

# Duratek 3100



An environmentally sealed IP54 rated unit considered splashproof, is not quite as waterproof as some of the other ruggedized handhelds on the market, it is a more field professional solution than using a zip lock bag. It has a high-impact sealed casing with rubber overmold making it shock and dust resistant. It is a MS Mobile 2005 HP IPAQ handheld that is stylus driven. The unit has integrated Bluetooth and 802.11 wireless and infra-red serial communications. **Add on modules** are cleverly designed to snap into sealed slots in the back of the unit. Add-on modules include: GPS, Bar code scanning, extended battery, RFID and other functions.

- 520 MHz
- rugged & splash resistant – IP 54
- battery, 1440 mAh rechargeable Lithium-Ion with 2880 mAh hi-capacity option.
- touch screen for finger or stylus
- TFT color screen with backlight

## **Windows CE SOFTWARE!**

The Duratek 3100 comes with Windows Mobile 2005 software for Pocket PCs which includes - Mobile: Word, Excel, Outlook, Power Point, Internet Explorer, Calendar, Contacts, Tasks, Notes, Calculator, Windows Media player, MS Pictures and Videos.

Forest Data Collection Software Available for the Duratek:

- Sylva Engineer: traverse, road engineering, deflection line – slope analysis, right-of-way surveys
- ArcPad by ESRI
- Pocket Phoenix by D.R. systems
- Road Runner – maintenance and activity tracking by D.R. systems
- Sylva Star silviculture surveys by D.R. systems
- SylvaScale for Log Scaling

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## **D.R. systems inc.**

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# SPECIFICATIONS

## Durateq 3100

<b>DESIGN</b>	
Size:	4.88 X 3.00 X 0.75 in
Weight:	7.2 oz (including the 1440 mAh battery and stylus)
Case:	rugged, splash and dust resistant design. High-impact sealed casing with rubber overmold
Screen:	200 x 320 pixel (QVGA), very bright color TFT display with backlit LED. Viewable in direct sunlight. Landscape and portrait mode
Pen and touch screen:	Passive touch screen allows use of stylus or finger
Keyboard:	Navigation keys
Other:	Microphone and speaker
<b>PERFORMANCE</b>	
Operating System:	Windows Mobile 2005 software for Pocket PCs
Processor:	520 MHz Marvel PA270 processor
Memory:	576 MB Total memory (512 MB ROM and 64 MB SRAM). Optional storage of up to 4GB via SD card slot.
Batteries	1440 mAh Lithium-Ion rechargeable battery pack, with 2880 mAh battery option.
<b>DATA SECURITY</b>	
Mandatory conformance:	FCC Class A, European CE Mark, UL, RoHS compliant
Operating Temperature:	-22° to 140°F (-30° to 60°C)
Sealing:	Humidity: 90% on temp cycle - 20 to 60 C Rain: IEC 60529 IPX4 Blowing Dust: IEC 60529 IP-5X
Shock:	3' drop rating (plywood over concrete)
Vibration:	Loose cargo transportation
Altitude:	15,000 feet
<b>COMMUNICATIONS</b>	Wi-Fi (WLAN 802.11b), Bluetooth, Serial IR, optional IR read/write capable, optional built-in FM tuner, USB 2.0- client supported via docking connector
<b>Standard Software</b>	Mobile Word, Excel, Outlook, Powerpoint, Internet Explorer, Calendar, Contacts, Tasks, Notes, Calculator, Windows Media player, MS Pictures & Videos, Desktop version of Outlook 2002, ActiveSync
<b>Expansion</b>	Sealed, integrated SD slot (supports SD/MMC and SDIO)
<b>STANDARD Accessories</b>	AC charger, cradle with USB connectivity, CD-ROM, 2880 mAh extended Lithium-Ion battery, wrist strap, belt clip
<b>OPTIONS</b>	GPS, Magnetic stripe reader, Barcode Scanner, External Speaker, RFID

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Flip cover screen protector



Extended battery module



Neck lanyard - break away style



GPS module



Belt clip case



Bar Code module



Handstrap with elastic band



Tethered stylus



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