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 5.0, the 6100 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

- **Microsoft® Windows CE 5.0 with PXA300 Processor:** Combines a new, class-leading microprocessor with a powerful, familiar and easy-to-use platform

- **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 5.0 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

Operational

Processor	Marvell XScale PXA300 624 MHz
Operating System	Microsoft® Windows CE 5.0
Memory	128 MB RAM X 128 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
WLAN	Dual Mode 802.11 b/g (11 Mbps/54 Mbps) with internal antenna
WLAN Security	WEP, 802.1x, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, WPA v2.0, PEAP, CCx4 (Pending)
WPAN	Bluetooth® Class II (10 m) v2.0 Enhanced Data Rate (EDR) with on-board antenna. BQB certified
Expansion Slot	User accessible Micro SD Card up to 4 GB with SDIO support
Voice Communication	Voice-over-IP and Push-to-Talk ready
Audio	Built-in microphone and speaker, stereo headset jack
Communication Interface	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
Third Party Software	SOTI MobiControl (remote device management), Naurtech CETerm™ Terminal Emulation (TNVT, 3270, 5250), and ITScriptNet™

Mechanical/Electrical

Dimensions	175 mm x 66 mm x 26.8 mm (6.8˝ x 2.60˝ x 1.06˝)
Weight	250 g (8.8 oz) including standard battery pack

Battery

Battery	Standard: Li-Ion, 3.7 V, 2200 m/Ah; 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

Environmental

Operating Temperature	14°F to 122°F (-10°C to 50°C)
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Humidity	95% humidity, non-condensing
Drop	Withstands multiple 4 ft. (1.2 m) drops onto concrete, all axis and across operating temperature range
Tumble	500 3.3 ft. (1 m) tumbles (1,000 drops)
Environmental Sealing	IP54
ESD	±8 kV contact; ±15 kV air

Scan Performance

Scanner / Decode Capabilities	5300SR 2D Imager with Adaptus Technology and Laser Aimer. Decodes all standard 1D, 2D, Postal and OCR codes
Warranty	1 year for terminals and peripherals

*for standard battery pack. Battery life varies with application and use-case.

For more information:

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