

THE RIGHT DEVICE FOR COLD CHAIN OPERATIONS



OMNII™ XT15f ADAPTABILITY GIVES YOU MORE

Cold chain work demands a special breed of handheld device, tough enough to withstand subzero temperatures, ice buildup and freezing condensation.

The XT15f thrives in this unforgiving environment, with ice-resistant keyboards, heated displays and scan window defoggers.

It comes in two models. The XT15f Chiller built for -20° C / -4° F environments, while the XT15f Arctic is designed for -30° C / -22° F environments.

So even in amazingly cold conditions, your workers can access the real-time information they need to streamline inventory management.

OMNII™ XT15f



Adaptive by design

Tested and developed with our customers and partners, Omnia™ XT15f is uniquely adaptive by design. So you can quickly configure it to meet any business need.

Omnii™ XT15f is a product of Psion's open source business model, a single, versatile computing platform that gives you the flexibility and freedom to adapt your device with exactly what you need – when you need it. Adding new technologies as required with minimal cost and no risk of obsolescence.

Key Features & Benefits

The right mobile device for different cold chain environments with **Chiller and Arctic models**. 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.

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.

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 uptime

Field serviceability and our support program options help you keep the Omnia 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.



ADAPTABILITY GIVES YOU MORE

More Durability



Omnii™ XT15f's 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 Keyboard Options



Omnii™ gives you 2 keyboard styles and both feature an easy-to-use ergonomic design and ultra-white backlight to make even one handed operation in the dark possible.

More Scanning Options



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

More WiFi Connectivity



An expanded wireless offering introduces 3.8G HSPA+ and 2.5G EDGE (WWAN - Broadband), and 802.11a/b/g/n (WLAN - WiFi).

More Sensors



The Omnia XT15f features an accelerometer and GPS that enables screen rotation, compass calibration detection and motion sense+.

Typical Applications

Warehousing & Distribution

With built in heaters and scan window defoggers you don't have to worry about cold conditions slowing down movement at your warehouse. The Omnii™ XT15f also 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.

Manufacturing

Whether on the refrigerated line or at an ice-cold dock, better data means fewer errors and lower costs. Create a seamless work environment with the Omnii™ XT15f 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.

Transportation and Logistics

Access to real-time communications is vital for those in the business of moving refrigerated goods. The Omnii™ XT15f delivers the features, transportation and logistics employees need for complete visibility of orders, wherever they are, wherever they need to go.

The extensive feature set, unique modular design and temperature-resistance of the Omnii™ XT15f makes it perfect for many industries, including food processing, manufacturing, pharmaceuticals, third party logistics, airport baggage handling and port container management.



Key Accessories



Switchable Keyboard

Omnii™ XT15f offers the choice of two keyboard styles including full alpha-numeric (58 key) and numeric (34 key) with 12 single push function keys. All keyboards are built for cold environments designed to resist freezing due to ice buildup, feature large buttons for ease-of-use with gloved hands, and allow for single push operation with a positive feel.

Integrated 1D & Extended Range Scanners and 2D Long Range Imagers

Three unique solutions are available to fit any cold chain application. Scan both 1D and 2D bar codes. Through improved fuzzy logic, highly sensitive good/bad scan indicators and Imager Control Services (ICS), Omnii™ XT15f integrated scanners feature improved performance in reading poorly printed and damaged barcode labels common in harsh conditions.



Desktop Docking Station

The Desktop Docking Station simultaneously charges the device and a spare battery and includes dual USB ports, optional serial and Ethernet ports and a positive lockdown docking.

6-Slot Spare Battery Charger

The 6-Slot Spare Battery Charger allows for six spare batteries to be charged simultaneously. It can be mounted to the wall or sit alone on a desktop. Each slot features individual battery charge level indicators.



OMNII™ XT15f

	Chiller	Arctic
PHYSICAL CHARACTERISTICS		
Dimensions	8.89 in. L x 3.86 in. W x 3.2 in. D at display (grip area 1.22 in. D) ; 226 mm L x 98 mm W x 82 mm D at display (grip area 31 mm D)	
Weight	1.8 lbs./834 g (unit with SE965HP laser – weight includes battery and pistol grip)	
Keyboard Options	Two high-reliability keypads with specially designed keyboards that resist freezing due to ice build-up in condensing environments: 58-key full alphanumeric with 6 single-push "F" keys; 34-key numeric with 12 single-push "F" keys	
Power	Standard battery: 5000 mAh high capacity smart battery; Optional battery: 5300 mAh high capacity smart freezer battery designed for high performance in low temperatures	Standard battery: 5300 mAh high capacity smart freezer battery
Display	3.7 in. VGA (640 x 480) transfective color/touch display in two variants: Extreme Duty for rugged environments as low as -4° F/- 20° C: improved impact resistance (1.25 Joule impact); better abrasion resistance; 160 cd/m2 brightness	Extreme Duty for rugged environments as low as to -22° F/-30° C: improved impact resistance (1.25 Joule impact); better abrasion resistance; 160 cd/m2 brightness; optical bonding prevents internal display fogging in condensing environments; display heater maintains screen refresh rate
Heater	Single core heater control logic board that dynamically heats scan window	Multi-core heater control logic board that dynamically heats scan window and LCD display
Audio	Integrated microphone and speaker; high volume 95dBA beeper; vibration feedback	
PERFORMANCE CHARACTERISTICS		
CPU	TI OMAP 3, 800 MHz	
Operating System	Windows® CE 6.0; Windows® Embedded Handheld 6.5	
Memory	512MB RAM and 1GB Flash	
Bar Code Scanner	SE965 1D standard range laser; SE1524-ER 1D extended range laser; SE4600 2D long range imager (available August 2013)	
Application Software	Windows CE 6.0: Internet Explorer Embedded; Microsoft Wordpad Windows Embedded Handheld 6.5: Windows® Office Mobile 2010, includes Word, Excel, PowerPoint, OneNote and SharePoint; Internet Explorer Mobile; Windows Office Outlook Mobile; Windows Media Player Mobile	
Terminal Emulation	Open TekTerm; Stay-Linked; Naurtech Browser/TE; Wavelink TE	
Mobile VPN	NetMotion Mobility XE VPN	
Device Mgmt	Psion Mobile Control Center (MCC)	
Software Utilities	PsionVU; Total Recall; Tweakit; Dr. Debug	
USER ENVIRONMENT		
Operating Temp.	-4° to 122° F/-20° to 50° C	-22° to 122° F/-30° to 50° C
Storage Temp.	-40° to 140° F/-40° to 60° C	-40° to 140° F/-40° to 60° C
Humidity	5% to 95% non-condensing (condensation-resistant)	Condensing (condensation-free using internal heaters)
Sealing	IP65, IP67, IEC 60759	
Drop Specification	Multiple 6.5 ft./2 m drops to polished concrete	
Integrated Sensors	Motion (accelerometer); digital compass	
ESD	±15kV air discharge, ±8kV contact	
WIRELESS DATA COMMUNICATIONS		
WLAN	IEEE 802.11a/b/g/n (CCX V4 compliant) with 802.1X, WPA/WPA2-Enterprise; FAST-MSCHAPv2; PEAPv0-MSCHAPv2; PEAPv1-GTC; TLS; 64/128 WEP; AES-CCMP; TKIP	
WPAN	Bluetooth® V2.0 + EDR	
REGULATORY		
Worldwide Safety, EMC, RF, Laser approvals; CE Mark; E Mark (vehicle cradles); RoHS compliant; WEEE compliant; REACH compliant		
ACCESSORIES		
For a complete list of accessories, visit www.pSION.com or www.motorolasolutions.com/OmniiXT15f		
RECOMMENDED SERVICES		
Primary Service; Modular Services Complete; Modular Services Lite		

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