

# Handheld Explorer

*The Nautiz X5 rugged PDA is built on the Windows Mobile 6.1 platform with a powerful XScale 806 MHz processor—making it one of the fastest rugged PDAs on the market.*

By Glenn ImObersteg, Convergence Promotions, LLC

The full-featured PDA comes with an impressive 806 Mhz processor and an array of advanced features such as integrated 3 mega-pixel camera with autofocus capabilities, integrated barcode scanner, WLAN, Bluetooth, 3G cellular capabilities, and GPS with InstantFix II. The Nautiz X5 weighs only 14.5 ounces, is IP65 rated and can also handle extreme temperatures and multiple drops from 6 feet.

“The features of the Nautiz X5 are not unusual – what is unusual is to have such advanced features in a rugged and value-priced package. The fast processor and the camera in particular really offer our customers a combination they can’t find anywhere else.” said Dale Kyle, president of Handheld US.

The Nautiz X5 comes standard with 256 MB RAM and 512 MB built-in Flash storage. The long-life 4400 mAh Li-ion battery provides more than all day performance, is rechargeable and hot-swappable. The Nautiz X5 also has a microSD slot for memory expansion. The transfective full VGA color display and touch screen provide sharp and clear resolution even while working outdoors.

The Nautiz X5 rugged PDA is built on the Windows Mobile 6.1 platform with a powerful X-scale 806 MHz processor making it one of the fastest rugged PDAs on the market. With cellular capabilities of either GSM (HSDPA/EDGE) or CDMA (EVDO) users can choose the network that works best for them. The unit also has fully integrated Bluetooth and 802.11b/g WLAN.

The integrated three mega-pixel camera comes with autofocus capabilities – a combination not usually seen in this type of device. And the integrated SiRF star III GPS chip with InstantFix II provides near instantaneous position computation for navigation or gathering location-based information. The integrated high quality laser scanner reads all common barcodes and a 2-D imager is available as an option.

The Nautiz X5 is available now. See <http://www.handheld-us.com>

## SPECIFICATIONS

**Size:** 6.3" (160mm) x 3.15" (80 mm) x 1.4" (35.5mm)

**Weight:** 14.46 ounces (410 g) including rechargeable battery

**Environment Operating:** -4 to 131 °F (-20 to 55 °C)

**Storage:** -13 to 158 °F (-25 to 70 °C)

**Drop:** 6 ft (1.8 m)

**Sand & Dust:** IP6X

**Water:** IPX5

**Humidity:** 5% to 90% relative humidity

**Processor/memory Processor:** Marvell PXA320 XScale 806 MHz

**Memory:** 256 MB RAM

**Data Storage:** 512 MB Flash

**Operating System:** Windows Mobile 6.1

**Screen:** 3.5" VGA TFT LCD, 480 x 640 pixel

**Keyboard:** Numeric keypad, optional QWERTY

**Battery:** 4400 mAh, all day operation with default settings, rechargeable LI-ion

**Connections:** USB host/client

Serial (ttl)

Audio jack

IrDA

Ethernet (via desktop cradle)

MicroSD slot

**Communication:**

PAN: Bluetooth 2.0 + EDR

WLAN: integrated 802.11b/g, WITH WEP, WPA, WPA2, CCX Cisco Compatible extensions

WWAN: 3G GSM (EDGE/HSDPA) cellular

Integrated speaker & microphone

Integrated GPS SiRF III with Instant Fix II

**Camera:** Integrated 3 megapixel camera with autofocus and LED Flash

**Barcode Scanner:** Integrated laser 1D barcode scanner

Optional 2D Imager



*Photo of Gorman Falls,  
Lampassas, Texas, by Bob Smith*