Dolphin 9700hc

Mobile Computer

Honeywell's Dolphin® 9700hc rugged digital assistant is purpose-built for healthcare applications such as bedside point-of-care, specimen collection and inventory management – combining a rugged, user-friendly design with a complete suite of technologies to enable maximum mobile user productivity and efficiency.

The Dolphin 9700hc is the first rugged digital assistant available with disinfectant-ready housing. Excellent at resisting the harmful effects of fast-drying disinfecting solutions commonly used in healthcare environments, the Dolphin 9700hc is built to deliver long-term reliability and lower repair costs when compared to devices made from traditional materials.

Seamless connectivity between mobile workers and the enterprise is enabled through wireless 802.11 a/b/g and Bluetooth communications for secure, high-speed data transfer and voice communication. Adaptus® Imaging Technology 5.5 provides users with the data capture functionality they need to execute the 5 rights of patient safety – whether scanning a patient wristband, medication or an employee badge. An optional fully programmable color camera is available to easily incorporate picture and video capture into new or existing applications. The large, high resolution 3.7˝ display enhances data viewing and supports both QVGA and VGA screen formats for flexible application support.

Rugged, ergonomic and full-featured, the Dolphin 9700hc rugged digital assistant is the right choice where real-time information processing and solution reliability is critical to the operation of a healthcare institution.

Features

- **Disinfectant-Ready Housing:** Optimal for environments where device must be cleaned frequently with harsh chemicals, and device reliability and longevity are important

- **Wireless Data and Voice Support:** Integrated 802.11 a/b/g for real-time data exchange and voice communications plus Bluetooth for easy connection to wireless peripherals

- **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

- **Windows® Mobile 6.5:** Delivers enhanced touch-friendly user interface, improved web browsing functionality, and broad third-party application support

- **Color Camera with Automated Programming Control:** Provides easy integration of color picture and video capture into existing applications while simplifying operator use

- **Shift-PLUS Power Management:** Enhances productivity by powering real-time wireless and multi-media applications continuously for 8 hours or more

Dolphin 9700hc Technical Specifications

Mechanical/Environmental

Dimensions	165 mm x 85 mm x 41 mm (6.5˝ x 3.3˝ x 1.6˝)
Weight	15.6 oz. (445 g)
Operating Temperature	14° to 122°F (-10°C to 50°C)
Storage Temperature	-4° to 158°F (-20° to 70°C)
Humidity	95% humidity, non-condensing
Drop	Withstands multiple 5 ft. (1.5 m) drops to concrete
Tumble	Exceeds 2000 1.6 ft. (0.5 m) tumbles
Environmental Sealing	Independently certified to meet IP64 standards for moisture and particle resistance
ESD	Air: 15 KV; Contact: 8 KV
Recommended Cleaning Solutions	Sani-Cloth® HB, Sani-Cloth® Plus, Super Sani-Cloth®, Isopropyl Alcohol Wipes (70%), Cavi-Wipes, Virex® 256, 409® Glass and Surface Cleaner, Windex® Blue, Clorox® Bleach - 10%, Gentle Dish Soap and Water

System Architecture

Processor	Marvel XScale PXA270 624 MHz
Operating System	Windows Mobile 6.5 Professional and Classic editions
Memory	256MB RAM X 1GB Flash
Display	3.7˝ high-resolution transflective display with industrial touch panel and software support for full VGA or QVGA display resolutions
Keypad	In-mold, hard-top keypad options: 31-key Numeric and 45-key QWERTY. Supports full VGA or QVGA screen resolutions
Audio	Integral Microphone, full range high output main speaker (back), Hearing Aide Compliant (HAC) receiver audio speaker (front), mono audio and microphone input supported through the I/O connector
I/O Ports	RS-232/USB/Charging connector, integrated IrDA port supports SIR & FIR modes
Camera	2 megapixel camera with Automated Camera Control (ACC). Features include automated picture profiles, camera Application Programming Interface (API), cooperational use of camera and imager, and flashlight utility
Development Environment	Honeywell SDK for Windows Mobile 6.5
Third-Party Software	SOTI MobiControl (remote device management), Naurtech CETerm and PowerNet™ Terminal Emulation (TNVT, 3270, 5250), and ITScriptNet™
Storage Expansion	Micro SD slot with High Capacity (HC) memory card support (up to 32 GB)
Battery	7.4 volt high capacity, hot swap Li-ion battery pack
Expected Hours of Operation	WLAN/Max scanning: 9+ hours; WAN/GPS: 8+ hours; Talk time: 6 hours
Expected Charge Time	Up to 4 hours when charging completely discharged battery
Imager/Scanner	5300 Standard Range (SR), Smart Focus (SF), and High Density (HD) Imagers with High-Visibility laser aimer. All imagers equipped with Adaptus Imaging Technology 5.5.
Decode Capabilities	Reads standard 1D and 2D symbologies
Warranty	1 year

Wireless Connectivity

WLAN	IEEE 802.11a/b/g
WLAN Security	Wi-Fi Certified, WPA2, EAP, CCXv4, WEP, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, PEAP
WPAN	Bluetooth V2.0 + EDR
Voice Communication	Supports Voice over WLAN

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

LASER LIGHT. DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
1.0 mW MAX OUTPUT: 650nM
IEC 60825-1:1993+A1+A2
Complies with 21 CFR 1040.10 and 1040.11
except for deviations pursuant to Laser
Notice No. 50, dated June 24, 2007.

For more information:

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