



READY FOR YOUR COLDEST ENVIRONMENTS

OMNII XT15F

Give your workers the real-time information they need to streamline inventory management in your coldest environments with the Omnii XT15f. The Omnii™ XT15f builds on the Omnii adaptable platform, adding features that enable your workers to achieve flawless fulfillment in the coldest corners of your supply chain — from the loading dock to a freezer in an ice cream manufacturing plant to an outdoor yard in the arctic cold of a wintery day.



FEATURES AND 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 and display deliver 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 virtually 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 extended 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 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.

ACHIEVE FLAWLESS FULFILLMENT IN YOUR COLD CHAIN TODAY WITH THE OMNII XT15f.

For more information, please visit www.motorolasolutions.com/omniixt15f

TECHNICAL SPECIFICATIONS

	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 designed for high performance in low temperatures
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 1D/2D long range imager (available Q4 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	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 with 802.1X, WPA/WPA2-Enterprise & Shared Key; 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		
WARRANTIES		
Subject to the terms of Motorola’s hardware warranty statement, the Omnii XT15f is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, go to: http://www.motorolasolutions.com/warranty		
RECOMMENDED SERVICES		
Psion Primary Services; Psion Modular Services		

WHERE IS THE OMNII XT15f AT HOME?

Refrigerated warehouses/freezers in:

- Food processors/manufacturers
- Pharmaceutical manufacturers
- 3rd party logistics providers

Outdoor inventory management applications in cold climates

- Airports (baggage handlers)
- Railway yards and seaports (container management)

