Honeywell

Dolphin 6500

Mobile Computer

Honeywell's Dolphin® 6500 is a lightweight and versatile mobile computer that provides advanced data collection and real-time wireless communication for in-premise applications in retail, supply chain and light-industrial environments.

Integrated 802.11b/g wireless connectivity provides users with access to critical data throughout the enterprise, while Bluetooth® connectivity facilitates efficient wireless connection to peripheral devices. Advanced security protocols ensure data accuracy and security.

Its ergonomic form factor features a tapered keypad that fits easily in any user's hand. A large, color touch screen display allows users to see more of an application on a single screen, enhancing user experience for touch screen based graphical applications. Multiple keypad options—28-key numeric and 52-key full alphanumeric—are available to meet application requirements and user preference.

Built to withstand harsh conditions, the IP54-rated Dolphin 6500 can endure exposure to dust, dirt and splashing water, as well as accidental drops from distances as high as 1.2 meters. The reliable Dolphin 6500 even sustains up to 500 tumbles from 1 meter.

Shift-PLUS™ power management technology ensures 10 or more hours of continuous use, eliminating the need to replace the battery during a single shift.

Powered by Adaptus® Imaging Technology 5.5, the 6500 with the imager option delivers the broadest suite of advanced data capture capabilities, including linear and 2D bar code scanning, digital image capture, and intelligent signature capture, allowing users to increase efficiency and improve customer service.

The Dolphin 6500 offers an optimal blend of performance and reliability, delivering a rapid return on investment for mobile workers operating within-the-four-walls.



Features

- **Designed for diverse application needs:** Large, color touch screen display and multiple keypad options offer easy, flexible solutions to meet key- or graphics-based data entry requirements
- **Real-Time Wireless Communication:** Advanced integrated 802.11b/g and Bluetooth technology delivers real-time network access to critical information and supports advanced wireless security standards
- **Class-leading PXA300 Microprocessor:** Supports both Microsoft® Windows CE 5.0 and Windows Embedded Handheld 6.5 platforms
- **Shift-PLUS™ Power Management:** Powers scan intensive, real-time wireless applications continuously for 10 hours or more, enhancing productivity while greatly extending useful battery life and reducing replacement costs
- **Optional Slide-on Handle Accessory:** Provides a productivity-enhancing solution for applications that require high volume scanning such as inventory management and stock replenishment

Dolphin 6500 Technical Specifications

Mechanical/Environmental	
Dimensions	Standard battery: 200 mm x 83 mm x 41 mm (7.9˝ x 3.3˝ x 1.6˝) Extended battery: 200 mm x 83 mm x 44 mm (7.9˝ x 3.3" x 1.7˝) (includes handstrap) At grip: 61 mm (2.4˝)
Weight	Imager: Standard battery: 12.3 oz (349g); Extended battery: 13.3 oz (377g) Laser: Standard battery: 12.7 oz (360g); Extended battery: 13.7 oz (388g) (includes handstrap)
Operating Temperature	Imager: 14°F to 122°F (-10°C to 50°C) Laser: 14°F to 104°F (-10°C to 40°C)
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Humidity	95% humidity, non-condensing
Drop	Withstands multiple 4´ (1.2 m) drops onto concrete, all axis and across operating temperature range
Tumble	500 3.3´ (1 m) tumbles (1,000 drops)
Environmental Sealing	Independently certified to meet IP54 standards for moisture and particle resistance
ESD	Air: ±15 kV; Contact: ±8 kV
System Architecture	
Processor	Marvell XScale PXA300 624 MHz
Operating System	Microsoft® Windows CE 5.0; Windows® Embedded Handheld 6.5
Memory	Windows® CE 5.0: 128 MB RAM X 128 MB Flash; Windows® Embedded Handheld 6.5: 256 MB RAM X 256 MB Flash
Display	3.5˝ active matrix 65k color LCD with backlight, QVGA (240 x 320)
Keypad	28-key numeric with shifted alpha and backlit keys; 52-key full alphanumeric with backlit keys
Audio	Built-in microphone and speaker, stereo headset jack
I/O Ports	Full speed USB 1.1 from cradle (or I/O cable); RS232 (115 Kbps) from cradle
Application Software	Honeywell Powertools® and Demos
Development Environment	Honeywell SDK for Windows® CE 5.0; Honeywell SDK for Windows® Embedded Handheld 6.5 and Visual Studio 2008
Third-Party Software	SOTI MobiControl (remote device management), Naurtech CETerm™ Terminal Emulation (TNVT, 3270, 5250), and ITScriptNet™ (availability may be limited to choice of operating system)
Storage Expansion	User accessible SDHC memory card slot. Please check current price guide for available qualified card options
Battery	Li-Ion 3.7 V, 3300 mAh (12.2 Wh)
Expected Hours of Operation	12 hours
Expected Charge Time	Less than 6 hours
Imager/Scanner	Imager: 5100SF, 5100HD, 5300SR, and 5300HD come with Adaptus Technology and Laser Aimer; Laser: IS4813
Decode Capabilities	Imager: Reads standard 1D and 2D symbologies. Laser: Reads standard 1D symbologies
Warranty	1 year for terminals and peripherals
Wireless Connectivity	
WLAN	Dual Mode 802.11 b/g (11 Mbps/54 Mbps) with internal antenna
WLAN Security	Wi-Fi Alliance Certification, Wireless Security Supplicant (DeviceScape), 802.1x, WPA2, EAP, WEP, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, PEAP, CCXv4
WPAN	Bluetooth® Class II (10 m) v2.0 Enhanced Data Rate (EDR) with on-board antenna. BQB certified

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For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance
For a complete listing of all supported bar code symbologies, please visit www.honeywellaidc.com/symbologies





For more information:

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6500-DS Rev F 07/11
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