

Dolphin 6110

Mobile Computer

The stylish and reliable Honeywell Dolphin™ 6110 mobile computer 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 barcode.

Despite its stylish exterior, the Dolphin 6110 mobile computer 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 (4 feet). The high-performing Dolphin 6110 mobile computer can sustain up to 500 tumbles from 1 meter (3.3 feet), providing reliability for years to come.

Integrated 802.11 a/b/g/n 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 protocols enhance data security. Users can also make phone calls using Voice over Internet Protocol (VoIP) technology, eliminating the need to carry additional devices.

Powered by Adaptus™ 6.0 imaging technology, the Dolphin 6110 mobile computer delivers the broadest suite of advanced data capture capabilities, including linear and 2D barcode scanning, digital image capture and intelligent signature capture, allowing users to increase efficiency and improve customer service.

Purpose-built for in-premise applications, the Dolphin 6110 mobile computer provides mobile workers with the tools needed to streamline tasks, improve productivity and maximize investment protection.

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FEATURES & BENEFITS



Ultra-lightweight device provides intuitive data entry and comfortable single-handed use in a stylish form factor.



Advanced integrated 802.11 a/b/g/n technology delivers real-time network access to critical information and supports advanced wireless security standards.



Supports both Microsoft® Windows® CE 6.0 and Windows Embedded Handheld 6.5 platforms.



Adaptus 6.0 imaging technology reads linear and 2D barcodes and captures digital images and electronic signatures — enabling workers to do more with a single device.



Constructed for use in light industrial in-premise environments.

Dolphin 6110 Technical Specifications

MECHANICAL

Dimensions (L x W x H):

With Standard Battery: 175 mm x 69 mm x 39 mm (6.9 in x 2.7 in x 1.5 in)

With Extended Battery: 175 mm x 69 mm x 43 mm (6.9 in x 2.7 in x 1.7 in) – includes handstrap

At Grip: 58 mm (2.3 in)

Weight:

Imager: Standard Battery: 247 g (8.7 oz); Extended Battery: 270 g (9.5 oz)

Laser: Standard Battery: 252 g (8.9 oz); Extended Battery: 275 g (9.7 oz) – includes handstrap

ENVIRONMENTAL

Operating Temperature:

Imager: -10°C to 50°C (14°F to 122°F)

Laser: -10°C to 40°C (14°F to 104°F)

Storage Temperature: -20°C to 70°C (-4°F to 158°F)

Humidity: 95% humidity, non-condensing

Drop: Withstands multiple 1.2 m (4 ft) drops to concrete, all axis and across operating temperature range

Tumble: 500 1 m (3.3 ft) tumbles (1,000 impacts)

ESD: Air: ±15kV; Contact: ±8kV

Environmental Sealing: Independently certified to meet IP54 standards for moisture and particle resistance

SYSTEM ARCHITECTURE

Processor: Texas Instruments OMAP3715
800 MHz

Operating System: Microsoft Windows CE 6.0;
Windows Embedded Handheld 6.5.3

Memory: 512 MB RAM; 512 MB Flash

Display: 7.1 cm (2.8 in) transmissive active matrix 65,000-color LCD with backlight, QVGA (240 x 320)

Keypad: 28-key shifted alphanumeric with backlit keys

Audio: Built-in microphone and speaker, stereo headset jack

I/O Ports: High-speed USB v2.0 (480 Mbps)

Voice Communication: Voice-over-IP and Push-to-Talk ready

Application Software: Honeywell Power Tools and Demos

Storage Expansion: User-accessible Micro SDHC memory card slot. Please check current price guide for available qualified card options

Battery: Standard: Li-Ion, 3.7V, 2200mAh; Extended: Li-Ion, 3.7V, 3300mAh (includes extended battery door)

Expected Hours of Operation: 8+ hours (with scan and continuously transmitting)

Expected Charge Time:
Standard Battery: 4 hours
Extended Battery: 6 hours

Imager: Imager: 5603 (Laser Aimer), Standard Range (SR), High Density (HD); Adaptus 6.0 imaging technology; Laser: N4313 (only for WEH 6.5 version)

Decode Capabilities: Imager: Reads standard 1D and 2D symbologies; Laser: Reads standard 1D symbologies

Warranty: One-year for terminals and peripherals

WIRELESS CONNECTIVITY

WLAN: 802.11a/b/g/n, Wi-Fi™ certified

WLAN Security:

Wi-Fi Alliance Certification, Wireless Security Suppliant (DeviceScape), 802.1x, WPA2, EAP, WEP, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, PEAP, CCXv4

WPAN:

Bluetooth® Class II (10 m) v2.1 Enhanced Data Rate (EDR) with on-board antenna. BQB certified

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

For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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