

# 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**

Weight 15.6 oz. (445 g) Operating Temperature 14° to 122°F (-10°C to 50°C) Storage Temperature 4° to 158° (-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* Plus, Super Sani-Cloth*, Isopropyl Alcohol Wipes (70%), Cavi-Wipes, Virex* 256, 49° (Isas and Surface Cleaner, Windex* Blue, Clorox* Bleach - 10%, Gentle Dish Soap and Water  Processor Marvel XScale PXA270 624 MHz Operating System Windows Mobile 6.5 Professional and Classic editions  Memory 256MB RAM X 1GB Flash 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 Compilant (HAC) receiver audio speaker (front), mono audio and microphone input supported through the I/O connector  I/O Ports Bs-232/USB/Charging connector, integrated IrVA port supports SIR & Filt 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 Heneysel SDK for Windows Mobile 6.5  Third-Party Software SOTI MobilControl (remote device management), Naurtech CETerm and PowerNet™ Terminal Emulation (TNVT 3270, 5250), and TScriphNet™  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-John battery pack  Expected Charge Time Up to 4 hours when charging completely discharged battery  S200 Standard Range (SR), Smart Focus (SF), and High Density (HD) Imagers with	Dimensions	165 mm x 85 mm x 41 mm (6.5″ x 3.3″ x 1.6″)
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Aug® 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  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  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, camer Application Programming Interface (API), cooperational use of camera and imager, and flashlight utility  Development Environment Honeywell SDK for Windows Mobile 6.5  SOTI MobiControl (remote device management), Naurtech CETerm and PowerNet™ Terminal Emulation (TNVT 3270, 5250), and ITScriptNet™  Storage Expansion Micro SD slot with 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  1 year  Decode Capabilities Reads standard 1D and 2D symbologies  Warranty 1 year  WIAN IEEE 802.11a/b/g  WIAN IEEE 802.11a/b/g  WIAN Bluetoth V2.0 + EDR	•	·
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Memory 256MB RAM X 1GB Flash  3.7° high-resolution transflective display with industrial touch panel and software support for full VGA or QVGA display resolutions  In-mold, hard-top keypad options: 31-key Numeric and 45-key QWERTY. Supports full VGA or QVGA or covered resolutions  In-mold, hard-top keypad options: 31-key Numeric and 45-key QWERTY. Supports full VGA or QVGA screen resolutions  Integral Microphone, full range high output main speaker (back), Hearing Aide Compliant (HAC) receiver audio speaker (front), mone 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 isa0 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  Vireless Connectivity  WLAN IEEE 802.11a/b/g  WLAN Bleetoth V2.0 + EDR	System Architecture	
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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  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  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 S300 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  Vireless 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	Display	
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  2 megapixel camera with Automated Camera Control (ACC). Features include automated picture profiles, camer Application Programming Interface (API), cooperational use of camera and imager, and flashlight utility  Development Environment  Honeywell SDK for Windows Mobile 6.5  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  Vireless 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  Bluetooth V2.0 + EDR	Keypad	
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 S300 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  Vireless Connectivity  WLAN IEEE 802.11a/b/g  WLAN Becurity Wi-Fi Certified, WPA2, EAP, CCXv4, WEP, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, PEAP  Bluetooth V2.0 + EDR	Audio	
Application Programming Interface (API), cooperational use of camera and imager, and flashlight utility  Development Environment  Honeywell SDK for Windows Mobile 6.5  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  S300 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  Vireless Connectivity  WLAN  IEEE 802.11a/b/g  WLAN  BLEE 802.11a/b/g  WLAN  Bluetooth V2.0 + EDR	I/O Ports	RS-232/USB/Charging connector, integrated IrDA port supports SIR & FIR modes
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  Vireless 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  Bluetooth V2.0 + EDR	Camera	2 megapixel camera with Automated Camera Control (ACC). Features include automated picture profiles, camer Application Programming Interface (API), cooperational use of camera and imager, and flashlight utility
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  Vireless 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  Bluetooth V2.0 + EDR	Development Environment	Honeywell SDK for Windows Mobile 6.5
### Table 10 Pack   ### Table 20 Pack   ### Ta	Third-Party Software	SOTI MobiControl (remote device management), Naurtech CETerm and PowerNet™ Terminal Emulation (TNVT 3270, 5250), and ITScriptNet™
Expected Hours of Operation  WLAN/Max scanning: 9+ hours; WAN/GPS: 8+ hours; Talk time: 6 hours  Up to 4 hours when charging completely discharged battery  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  Vireless 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	Storage Expansion	Micro SD slot with High Capacity (HC) memory card support (up to 32 GB)
Expected Charge Time Up to 4 hours when charging completely discharged battery 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 4 year  Vireless 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	Battery	7.4 volt high capacity, hot swap Li-ion battery pack
Sample   S	Expected Hours of Operation	WLAN/Max scanning: 9+ hours; WAN/GPS: 8+ hours; Talk time: 6 hours
imagers equipped with Adaptus Imaging Technology 5.5.  Decode Capabilities Reads standard 1D and 2D symbologies  Vireless 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	Expected Charge Time	Up to 4 hours when charging completely discharged battery
Warranty 1 year  Vireless 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	Imager/Scanner	
WLAN Security  WIAN Bluetooth V2.0 + EDR	Decode Capabilities	Reads standard 1D and 2D symbologies
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	Warranty	1 year
WLAN Security  Wi-Fi Certified, WPA2, EAP, CCXv4, WEP, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, PEAP  WPAN  Bluetooth V2.0 + EDR	Vireless Connectivity	
WPAN Bluetooth V2.0 + EDR	WLAN	IEEE 802.11a/b/g
WPAN Bluetooth V2.0 + EDR	WLAN Security	Wi-Fi Certified, WPA2, EAP, CCXv4, WEP, LEAP, TKIP, MD5. EAP-TLS. EAP-TTLS. WPA-PSK. PEAP
	WPAN	

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