Honeywell

Dolphin 6100

Mobile Computer

Honeywell's Dolphin® 6100 is a stylish and reliable mobile computer that provides advanced data collection and real-time wireless communication for in-premise applications including price lookup/audits, inventory management, customer assistance, and merchandising.

Designed with ergonomics in mind, this pocket-sized mobile computer features an angled imager that allows users to view the screen while scanning a bar code.

Despite its stylish exterior, the Dolphin 6100 was built to withstand harsh conditions. This IP54-rated device can endure exposure to dust, dirt and splashing water, as well as accidental drops from distances as high as 1.2 meters. The high-performing Dolphin 6100 can sustain up to 500 tumbles from 1 meter, ensuring reliability for years to come.

Integrated 802.11b/g wireless connectivity provides users with access to critical data throughout the enterprise. A long-lasting battery minimizes the need to change the battery during an eight-hour shift, even in wireless, scan-intensive environments. Advanced security protocols ensure data accuracy and security. Users can also make phone calls using Voice over Internet Protocol (VoIP) technology, eliminating the need to carry additional devices.

Powered by Adaptus® Imaging Technology 5.5, the 6100 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.

Purpose built for in-premise applications, Dolphin 6100 provides mobile workers with the tools needed to streamline tasks, improve productivity, and maximize investment protection.

Features

- **Sleek, User-Friendly Design:** Ultra-lightweight device provides instinctive data entry and comfortable single-handed use in a stylish form factor
- **Real-Time Wireless Communication:** Advanced integrated 802.11b/g 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
- **Powerful Software Utilities:** Comprehensive suite of intuitive software utilities simplify device configuration, application development, and remote device management
- **Versatile, High Performance Data Collection:** Adaptus Imaging Technology 5.5 reads linear and 2D bar codes, captures digital images, and enables electronic signature capture—enabling workers to do more with a single device
- **Engineered for Reliability:** Constructed for use in light industrial in-premise environments

Dolphin 6100 Technical Specifications

Mechanical/Environmental	
Dimensions	Standard battery: 175 mm x 69 mm x 39 mm (6.9˝ x 2.7˝ x 1.5˝) Extended battery: 175 mm x 69 mm x 43 mm (6.9˝ x 2.7" x 1.7˝) (includes handstrap) At grip: 58 mm (2.3˝)
Weight	Imager: Standard battery: 8.7 oz (247g); Extended battery: 9.5 oz (270g); Laser: Standard battery: 8.9 oz (252g); Extended battery: 9.7 oz (275g) (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	2.8˝ transmissive active matrix 65k color LCD with backlight, QVGA (240 x 320)
Keypad	28-key shifted alpha numeric 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
Voice Communication	Voice-over-IP and Push-to-Talk ready
Development Environment	Honeywell SDK for Windows® CE 5.0; Honeywell SDK for Windows® Embedded Handheld 6.5 and Visual Studio 2008
Application Software	Honeywell Powertools® and Demos
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 Micro SDHC memory card slot. Please check current price guide for available qualified card options
Battery	Standard: Li-Ion, 3.7 V, 2200 mAh; Extended: Li-Ion 3.7 V, 3300 mAh (includes extended battery door)
Expected Hours of Operation	8+ hours (with scan and continuously transmitting)*
Expected Charge Time	Less than 4 hours
Imager/Scanner	Imager: 5100SR, 5100SF, 5100HD, 5300SR, 5300SF, 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

For more information:

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