

Product Communication



Type: EMEA Product Announcement
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Subject: CN3 Series WM 6.1 Operating System and IEEE 802.11d standards

Microsoft's Windows Mobile (WM) 6.1 operating system option for the CN3 and CN3e is now available to order. Shipments of CN3 and CN3e configurations with this new operating system are planned for release by the end of September 2008 making the CN3 Series the first rugged mobile computer to market with Microsoft's latest mobile computer platform (WM 6.1) that adds some exciting functionality; including:

- Improves performance
 - Increased virtual memory
 - Up to 25% improvement in application startup time
 - 150% to 700% improvement in specific application functions using the .NET Compact Framework
 - Improved battery life – runs longer per charge
- Enables Systems Center Mobile Device Manager (SCMDM) Device Management System from Microsoft
 - Device provisioning and inventory management
 - Policy and compromised device security enforcement
 - Improves deployment control and management
 - More information at:
<http://www.microsoft.com/windowsmobile/mobiledevicemanager/default.aspx>
- Improves on foundation of Windows Mobile 5
 - Improved Bluetooth setup & easier Wi-Fi connection
 - Improved browser and Office tools
- Strong Windows Mobile 5.0 Compatibility
 - Windows Mobile 5.0 applications should “just run” conditioned by use of supported APIs
 - More flexibility for the increased virtual memory
 - Both SQL Server 2005 Compact Edition and .NET Compact Framework 2.0 SP1 in ROM



Additionally, all CN3 with WM 6.1 will come with 802.11d

IEEE 802.11d is an amendment to the 802.11 Wireless LAN standards which allows for a single 802.11 radio part number to support multiple regulatory domains by means of containing country information elements in beacons and probes. Upon activation, the radio begins passively scanning all the available channels, searching for wireless networks using a special 802.11d mode. When the radio receives a country information element from an appropriately configured access point, the radio will adopt the advertised regulatory domain (or transmit channels). For additional details on how to configure and implement 802.11d standards, please see the 802.11d reference documents located in either Knowledge Central (<http://intermec.custhelp.com>) or in the CN3 and CN3e Launch Kits located on the Intermec GS&S website.

With the implementation of the 802.11d standards, we are able to further streamline our manufacturing processes by eliminating separate configuration part numbers to distinguish the radios by country of use.

New P/N Configurations available:

A complete list of available configurations with WM 6.1 & 802.11d is now available for ordering as the following chart shows, deliveries (PQA) are expected early November, please see “Upgrades for Existing CN3/CN3e units” paragraph in this document if you need early units :

CN3A / B

Available Configurations for WINDOWS MOBILE 6.1: See detailed listing of Preferred and Available configurations in the Master List.

Windows Mobile 6.1

CN3ANC801G2*500	Numeric keypad, Colour Cam2MP, 802.11b/g, GPS, GPRS - PLEASE ORDER BATTERY WITH EACH UNIT
CN3ANH800G2*500	Numeric keypad, Area Imager, 802.11b/g, No GPS, GPRS- PLEASE ORDER BATTERY WITH EACH UNIT
CN3ANH801G2*500	Numeric keypad, Area Imager, 802.11b/g, GPS, GPRS- PLEASE ORDER BATTERY WITH EACH UNIT
CN3AQC800G2*500	QWERTY keypad, Colour Cam2MP, 802.11b/g, No GPS, GPRS - PLEASE ORDER BATTERY WITH EACH UNIT
CN3AQC801G2*500	QWERTY keypad, Colour Cam2MP, 802.11b/g, GPS, GPRS - PLEASE ORDER BATTERY WITH EACH UNIT
CN3AQH800G2*500	QWERTY keypad, Area Imager, 802.11b/g, No GPS, GPRS- PLEASE ORDER BATTERY WITH EACH UNIT
CN3AQH801G2*500	QWERTY keypad, Area Imager, 802.11b/g, GPS, GPRS - PLEASE ORDER BATTERY WITH EACH UNIT
CN3BNC80000*400	Numeric keypad, Colour Cam2MP, 802.11b/g, No GPS, No GPRS- PLEASE ORDER BATTERY WITH EACH UNIT
CN3BNH80000*400	Numeric keypad, Area Imager, 802.11b/g, No GPS, No GPRS - PLEASE ORDER BATTERY WITH EACH UNIT
CN3BQC80000*400	Qwerty keypad, Colour Cam2MP, 802.11b/g, No GPS, No GPRS - PLEASE ORDER BATTERY WITH EACH UNIT
CN3BQH80000*400	Numeric keypad, Area Imager, 802.11b/g, No GPS, No GPRS - PLEASE ORDER BATTERY WITH EACH UNIT

CN3E / CN3F

Available Configurations for WINDOWS MOBILE 6.1: See detailed listing of Preferred and Available configurations in the Master List.

CN3E 5C800G2*500	Phone Keypad (1-2-3 on top), Colour Cam2MP, 802.11b/g, NoGPS, GPRS, WM 6.1
CN3E 5C801G2*500	Phone Keypad (1-2-3 on top), Colour Cam2MP, 802.11b/g, GPS, GPRS, WM 6.1
CN3E 5H800G2*500	Phone Keypad (1-2-3 on top), Area Imager, 802.11b/g, NoGPS, GPRS, WM 6.1
CN3E 5H801G2*500	Phone Keypad (1-2-3 on top), Area Imager, 802.11b/g, GPS, GPRS, WM 6.1
CN3E 6C800G2*500	10-Key Keypad (7-8-9 on top), Colour Cam2MP, 802.11b/g, NoGPS, GPRS, WM 6.1
CN3E 6C801G2*500	10-Key Keypad (7-8-9 on top), Colour Cam2MP, 802.11b/g, GPS, GPRS, WM 6.1
CN3E 6H800G2*500	10-Key Keypad (7-8-9 on top), Area Imager, 802.11b/g, NoGPS, GPRS, WM 6.1
CN3E 6H801G2*500	10-Key Keypad (7-8-9 on top), Area Imager, 802.11b/g, GPS, GPRS, WM 6.1
CN3E 8C801G2*500	Alpha Keypad, Colour Cam2MP, 802.11b/g, GPS, GPRS, WM 6.1
CN3E 8H801G2*500	Alpha Keypad, Area Imager, 802.11b/g, GPS, GPRS, WM 6.1
CN3F 5C80000*400	Phone Keypad (1-2-3 on top), Colour Cam2MP, 802.11b/g, NoGPS, WM 6.1
CN3F 5H80000*400	Phone Keypad (1-2-3 on top), Area Imager, 802.11b/g, NoGPS, WM 6.1
CN3F 6C80000*400	10-Key Keypad (7-8-9 on top), Colour Cam2MP, 802.11b/g, NoGPS, WM 6.1
CN3F 6H80000*400	10-Key Keypad (7-8-9 on top), Area Imager, 802.11b/g, NoGPS, WM 6.1
CN3F 8C80000*400	Alpha Keypad, Colour Cam2MP, 802.11b/g, NoGPS, WM 6.1
CN3F 8H80000*400	Alpha Keypad, Area Imager, 802.11b/g, NoGPS, WM 6.1

*** Localised Languages Options**

E	WM6.1 WWVE
F	WM6.1 French
G	WM6.1 German
L	WM6.1 Italian
S	WM6.1 Spanish

There is no difference in pricing vs the WM5.0 configuration. It is important to note the ability to order either the WM 5.0 or WM 6.1 operating system will continue. Notice for discontinuance of the WM 5.0 option will be provided a minimum of 6 months in advance of the end of manufacturing and as of today there is no a fixed date.

Upgrades for Existing CN3/CN3e units

For those customers desiring to upgrade the operating system on their existing handheld computers, upgrade kits will be available for ordering from late September with the following part numbers:

- 238-055-001 Upgrade Kit, Windows Mobile 6 Classic 50 € List, Discount X
- 238-056-001 Upgrade Kit, Windows Mobile 6 Professional 50 € List, Discount X

One upgrade kit per device is required. As currently done per software upgrades by electronic distribution (see Product bulletin EMEA-PM08-019 dated June 26th for details), upon placing the order the customer will receive kits containing the official Microsoft licenses and certificates, as well as instructions on how to electronically download the system software.

O/S Languages

General release of Spanish, German, Italian, French system software languages are scheduled for completion by early October 2008. Upon completion of certification, the system files will be posted to the "Downloads" section on www.intermec.com.

No upgrade fees are required when converting devices from English to any of the non-English languages listed above. Only when upgrading from WM 5.0 to WM 6.1 is an upgrade fee required.

If you have any questions regarding this announcement please contact:

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