

# OMNII™ XT15 ADAPTABILITY GIVES YOU MORE

  
MORE  
DURABILITY

  
20+  
MORE  
BATTERY-LIFE

  
MORE VALUE

  
MORE KEYPAD  
OPTIONS

  
MORE DATA  
CAPTURE

  
MORE  
CONNECTIVITY

  
MORE SENSORS



## OMNII XT15 RANGE GUIDE 2013

INTRODUCING  
THE OMNII™ XT15f  
ADVANCED TECHNOLOGY  
FOR SUBZERO  
TEMPERATURES



**MOTOROLA**  
SOLUTIONS

**P510n**

# ADAPTABLE BY DESIGN



## THE PSION OMNII™ XT15 RANGE

Tested and developed with our customers and partners, the Omnii XT15 range is uniquely modular by design. It's the latest product of our commitment to open innovation that combines a single, versatile computing platform with the freedom to adapt for any future change in use.

With the Omnii XT15 range, you can add new technologies quickly and easily – with minimal cost and no risk of obsolescence. So, you can simply configure it to meet any business need.

# > ADAPTABILITY GIVES YOU MORE

The Omnii™ XT15 range takes the best features of the Omnii XT10 and adds new functionality and ruggedness to give mobile workers the greatest access to business applications – anytime, anywhere. No other industrial handheld gives you more.



## MORE DURABILITY

The Omnii XT15 range extreme duty display is tougher than the competition and can withstand a 1.25 Joule impact breakage.



## MORE BATTERY-LIFE

The large capacity 5000mAH smart battery boasts a highly efficient architecture to deliver best-in-class power savings and an extended battery life of up to 20 hours.



## MORE KEYPAD OPTIONS

The Omnii XT15 range gives you 6 keyboard styles including QWERTY numeric. Each features an easy-to-use ergonomic design and ultra-white backlight to make even one-handed operation in the dark possible.



## MORE DATA CAPTURE

New data capture options include a range of high performance, sensitive scanners with good/bad scan indicators, Imager Control Services (ICS) and cameras.



## MORE CONNECTIVITY

An expanded wireless offering introduces 3.8G HSPA+ and 2G EDGE (WWAN - Broadband), and 802.11a/b/g/n WiFi.



## MORE SENSORS

The Omnii XT15 range features an accelerometer and GPS that enables screen rotation, compass calibration detection and motion sense+.

# OMNII™ XT15

## HIGHLIGHTS



The Omnii XT15 is unique by modular design, combining a single versatile computing platform with the freedom for any future change in use.

> **Modular performance**

Get the best possible product match for your business needs now – with the ability to adapt for the future.

> **Extreme versatility**

Delivers for the widest range of users, uses and environments.

> **Real-world reliability**

Dual IP67 and IP65 ratings certify unique resistance to water submersion, high-pressure water spray and dust intrusion. Omnii XT15's rugged construction also withstands multiple drops from 2m (6'6").

> **In-the-field flexibility**

New upgrades, hardware plug-ins and software can be added on-the-go.

> **Future-proof technology**

One device can be redeployed and reconfigured for business change.

> **Real-time productivity**

Automate key processes and improve task efficiencies with anywhere access to the right information.

> **Investment protection**

Psion Omnii's unique modularity extends active service potential.

> **Simple serviceability**

Maintenance can be carried out on-site for minimal disruption and downtime.

# OMNII™ XT15f

## HIGHLIGHTS

The condensation-resistant Chiller model is built for -4° F/-20° C environments, while the condensation-free Arctic model is ideal in -22° F/-30° C freezers and for workers moving between cold and warm environments. Both models offer frost-free scanning technology – a heated scan window that prevents internal fogging to ensure successful scanning in condensing environments. Both models also offer a specialized keyboard that is tested and proven to overcome ice buildup and prevent keys from freezing. The Arctic model includes two additional features that maintain display performance in extreme cold: optical bonding prevents internal fogging on the display, while an automatic display heater prevents the deterioration of screen refresh rates common in lower temperatures.

> **A class-leading keyboard that delivers superior usability**

The large high-resolution color touchscreen makes it easy for workers to interact with applications. Key size and placement make data entry easy with one hand, gloved or ungloved. The display is easy to see in just about any lighting condition, including bright sunlight. With plenty of single-press “F” keys, both the 58-key alphanumeric and 34-key numeric keyboards bring push-button simplicity to complex applications.

> **Industry leading bar code scanning**

Three best-in-class scanning options allow you to capture the bar codes you use today and in the future – 1D or 1D/2D. Our extraordinary “all range” 2D imager delivers true laser speed on all bar codes, from near contact to over 30 ft./9.14 m away. And with Motorola’s superior bar code technology, workers can even capture bar codes that are damaged, scratched, under shrinkwrap or on items that are on the highest shelf of a warehouse rack.

> **Flexible wireless connectivity options**

802.11a/b/g/n Wi-Fi provides compatibility with virtually any wireless LAN; support for ‘n’ provides plenty of bandwidth to support any application – from terminal emulation to today’s graphics-intensive web-based Warehouse Management Systems.

> **Maximize value with maximum up-time**

Field serviceability and our support program options help you keep the Omnii XT15f in service and in the hands of your workers. You can change the display, the keyboard and the scanner, right in your facility – no need to send the device to a service depot. And our optional support services cover everything, including accidental damage and wear and tear.

> **Rugged design for superior reliability and TCO**

With a dual IP65 and IP67 sealing, workers can spill water on or even drop the device in a puddle of water – or work out in the pouring rain. And even a 6.5 ft./2 m drop to concrete won’t impact operation.

# > OMNII™ XT15 IN DETAIL

With its certified IP67 and IP65 ratings, the Omnii XT15 delivers reliable performance and unmatched versatility for the most demanding of environments and tasks.



## TECHNOLOGY MADE TOUGH

- > Microsoft Windows® CE 6.0 operating system integrates seamlessly to automate key processes and boost productivity in real-time.
- > Additional Windows embedded hand held 6.5.
- > Bluetooth and WiFi are built-in, so you can quickly connect to printers and WLAN networks.
- > Certified IP65 and IP67 ratings: the Omnii XT15 works wherever you take it.
- > Withstands drops from 1.7m/5'6" on each edge, corner and face – or multiple drops from 2m/6'6" with no loss of function; plus immersion in 1 metre of water.

## REAL-WORLD PRACTICALITY

- > New Texas Instruments AM3715 Sitara ARM microprocessor at 800 MHz delivers industry-leading performance and efficiency.
- > 95dB keypad beeper with vibration feedback – perfect for loud, industrial environments.
- > Additional range of high performance, sensitive scanners with good/bad scan indicators, Imager Control Services (ICS) and cameras.
- > 3.7" VGA colour displays deliver sharpness and clarity for improved visibility – available in two options: high-impact or high-visibility.
- > MLB and ASIC architecture extends battery life from 10 hours up to 20 hours.



## OPTIMISED ERGONOMICS

- > Balanced construction is perfectly weighted for comfort, practicality and natural task support.
- > Customer PsionVU software and transfective touch screens enable a finger-friendly interface to minimise stylus use.
- > Additional 3 keyboards: Alpha Numeric Mobile; QWERTY Numeric and 34 Key Numeric SCL.



## FIELD-UPGRADEABLE ADAPTABILITY

- > Always fit for purpose: you can configure it the way you want – and later bolt on what you need.
- > Future-proof flexibility allows hardware to be reconfigured – and not replaced – saving your business up to 30% on lifetime TCO.

# OMNII™ XT15

## ENDLESSLY EXPANDABLE



With over 20 expansion modules currently on offer, the Omnii XT15 flexibly supports over 280 configurations to help boost task efficiencies.

### Switchable keyboard

- > Built for tough environments: tested to one million key actuations, and featuring large buttons for ease-of-use with gloved hands; single push operation with a positive feel ergonomic design
- > Choice of 6 styles: alpha-numeric (55 or 59 key), numeric (34 or 36 key), numeric-alpha modified, and QWERTY numeric
- > Switch it out on-site: carry out maintenance and repairs in the field, minimising downtime and disruption

### Pistol grip

- > Robust and removable in the field – simple screws is all it takes

### Push-to-talk speaker/microphone

- > Enables walkie-talkie functionality

### Integrated 1D, 2D and AutoRange scanners

- > 5 solutions fit almost all applications
- > Ranges from 6" to 50ft
- > Scan both 1D and 2D bar codes
- > Highly sensitive good/bad scan indicators
- > Imager Control Services (ICS)
- > Improved fuzzy logic means you can read poor barcode stampings

### Integrated colour camera

- > 3 megapixel camera with dual LED flash, auto-focus and zoom control
- > Capture damage to goods in transit – even in low light conditions

### GPS expansion module

- > GPS features new, high-performance antennae, giving faster time to first fix and better accuracy in low-signal areas
- > Capture the GPS coordinate of a shipping container in the yard

### Desktop docking station

- > Includes dual USB ports, serial and Ethernet; plus positive lockdown engagement that charges the device and a spare battery
- > Includes quad docking station

### Vehicle-mount cradles

- > Plug in tethered scanners, barcode printers or a range of splitter cables – powered or non-powered options are available

# WAREHOUSING



Keeping the supply chain moving as quickly and efficiently as possible is key to running a successful warehouse. The Omnii™ XT15 tracks inventory in real-time as it enters and leaves the warehouse, so products are where they need to be – right when they're needed.

## KEY BENEFITS

- > **Camera/pistol grip combination**  
Unique to the market, the Psion Omnii XT15's combination of pistol grip and camera allows you to take photos easily – without interrupting key tasks.
- > **Multi-vendor scanning options and feedback**  
Choose the data capture technology that's right for you with the Omnii XT15. On-screen and LED scanning indicators, the loudest legal beeper, and vibration feedback all ensure immediate user feedback and increased scanning productivity.
- > **Modularity**  
Create a customized hardware application using the Omnii XT15 Hardware Development Kit, or meet a variety of other data capture, keyboard and display needs by simply replacing a module.
- > **Best battery performance**  
Use fewer units per shift and replace batteries less often with the Omnii XT15's ability to exceed 20 hours of battery life.
- > **802.11a/b/g/n WiFi**  
Achieve maximum throughput, excellent coverage and minimal interference from other devices with powerful 802.11a/b/g/n WiFi.



# MANUFACTURING

Whether on the line or at the dock, better data means fewer errors and lower costs. Create a seamless work environment with the Omnii™ XT15 by connecting employees with accurate, up-to-the minute information, so they can deliver better products faster; reduce waste; control costs, and improve customer service.

## KEY BENEFITS

- > **Unparalleled keyboard options**  
Select the right keyboard for the job from our extended range, or work with us to create your own customised keyboard. Use function keys to take quick short-cuts and improve productivity.
- > **Extremely rugged display – more rugged than the competition**  
Reduce the need for repairs and the cost of spare parts with a device that won't break – even when dropped from a height.
- > **IP67 & IP65 certified**  
The only model of its type to be IP67- and IP65-rated, the Omnii XT15 withstands immersion in up to 1m of water, jet sprays and dust intrusion.
- > **802.11a/b/g/n WiFi**  
Achieve maximum throughput, excellent coverage and minimal interference from other devices with powerful 802.11a/b/g/n WiFi.

# DISTRIBUTION AND LOGISTICS



Access to real-time communications is vital for those in the business of moving goods, whether by land, sea or air. The Omnii™ XT15 delivers the features logistics and distribution employees need for complete visibility of orders, wherever they are, wherever they need to go.

## KEY BENEFITS

- > **Best battery performance**  
Offering up to 20 hours of battery life, Omnii XT15 allows you to use fewer units per shift and replace batteries less often.
- > **QWERTY numeric keyboard**  
Omnii XT15's QWERTY numeric keyboard is unique to this form factor, and allows users to thumb text messages on a familiar personal PDA style layout.
- > **IP67 & IP65 certified**  
The ability to withstand jet sprays, dust intrusion and immersion in 1m of water, is why the Omnii XT15 is the only model of its type with an IP67 and IP65 rating.
- > **HSPA+ WWAN**  
Eliminate delays when transmitting data between device and application software with the faster uplink of the Omnii XT15.

# PORTS



The Omnii™ XT15's in-the-field flexibility helps port and container yard workers improve operational efficiencies by enabling more accurate data processing in real-time. By tracking specific cargo throughput, it increases productivity and helps avoid costly delays.

## KEY BENEFITS

- > **Integrated 3MP camera with built-in flash**  
Capture signatures and images of damaged goods easily, and in any light with this built-in color camera.
- > **1D scanner**  
1D imager provides essential scanning capabilities at pick-up and delivery, plus tracking for warehousing and cross-dock applications.
- > **Alpha-numeric keyboard for ease-of-use**  
Choice of 6 keyboard styles are all built for tough environments and feature large buttons for ease-of-use with gloved hands; single push operation with a positive feel.
- > **802.11a/b/g/n WiFi**  
Achieve maximum throughput, excellent coverage and minimal interference from other devices with powerful 802.11a/b/g/n WiFi.

# RAIL YARDS



The Omnii™ XT15's user-friendly design and flexible configuration improves productivity and simplifies rail yard operations. By enabling automated tracking of container loads and carriage numbers, its integrated scanning and wireless technologies reduce management time and increase data accuracy.

## KEY BENEFITS

- > **Walkie-talkie style push-to-talk speech system**  
Radio technologies ensure continuous contact to monitor orders, equipment and workers across a moving fleet.
- > **High durability, rugged design**  
IP67 rating allows full functionality in harsh conditions, resisting rain, dust and debris. The Omnii XT15 is the only model of its type with dual IP67 and IP65 ratings.
- > **Future-Proof Technology**  
With Omnii XT15, there's no need for compromise: you can buy what you need today with built-in flexibility for tomorrow's demands. The risk of obsolescence is significantly reduced.

# COLD CHAIN



The cold chain poses unique challenges. Goods need to be shipped under the strictest of conditions or their worth is immediately lost. The XT15f is designed to thrive in this unforgiving environment, remaining frost free and completely functional in the coldest of working conditions.

## KEY BENEFITS

- > **Built to withstand very low temperatures**  
The XT15f is frost and condensation-resistant, with integrated heating. So the keyboard won't stick with ice and the display remains clear and fog-free.
- > **Available in Chiller and Arctic models**  
The XT15f Chiller is built for -20° C / -4° F environments, while the XT15f Arctic takes -30° C / -22° F temperatures in its stride.
- > **Ideal for various industries and applications**  
The flexible feature set and temperature-resistance of the Omnii™ XT15f makes it ideal for food processing and manufacture, the pharmaceutical industry, third party logistics, airport baggage handling and port container management.

# > PSION: MAKING MOBILE WORKERS MORE PRODUCTIVE

Psion leads the field in delivering the industry's most advanced rugged mobile computing solutions.

For over 40 years, we've been pioneering the solutions you need to solve real-world business problems.

From handheld devices and scanning technologies to wireless networks and after sales support, our solutions are trusted to perform for some of the world's leading organisations, including Volkswagen, SNCF, RWE nPower, E.ON, BMW, Goodyear, Copenhagen Airport and major international transport hubs.

Now, with our revolutionary commitment to open innovation, we're inviting our partners and customers to join us in co-creating future products, applications and accessories.

Together we can use our ingenuity to drive down the total cost of mobility; improve task efficiencies, and make the best use of data – in real-time.

“Customers are looking for mobile business solutions that will continue to drive productivity and extend product life beyond 3 years. Psion's Omnii™ XT15 provides customers with the flexibility to adapt their handheld devices in the future, by replacing modules with the latest technology available, thus extending the life of the product.”

David Krebs, Vice-President, Mobile & Wireless VDC Research



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