

WORKABOUT HDL

WORKS AS HARD AS YOU DO



The Ultimate Handheld for Forestry

In a word, remarkable. The Workabout HDL has been skillfully crafted to address the needs of extreme professional outdoor users – from its unique HD display to its portable design and modified body for flawless performance in the most stringent operational environments.

In the field, the Workabout HDL improves display visibility, delivering 480x640 High-Definition resolution quality. This means you enjoy bright, vivid color and more intense graphics for today's mobile GIS and field mapping applications. Quadruple your graphic data capability.

But beyond display capabilities, this sturdy handheld has been suitably designed for portability and strength. Easy to carry, it's 37 percent smaller and 38 percent lighter than other professional-grade models. The base unit has been modified to meet tough military standards including IP67 for waterproofing and MIL STD 810G for extreme operating temperatures.



Specifications

Size and Weight

- Height: 8.78 inches (223 mm)
- Width: 3.94 inches (100 mm)
- Depth: 1.91 inches (48.5 mm)
- Weight: 1.25 pounds (568 grams) with battery



Operating System and Software

- Microsoft Windows Embedded Handheld 6.5 stored in ROM
- Microsoft® Word Mobile
- Microsoft® Excel Mobile
- Microsoft® PowerPoint Mobile
- Microsoft® Internet Explorer Mobile
- Microsoft® Media Player Mobile

Bluetooth® Wireless

- Class II, V2.0 + EDR integrated Bluetooth
- 2dBi peak chip antenna
- .5mW min (-3dBm) to 2.5mW max (+4dBm) transmit power
- 2.400 - 2.4835 GHz frequency range with adaptive frequency hopping
- -80dBm max RX sensitivity
- 300 feet max range

Audio

- 90db mono speaker
- Mono microphone
- 86db beeper

Display

- High-Definition color TFT
- 3.7 inch diagonal, 2.95 inch height, 2.22 inch width
- 480-by-640 pixel resolution at 216 pixels per inch (ppi)
- Sunlight readable for outdoor use
- LED backlight with 165 cd/m2 output
- Touch screen (passive)

Battery and Power

- 3.7V, 4400 mAh rechargeable Lithium-Ion battery
- 8 hours of continuous heavy use between charges
- Removable battery
- Operates from main battery, AC power, or car charger

Expansion

- SD/MMC memory card slot, user accessible
- Type II CF Card Slot, user accessible
- Optional Type II PC Card slot via a 100-pin expansion port, user accessible
- 100-PIN expansion interface
- Barcode reader flex cable interface

Keyboard

- Backlit, hard plastic keys
- Separate alpha, numeric, navigation, and function keys
- Full travel, tactile feel
- All keys are user definable

Ports

- Tether connection with full RS232 and USB 1.1 Device and Host functionality
- Low-Insertion Force (LIF) docking connector
- DC Power Jack
- Optional DB9M RS-232 port via top expansion pod

Environmental

- Withstands multiple drops from 6 feet (1.8 m) to concrete
- Waterproof, submersible to depth of one meter for 30 minutes. IP67, IEC 60529
- -22°F to +140°F (-30°C to +60°C) operating temperature. MIL STD 810G, Method 502.5 and 501.5, Procedure II, Enhanced
- -40°F to +140°F (-40°C to +60°C) storage temperature. MIL STD 810G, Method 502.5 and 501.5, Procedure I

Processor and Storage

- Sitara AM37x ARM Cortex-A8 1GHz processor
- 4 GB Flash ROM
- 512 MB RAM
- 32GB industrial SD storage card

802.11a/b/g/n WiFi

- Compact Flash Type I extended
- Two Hirose U.FL antenna connectors for antenna diversity
- 32mW max (+15 dBm) transmit power while using 802.11g. 80mW max (+19 dBm) transmit power while using 802.11b
- 2.400 - 2.4897 GHz frequency range
- -96dBm @ 1Mbps, -90dBm @ 11Mbps, -94dBm @ 6Mbps, -75dBm @ 54Mbps RX sensitivity
- WPA2, LEAP, PEAP security features
- 7.3 Mbps throughput at 2250 feet
- 2960 feet max range

In The Box

- Rechargeable battery
- Handstrap
- Stylus
- Quick start guide
- One-year warranty

For more information, please visit www.handheldsystems.com

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