

RECON

A tough performer



handheld

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The Recon X-Series delivers maximum performance and reliability in a lightweight and extremely rugged design. The Recon weighs just 490 grams and exceeds rigorous military standard for drops, dust, vibration, humidity and altitude. With its IP67 rating it is dustproof, waterproof and operates in extreme temperatures from -30 °C to 60 °C.

With optional integrated Bluetooth the Recon can easily connect to peripheral devices. The 802.11g wireless gives you access to local area network, email and the Internet. The Recon features built-in microphone and speaker and has a transfective colour touchscreen that works perfectly even in direct sunlight or in low light conditions. Two protected CompactFlash slots supports accessories such as GPS, RFID, barcode scanners and other devices, all with the IP67 rating intact.

The Recon features a high-performance 400 MHz Intel XScale processor and 64 MB of RAM. To protect data from resets or power loss, the Recon offers 256 MB high-performance persistent NAND Flash storage. Microsoft's versatile Windows Mobile 6 operating system runs all the applications you use most, including calendar, email and Mobile versions of Word, Excel and PowerPoint.

The PowerBoot module integrates a 4000 mAh battery pack with industry standard 9-pin serial and USB ports into a single component, easily replaceable in field. The Recon's innovative modular design saves time and money and provides customization options to suit your specific applications.

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Size	165 mm (6.50") x 95 mm (3.75") x 45 mm (1.75")
Weight	490 g (17 ounces) including power boot module
Environment	
<i>Operating:</i>	-30 °C to 60 °C (-22 °F to 140 °F)
<i>Storage:</i>	-40 °C to 70 °C (-40 °F to 158 °F)
<i>Drop:</i>	MIL-STD-810F, Method 516.5, Procedure IV 26 drops from 1.22 m (4 ft) 6 additional drops at -30 °C (-22 °F) 6 additional drops at 60 °C (140 °F)
<i>Vibration:</i>	MIL-STD-810F, Method 514.5, Procedures I, Figures 17 and 18
<i>Sand & Dust:</i>	IP67, MIL-STD-810F, Method 510.4, Procedure I
<i>Water:</i>	IP67 Sealed against accidental immersion (1 m/3 ft for 30 min), MIL-STD-810F, Method 512.4, Procedure I
<i>Humidity:</i>	MIL-STD-810F, Method 507.4
<i>Altitude:</i>	4572 m (15,000 ft) at 23 °C (73 °F), MIL-STD-810F, Method 500.4, Procedures I, II and III
Processor/memory	Intel PXA 255 Xscale CPU, 400 MHz, 64 MB high-speed SDRAM, ~22 MB reserved for OS
Data Storage	Onboard non-volatile NAND Flash, 256 MB ~31 MB reserved for OS
Operating System	Microsoft Windows Mobile 6 (Premium edition)
Screen	240 x 320 pixel (1/4 VGA) colour TFT with LED front light
Keyboard	10 keys, on-screen QWERTY soft keypad
Battery	4000 mAh NiMH rechargeable pack, allowing for 12-30h operating time depending on usage
Connections	1 x Standard 9-pin (male) D-shell RS-232 serial, 1 x USB 1.1 port client, 1 x 5V charging, 2 x CF-Card slots; one type I and one type II slot
Communication	WLAN: Integrated 802.11g* PAN: Integrated Bluetooth* Integrated speaker & microphone *Optional
Options	<ul style="list-style-type: none">• 12V Vehicle charger • Vehicle Cradle• Bluetooth CF-Card • WLAN CF-Card• GPS CF-Card• RFID Kit 13.56 MHz • RFID Kit 125 kHz• Barcode Imager kit• CF-Caps • Pole brackets • Desktop Cradle• Powerboot module for AA batteries• Carrying Cases • Belt Carrier

Handheld Europe AB is a European supplier of rugged mobile computers on the EMEA market. Handheld Europe and its partners deliver complete mobility solutions to businesses in industries such as forestry, logistics, public transportation, construction, service & maintenance, military and security. Handheld Europe is a subsidiary of Handheld Group AB, a company specializing in rugged field computing solutions.

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