

# PRELIMINARY

# Honeywell

## Dolphin 9700

### Mobile Computer

Honeywell's Dolphin® 9700 rugged digital assistant maximizes worker productivity and reduces operating costs by providing reliable and easy-to-use multi-modal communication and data collection.

Real-time communication is critical in today's fast-paced global business environment. Mobile workers can perform a multitude of tasks on the Dolphin 9700, including business computing, e-mail, instant messaging, web browsing, voice calls, bar code scanning, picture taking, video recording, GPS tracking, and vehicle navigation. This consolidation of hardware simplifies workflow and significantly reduces expenses. High-speed wireless technology—3.5G GSM/HSDPA, 802.11 a/b/g, Bluetooth®, IrDA and GPS—connects companies to customers and workers, regardless of location.

The Dolphin 9700 maximizes worker productivity and comfort by providing an optimized user interface and system performance. Its contoured industrial design is easy to handle and provides a secure grip. A large 3.7" high-resolution VGA display ensures easy data interaction in any environment. An angled imager with ergonomic scan keys enables rapid, fatigue-free scanning, while a full QWERTY keyboard with enhanced navigation keys facilitates intuitive data input. Honeywell's Shift-PLUS® power management system ensures continuous operation throughout an entire work shift, resulting in a lower total cost of ownership.

Automated intelligent multi-media technology enhances device utility. Adaptus® Imaging Technology 5.5 is paired with a fully-programmable color camera which allows enterprises to easily incorporate data, image and video capture into new or existing business applications, creating additional value which improves the bottom line.



### Features

- **Global High-Speed Wireless Platform:** Integrated wireless technology includes 3.5G GSM/HSDPA and 802.11a/b/g for real-time data exchange and voice communications, plus Bluetooth for efficient wireless connection to peripheral devices and IrDA
- **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
- **Shift-PLUS Power Management:** Enhances productivity by powering real-time wireless and multi-media applications continuously for 8 hours or more
- **Automated Assisted GPS (A-GPS) Technology:** Improves satellite connection speed and tracking continuity in weak signal areas while simplifying device set-up
- **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 business applications while simplifying operator use

# Dolphin 9700 Technical Specifications

## Mechanical & Environmental

<b>Dimensions</b>	164 mm x 80 mm x 41 mm (6.4" x 3.1" x 1.6")
<b>Weight</b>	14.3 oz. / 406 g - 16.3 oz./463 g
<b>Display</b>	3.7" high-resolution VGA transreflective color display with industrial touch panel
<b>Keypad</b>	In-mold, hard-top keypad options: 31-key Numeric and 45-key QWERTY
<b>Operating Temperature</b>	14° to 122°F (-10°C to 50°C)
<b>Storage Temperature</b>	-4° to 158°F (-20° to 70°C)
<b>Humidity</b>	95% humidity, non-condensing
<b>Drop</b>	Withstands multiple 5 ft. (1.5 m) drops to concrete
<b>Tumble</b>	Exceeds 2000 1.6 ft. (.5m) tumbles (4000 drops)
<b>ESD</b>	15 KV Air & 8 KV Contact
<b>Environmental Sealing</b>	Independently certified to meet IP64 standards for moisture and particle resistance

## System Architecture

<b>Processor</b>	Marvel XScale PXA270 624 MHz
<b>Operating System</b>	Windows Mobile 6.5 Professional and Classic editions
<b>Memory</b>	256MB RAM X 1GB Flash
<b>Storage Expansion</b>	Micro SD slot with High Capacity (HC) memory card support (up to 32 GB)
<b>Battery</b>	7.4 volt high capacity, hot swap Li-ion battery pack
<b>Battery Hours of Operation</b>	WLAN/Max scanning: 9+ hours; WAN/GPS: 8+ hours; Talk time: 6 hours
<b>Battery Expected Charge Time</b>	Up to 4 hours when charging completely discharged battery
<b>Imager/Scanner</b>	5300 Standard Range (SR), Smart Focus (SF), and High Density (HD) Imagers with High-Visibility laser aimer. All imagers equipped with Adaptus 5.5 Imaging Technology.
<b>Decode Capabilities</b>	Reads standard 1D and 2D symbologies. Visit <a href="http://www.honeywell.com/aidc/symbologies">www.honeywell.com/aidc/symbologies</a> for details.
<b>Camera</b>	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
<b>Audio</b>	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
<b>I/O Ports</b>	RS-232/USB/Charging connector, integrated IrDA port supports SIR & FIR modes
<b>Development Environment</b>	Honeywell SDK for Windows Mobile 6.5
<b>Third Party Software</b>	SOTI MobiControl (remote device management), Naurtech CETerm and PowerNet™ Terminal Emulation (TNVT, 3270, 5250), and ITScriptNet™
<b>Warranty</b>	1 year factory warranty

## Wireless Connectivity

<b>WWAN</b>	3.5G GSM/UMTS/HSDPA radio with Penta-Band antenna - supports all GSM frequency bands 850/900/1800/1900/2100 MHz.
<b>WLAN</b>	IEEE 802.11a/b/g
<b>WLAN Security</b>	Wi-Fi Certified, WPA2, EAP, CCXv4, WEP, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, PEAP
<b>WPAN</b>	Bluetooth V2.0 + EDR
<b>GPS</b>	Integrated autonomous GPS receiver with built-in Assisted-GPS (A-GPS) services and software utilities.
<b>Voice Communication</b>	Full voice support including handset mode, headset mode (wired and wireless), and speaker phone mode via GSM radio. Supports Voice over WLAN.

For a complete listing of all compliance approvals and certifications please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance)



**For more information:**  
[www.honeywellaidc.com](http://www.honeywellaidc.com)

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