

DURATEQ 3100

HEAVY DUTY. WITHOUT THE HEAVY.



At-A-Glance

- Half the weight of conventional rugged handhelds
- More durable than standard PDAs
- IP54 rated for dust and moisture resistance
- Extended battery life for day-long performance
- Uses industry-leading HP iPAQ internals
- Touchscreen and special button inputs
- UL and FCC certified, European CE mark
- Sealed, secured SD and CF card slots prevent tampering
- Expansion interface for add-on modules and accessories

Thinnest and Lightest Rugged Handheld

Lose the weight—keep the durability. The Durateq 3100 features a ruggedized, high-impact sealed casing with rubber overmold making it shock-, dust- and splash-resistant without the bulk, weight or awkwardness of other rugged handhelds. This smaller and lighter design is easy to carry, clean and maintain—perfect for retail and commercial applications.

The Durateq 3100 also offers maximized compatibility with commercial and custom applications because it's based on the industry-standard iPAQ Pocket PC handheld technology from Hewlett-Packard and Microsoft's Windows Mobile 5.0.

A number of optional expansion modules and accessories help increase the functionality of your Durateq. And with complete customizability—from company colors, logos, and custom modules—Durateq can be manufactured to fit your unique mobile specifications.

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DURATEQ

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Specifications

OPERATING SYSTEM/SOFTWARE

- Microsoft® Windows® Mobile 5.0 (Premium Edition)
- Pocket versions of Microsoft software are included (Outlook, Word, Excel and Internet Explorer for Pocket PC)

PROCESSOR

- Marvell PXA270 processor 520MHz

EXPANSION

- Sealed, integrated Secure Digital slot (supports SD/MMC and SDIO)
- USB 2.0 Client supported via docking connector
- Expansion module interface (power, serial, and GPIO) supporting GPS, barcode scanning, RFID, and magnetic stripe reader

INTEGRATED WIRELESS

- Wi-Fi (WLAN 802.11b), Bluetooth®, Serial IR
- VPN and WEP enhanced security
- Enhanced security compliant with FIPS 140-2 standard
- Optional built-in FM Tuner
- Optional Enhanced IR read / write capable

MEMORY and STORAGE

- 576 MB total memory (512 MB ROM and 64 MB SDRAM)
- Optional storage up to 4 GB addressable via internal SD Card slot

DISPLAY

- 3.5" (89 mm) transfective high visibility TFT, LED backlit LCD
- QVGA (320 x 200), 64K colors, portrait and landscape modes

AUDIO

- Integrated microphone and speaker
- One sealed 3.5 mm stereo headphone jack

POWER

- Removable/rechargeable 1440 mAh Lithium-Ion battery
- Optional extended 2880 mAh Lithium-Ion battery
- AC Input: 100~240 VAC, 50/60Hz
- Output Voltage: 5 VDC (typical)

DIMENSIONS (H x W x D) and WEIGHT

- 4.88 x 3.00 x 0.75 in
- 7.2 oz (including the 1440 mAh battery and stylus)

OPERATING ENVIRONMENT (Military Standard 810-F conformance)

- Altitude: 15,000 feet
- Operating Temperature: -22 to 140 F (-30 to 60 C)
- Storage Temperature: -40 to 158 F (-40 to 70 C)
- Rain: IEC 60529 IPX4
- Humidity: 90% on temp cycle -20c to 60c
- Blowing Dust: IEC 60529 IP-5X
- Vibration: loose cargo transportation

DEVELOPMENT

- Durateq SDK and custom mobile software services available
- Embedded Visual C++ 4.2, Visual Studio 2003, 2005, & 2008

CERTIFICATIONS

- FCC Class A, European CE Mark, UL, RoHS compliant

WARRANTY

- 1-year parts and labor
- Optional 2-year and 3-year parts and labor

