

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

Dimensions	165 mm x 85 mm x 41 mm (6.5" x 3.3" x 1.6")
Weight	15.6 oz. / 445 g - 17.1 oz. / 486 g
Display	3.7" high-resolution VGA transreflective color display with industrial touch panel
Keypad	In-mold, hard-top keypad options: 31-key Numeric and 45-key QWERTY
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
ESD	15 KV Air & 8 KV Contact
Environmental Sealing	Independently certified to meet IP64 standards for moisture and particle resistance

System Architecture

Processor	Marvel XScale PXA270 624 MHz
Operating System	Windows Mobile 6.5 Professional and Classic editions
Memory	256MB RAM X 1GB Flash
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
Battery Hours of Operation	WLAN/Max scanning: 9+ hours; WAN/GPS: 8+ hours; Talk time: 6 hours
Battery 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 5.5 Imaging Technology.
Decode Capabilities	Reads standard 1D and 2D symbologies. Visit www.honeywell.com/aidc/symbologies for details.
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
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
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™
Warranty	1 year factory warranty

Wireless Connectivity

WWAN	3.5G GSM/UMTS/HSDPA radio with Penta-Band antenna - supports all GSM frequency bands 850/900/1800/1900/2100 MHz.
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
GPS	Integrated autonomous GPS receiver with built-in Assisted-GPS (A-GPS) services and software utilities.
Voice Communication	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
 For a complete listing of all supported bar code technologies please visit www.honeywellaidc.com/symbologies



For more information:
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