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HLG TDS Recon – X-Series
The toughest there is!

Main Features:

- Rugged and waterproof
- Windows Mobile 6.0 operating system
- Long-life NiMH battery
- 1/4 VGA display and touch screen
- Optional integrated Bluetooth interface and WLAN 802.11b/g
- 200 or 400 MHz Intel PXA255 processor
- 64 MB DDR SDRAM
- 128 MB DDR SDRAM
- Up to 256 MB Flash memory
- Two CompactFlash slots
- Small and lightweight

Product description:

The TDS Recon X-Series adds new capabilities to help you do even more in the field. Available integrated Bluetooth and 802.11g wireless keep you connected. Versatile MS Windows Mobile 6.0 software runs thousands of applications. Also the Recon X-Series offers even more flash memory.

The Recon works wherever and whenever you need it! You can count on Recon when portability, data security and maximum operating time are crucial. The innovative modular design saves time and money on long-term service and provides customization options to suit your different applications. The Power-Boot Module integrates a 3800 mAh battery pack with industry-standard 9-pin serial and USB ports into a single component you can easily replace even in the field. The standard CF-Cap O-ring seal protects its two CompactFlash slots from rain, wind and dust.

The compact Recon weighs just 490g, yet its rugged design delivers reliable performance in the field. The Recon meets rigorous MIL-STD 810F standard for drops, vibration, humidity, altitude, and extreme temperatures. And with an IP67 rating it's impervious to water and dust.

With the Recon it's easy to make connections in the field. Bluetooth wireless lets you connect to mobile peripherals without cables, while 802.11g wireless gives you access to local area networks, e-mail and the Internet. What's more, two CompactFlash (CF) slots let you add GPS, GPRS, digital cameras, barcode scanners and other devices.

You never want to compromise in your work. With the Recon you don't have to.

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Applications:

TDS Recon: A rugged PDA with a freely programmable operating system.

Comprehensive range of accessories offers wide applications. It doesn't matter whether it's about Barcode, RFID, GPS or GSM/GPRS, or if only an outdoor-suitable PDA is needed, with TDS Recon, professional solutions are realizable.

Technical specification:

Standard Features:

- Microsoft Windows Mobile 6.0, 200 or 400 MHz Intel PXA255 X-Scale processor, 64 MB SDRAM, 128 or 256 MB flash storage, sunlight readable color TFT display, touchscreen, rugged and waterproofed design, integrated speaker and microphone, optional integrated Bluetooth interface and WLAN IEEE 802.11g standard

Standard Software:

- Word Mobile, Excel Mobile, PowerPoint Mobile, Outlook Mobile, Internet Explorer Mobile, OneNote Mobile, Messaging, Remote Desktop Mobile, Contacts, Tasks, Notes, Calendar, Calculator, Windows Media Player, Microsoft Pictures und Videos, Online Help, Microsoft Active Sync
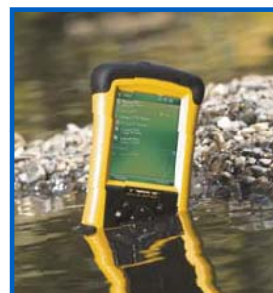
Physical:

- Length: 165 mm, Width: 95 mm, Height: 45 mm, 490 g including battery

Operating Features:

- **Operating temperature:** −30°C till +60°C
- **Storage temperature:** −40°C till +70°C
- **Humidity:** MIL-STD 810F, method 507.4
- **Water:** IP67 (1m for 30 min.), MIL-STD 810F, method 512.4 procedure I
- **Drop:** MIL-STD 810F, method 516.5 Procedure IV, 26 drops from 1,20m onto plywood to concrete, 6 additional drops at −30°C and additional 6 drops at +60°C
- **Dust:** MIL-STD 810F, method 510.4 procedure I
- **Vibration:** MIL-STD 810F, method 514.5 procedure I & II
- **Altitude:** MIL-STD 810F, method 500.4 procedure I, II & III

Processor/Memory:

- Intel PXA255 processor with 200 or 400 MHz (optionally)
    - Recon 200 MHz: 64 MB SDRAM, 128 MB Flash
    - Recon 400 MHz: 64 MB SDRAM, 256 MB Flash

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Display:

- 1/4 VGA, 240 x 320 pixel TFT color display with touch screen and LED front light

Battery:

- Rechargeable battery pack NiMH 4.000 mAh for up to 30 hours operation period depending on operating status

Connections:

- 1 x RS232 Standard 9pin male (115 Kbps)
- 1 x Charging connection
- 1 x USB Slave

Wireless:

- Optional with integrated Bluetooth interface and WLAN 802.11g standard

Extensibility:

- Two integrated CF-Card Slots type I and type II, water- and dustproof closed with CF-Cap and easy to open

Accessories:

- Desktop cradle, 12-V-vehicle charger, Carrying bags, midsize CF-Cap, optical CF-Cap, extended CF-Cap, Tripod bracket, CF-Cards for GPS or RFID 125 kHz or 13,56 MHz, memory, GSM/GPRS cards, Socket barcode scanner …