

# 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

<b>Processor</b>	Marvell XScale PXA300 624 MHz
<b>Operating System</b>	Microsoft® Windows CE 5.0
<b>Memory</b>	128 MB RAM X 128 MB Flash
<b>Display</b>	2.8" transmissive active matrix 65k color LCD with backlight, QVGA (240 x 320)
<b>Keypad</b>	28-key shifted alpha numeric with backlit keys
<b>WLAN</b>	Dual Mode 802.11 b/g (11 Mbps/54 Mbps) with internal antenna
<b>WLAN Security</b>	WEP, 802.1x, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, WPA v2.0, PEAP, CCx4 (Pending)
<b>WPAN</b>	Bluetooth® Class II (10 m) v2.0 Enhanced Data Rate (EDR) with on-board antenna. BQB certified
<b>Expansion Slot</b>	User accessible Micro SD Card up to 4 GB with SDIO support
<b>Voice Communication</b>	Voice-over-IP and Push-to-Talk ready
<b>Audio</b>	Built-in microphone and speaker, stereo headset jack
<b>Communication Interface</b>	Full speed USB 1.1 from cradle (or I/O cable); RS232 (115 Kbps) from cradle
<b>Application Software</b>	Honeywell Powertools® and Demos
<b>Development Environment</b>	Honeywell SDK for Windows® CE 5.0
<b>Third Party Software</b>	SOTI MobiControl (remote device management), Naurtech CETerm™ Terminal Emulation (TNVT, 3270, 5250), and ITScriptNet™

## Mechanical/Electrical

<b>Dimensions</b>	175 mm x 66 mm x 26.8 mm (6.8" x 2.60" x 1.06")
<b>Weight</b>	250 g (8.8 oz) including standard battery pack

## Battery

<b>Battery</b>	Standard: Li-Ion, 3.7 V, 2200 mAh; Extended: Li-Ion 3.7 V, 3300 mAh (includes extended battery door)
<b>Expected Hours of Operation</b>	8+ hours (with scan and continuously transmitting)*
<b>Expected Charge Time</b>	Less than 4 hours

## Environmental

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

## Scan Performance

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

Microsoft, Windows, and the Windows Logo are registered trademarks or trademarks of Microsoft Corporation. Intel is a registered trademark of Intel Corporation. The Bluetooth trademarks are owned by Bluetooth SIG, Inc. U.S.A. and licensed to Honeywell International Inc. Dolphin products have no affiliation with Honeywell branded batteries/chargers, which are exclusively distributed by Global Technology Systems pursuant to a license agreement.

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



### For more information:

[www.honeywell.com/aidc](http://www.honeywell.com/aidc)

### Honeywell Security & Data Collection

Honeywell Scanning & Mobility  
700 Visions Drive  
Skaneateles Falls, NY 13153  
800.582.4263  
[www.honeywell.com](http://www.honeywell.com)

# Honeywell

6100-DS Rev A 06/09  
© 2009 Honeywell International Inc.