

### CERTIFICATIONS

- 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

### ACCESSORIES

- Antenna Options
- Different holding fixtures
- Voltage converter