# EP10

## CREATED BY PSION. DRIVING YOUR BUSINESS.

PSION



# MEET THE ALL-NEW PSION EP10

**The market's most durable and complete enterprise PDA**
Built on the core technologies of the Omnii™ platform, the Psion EP10™ packs full-sized functionality into a handy, ergonomic device - making it the industry's most powerful, durable enterprise PDA.

Unlike consumer-grade hardware, EP10 is optimized for commercial and industrial applications. It delivers all the performance of Psion's premium industrial handhelds – in a more affordable, compact form. EP10: it works harder so your business can work smarter in the field.

www.psion.com

# EP10
## The Durable Enterprise PDA

### It Works Harder So Your Business is Smarter in the Field

Since 1980, adaptive ingenuity has been hard-wired into everything we've ever built. Today, nothing has changed – it's what pushes us to innovate mobile computing solutions that transform the way businesses work.

Now, the all-new Psion EP10 proves our pioneering spirit still delivers. It is also the latest demonstration of how Open Source Mobility (OSM) and our online community, IngenuityWorking.com, works to bring the best results to our customers.

The EP10 is built on the same core technology that powers the Psion Omnii™ family.  This means EP10 boasts an extensive set of features that help customers minimize downtime, maximize productivity, and reduce costs in the long-term – enabling businesses to work harder and smarter in the field.

### Features & Benefits

The Psion EP10 is optimized for industrial applications, offering all the features of a full-sized industrial computer – without the extra bulk. No other small form factor mobile computer comes close.

#### Uncompromised Performance

The EP10 features industry-leading power.  Built with the latest Texas Instruments AM3715 Sitara ARM microprocessor, the EP10 delivers benchmark performance with an 800 MHz clock speed and ultra-fast 1375 Drystone MIPS. Its superscalar architecture allows for more efficient computational logic, and its 256 RAM / 2 GB Flash memory provides better support when running multiple applications simultaneously.

#### Compact Form Factor

Size, form factor and ergonomics are all EP10 strengths. Weighing only 345g in a durable case, the EP10 is light and well-balanced in the hand and it's just as easy to pocket as it is to use.  It also features a backlit keypad that is designed for ambidextrous, one-handed operation.

#### Full-Sized Features

Although small, the EP10 is still big on features.  Delivering full phone functionality, the EP10 comes with an integrated 3.2MP camera, onboard scanning which speeds up data collection with its 2D omni-directional imager, and both standard and high capacity Li-Ion rechargeable battery options providing power for an entire shift.

#### Ultimate Wireless

Dedicated radio designs give EP10 total flexibility and quicker data transfer across all applications. The EP10 supports the latest mobile communication standards including CDMA (EVDO rev A) or GSM (UMTS 3.8G HSPA+), GPS, WiFi and Bluetooth.

#### Optimal Viewing Experience

The EP10 boasts a large, high-resolution 3.7" VGA color transflective display as well as an integrated touch-screen that can be operated by finger or passive stylus.  The display has been designed to be sunlight readable by day and backlit for darker conditions.

#### Smart sensors

EP10's built-in interactive sensors enable mobile employees to work smarter with its context-aware computing.  It is packed with everything from proximity and light sensors to an accelerometer, gyroscope, digital compass and GPS, allowing for automatic backlighting, screen rotation and accurate data geo-tagging capabilities.

The EP10's built-in accelerometer enables the display to rotate based on the orientation of the device.

For more information, please visit psion.com

# EP10
## The Durable Enterprise PDA

## Typical Applications

### Field Services
Field service engineers are tasked with a tough job: delivering consistently high service, right where it matters most – out on the front line. EP10 equips them with the tools they need to access, capture and transfer data quickly and simply. So, they're free to focus on the job at-hand. EP10 is the right enterprise PDA for rigors of the road.

### Public Safety
We live in an increasingly security-conscious world. Now more than ever, organizations in both the public and private sectors need fast, intelligent ways to verify and prevent access to all manner of information and environments. EP10 works for a wide range of government and security officers to read, validate and authenticate electronic and physical identities – anywhere.

### Postal & Courier Services
Business is relentless for postal and courier services: the clock is always ticking, and customers will not wait. EP10 provides intelligent, connected computing to ensure the right packages are delivered to the right people – on-time, every time.

### Mobile Ticketing
Any kind of event ticketing application succeeds or fails on one thing: logistics. Few tasks are as crucial to smooth running as efficiently managing the numbers, movements and security of passengers and attendees. EP10 mobilizes and streamlines ticket verification for increased accuracy and reduced costs.

The extensive feature set of EP10 means it is not limited to just these applications highlighted above.  This durable enterprise PDA also enables businesses to increase efficiencies and maximize productivity in such applications as Utilities, Goods Transportation, Direct Store Delivery and more.

## Key Accessories

### USB & RS232 Snap Modules
The USB Snap Module supports USB on-the-go (OTG) and includes Host cable while the RS232 comes standard with DB9 connector that supports full RS232 signals. Both Snap Modules clip securely to the bottom of the device without the need for tools, plus they are both IP54 and have an operating temperature of -10ºC to +50ºC. The Snap Modules can also be used as a charging option for your EP10 when combined with the AC Adapter 110-240V (Model # PS1050-G1).*

### Single Desktop Dock Charger*
Like the EP10, the Single Desktop Dock Charger has a compact form factor.  It includes a Micro USB port which accommodates USB OTG, a Client Active Sync cable, and a spare battery charger with charge indicator LED that enables users to simultaneously charge the device and spare battery.

### Quad Desktop Dock Charger*
The Quad Desktop Dock Charger comes with full ethernet connection to each terminal and allows for the simultaneous charging of 4 EP10s.  The Quad Desktop Dock Charger also comes with option wall mount metal bracket.

*Please note that EP10 charging options must be ordered separately.

A complete list of accessories is available at psion.com

# EP10
## SPECIFICATIONS*

## PLATFORM
- Industrial-class AM3715 Sitara microprocessor (ARM Cortex A8) @ 800 MHz
- **On-board RAM**: 256 MB SDRAM
- **On-board ROM**: 2 GB Flash

## WIRELESS COMMUNICATIONS
- On-board IEEE 802.11a/b/g/n (CCX V4 Certified) radio:
  - **Security**: 802.1X, WPA / WPA2-Enterprise
  - **Authentication**: FAST-MSCHAPv2; LEAP; PEAPv0-MSCHAPv2; PEAPv1-GTC; TLS
  - **Encryption**: 64/128 WEP, AES-CCMP, TKIP
- Bluetooth® v2.0 + EDR radio
- UMTS 3.8G HSPA+ radio
  - **Five Band UMTS**: 800/850, AWS, 1900, 2100 MHz
  - **Quad-Band GSM**: 850, 900, 1800, 1900 MHz
- CDMA EVDO Rev A radio
  - **Dual Band**: 800/1900 MHz
- Integrated 5 band Antenna, supports both voice and data
- SiRFstarIV GPS with SiRFInstantFix A-GPS support (48 channel)
- Active jammer removal

## OPERATING SYSTEM
- Windows® Embedded Handheld 6.5.3

## APPLICATION SOFTWARE
- Windows® Office Mobile 2010, includes Word, Excel, PowerPoint, OneNote & SharePoint
- Internet Explorer Mobile
- Windows Office Outlook Mobile
- Windows Media Player Mobile
- Device Management Software - Mobile Control Center:
  - Easy configuration management and provisioning platform
  - Powerful remote control and troubleshooting functionality
  - Real-time tracking of mobile assets, including geofencing and breadcrumbing
  - Advanced device security, user authentication and lockdown features.
- Psion Software Advantage supports customization, deployment and enhanced productivity
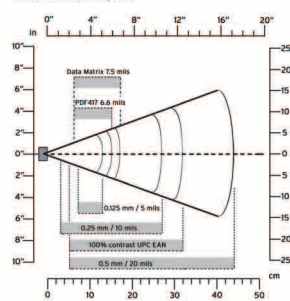
## PROGRAMMING ENVIRONMENT
- HTML, XML
- Mobile Devices SDK
- Java™
- Visual Studio® 2008
- Standard protocol APIs – Windows® sockets

## BARCODE APPLICATIONS
- EA11 2D Imager
- Scanning Performances:
  - **Scan Rate**: 2D mode: 56 images/s auto adaptive
  - **Linear emulation mode**: 200 scans/s auto adaptive
  - **Scan angle**: 38.9° (Horizontal), 25.4° (Vertical)
  - **Optical resolution**: 752 (H) x 480 (V) pixels, 256 gray levels
  - **Print Contrast**: down to 25%
- Symbologies:
  - **1D symbologies**: EAN/UPC, GS1 Databar (limited expanded & omni-directional), RSS, Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved/Matrix/ Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, postal codes (Australian Post, BPO, Canada Post, Dutch Post, Japan Post, PostNet, Sweden Post)
  - **2D symbologies**: Data Matrix, PDF417, Micro PDF 417, Codablock Maxicode, QR, Aztec GS1 composite codes

**EA11 Standard Optics**

## ENHANCED FEATURES
- Accelerometer
- Digital Compass
- Gyroscope
- Light Sensor
- Proximity Sensor

## DISPLAY
- 3.7" VGA portrait mode
- Backlight feature 165 cd/m2 output
- Sunlight readable with integrated touch screen
- Color 480 x 640 graphic TFT
- Passive stylus or finger operation

## AUDIO & VOICE
- Built-in 85db mono speaker
- Microphone
- Receiver
- Supports VoIP, speech recognition, & Push-to-Talk applications
- Wireless Bluetooth® headset support
- Front and rear speakers

## KEYPAD
- QWERTY

- AZERTY

- Numeric

- High reliability keypad ultra-white backlight
- Ergonomically enhanced for ambidextrous one-hand operation

## CAMERA
- 3.2 Mega Pixel Color
- Auto Focus
- Dual LED Flash

## POWER MANAGEMENT
- Optional 3.7V @ 2400 mAh or High Cap 3600 mAh Li-ion rechargeable batteries
- Full Shift operation
- SMART battery
- System backup during battery swap

## MEMORY EXPANSION SLOT
- MicroSD slot

## SNAP MODULES
- USB and DC Input
- RS232 and DC input
- Customizable with HDK & SDK

## CARRYING ACCESSORIES
- Hand Strap
- Stylus & Tether
- Carrying Cases

## CHARGING ACCESSORIES*
- Single Desktop Dock Charger
- Quad Desktop Dock Charger
- 4-Slot Battery Charger
- CLA Charger
- USB & RS232 Snap Module (requires AC Adapter 110-240V: Model PS1050-G1)
- Powered Vehicle Crade with CLA
- Un-Powered Vehicle Crade with CLA & cable charging I/O connector
- **\*All charging options must be ordered separately**

## PHYSICAL DIMENSIONS AND WEIGHT
- Device: 6.2" x 3.1" x 1.2" (158 mm x 78 mm x 30.6 mm)
- Weight with 2400 mAh battery: 0.76 lb (345 g)

78 mm (3.1") — 30.6 mm (1.2") — 158 mm (6.2")

Weight: 345g (0.76lb)

## REGULATORY APPROVALS
- FCC Parts 15B, 15C, 15E, 22H, 24E, 27
- IC RSS-210, RSS-132, RSS-133
- EN 300 328, EN 301 489, EN 55022, EN55024, EN301 511, EN301 908, EN300 440, EN301 893
- Safety IEC/EN 60950-1
- Laser Safety IEC 60825-1

## USER ENVIRONMENT
- **Operating Temperature**: 14°F to 122°F (-10°C to +50°C)
- **Storage Temperature**: -4°F to 140°F (-25°C to +65°C)
- **Relative Humidity**: 5% to 95% RH non-condensing
- **Rain & Dust Protection**: IP54, IEC 529
- **Drop**: 5 ft (1.5m) – 26 drops on each edge, corner, and face to polished concrete; multiple drops at 6 ft (1.8m)
- **Tumble**: 1000 times at .5 m (2000 drops), IEC 60068-2-32
- **ESD**: +/- 8k Vdc air discharge, +/-4k Vdc contacts

A complete list of accessories is available at www.psion.com

Product is ROHS Compliant.

* Note this product will carry the CE Mark.
* Specifications are subject to change without notice.

**Powered by Windows® Embedded**

# GRUPO LOGIS CENTER

## Solutions for Automatic Identification, Barcodes and Mobility

*More than 3000 customers in 15 countries • More than 12,000 products in stock*

## About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

## Reasons to work with us

**Our customers come first.** Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the befenits and advantages we create for you and your company.

**The best brands.** We offer products from the best manufacturers worldwide.

**Expert technical support team.** Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

**Largest stock.** We have a permament stock of more than 12,000 products.

**Same-day shipping.** For all orders placed and confirmed before 16:00 on working days.

**Best prices.** With Logiscenter, you can be sure that you are paying a fair price for your products we will not overcharge you.

**Easy returns.** Damaged or defective products can be returned easily, for an exchange or reimbursement.

### Our Brands

MOTOROLA

ZEBRA TECHNOLOGIES

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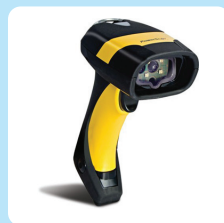Metrologic

LXE

EPSON

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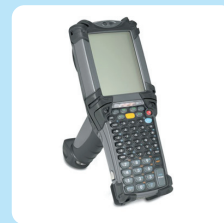star

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## Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health
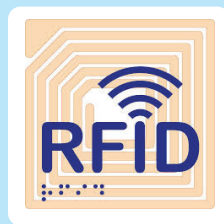
Label printers

Barcode readers

Data terminals & PDA

PVC card printers

RFID

Consumables
(labels, ribbons, PVC cards)

**All Brands Technical Service**