Dolphin 6000

Mobile Computer

Today's mobile workers require real-time communications and access to critical business data to make informed decisions at the point of customer service. Many of these information workers utilize multiple devices—such as smart phones, VoIP phones, two-way radios, laptop or tablet computers, GPS navigation systems, and bar code scanners—throughout the course of a normal business day to perform a variety of tasks. Honeywell's Dolphin® 6000 rugged smart phone converges the functionality of these devices into a single, durable, pocket-sized device that delivers multi-purpose utility at an affordable price.

The easy-to-use Dolphin 6000 provides aggressive scanning of linear bar codes, allowing the automation of data entry, leading to increased productivity. With integrated GSM telephony and full voice capabilities, the Dolphin 6000 enables mobile workers to communicate effectively with customers, suppliers, and co-workers—regardless of location. An integrated 3 megapixel color camera allows images to be captured when proof of service is needed. Additional functions, such as web browsing, texting, geo tracking, driving navigation, mapping, and remote asset management can be performed on the affordable Dolphin 6000, maximizing worker productivity while lowering acquisition and support costs.

Unlike fragile consumer-grade smart phones, the durable Dolphin 6000 delivers years of reliable operation. Featuring an IP54-sealed enclosure, the Dolphin 6000 can endure exposure to dust, dirt and splashing water, and survive accidental drops from four feet to concrete. The device's warranty can be extended to three years of comprehensive coverage, ensuring quick and easy device repair and replacement.

Designed to replace the myriad of devices used by mobile information workers, Honeywell's Dolphin 6000 combines bar code scanning, mobile computing, location-based services, and smart phone utility in a small yet reliable device, providing significant cost savings and improved productivity.

Features

- **Ultra-Lightweight Pocket-Sized Design:** Provides instinctive data entry and comfortable single-handed use in a compact form factor

- **Real-Time Wireless Communication:** Features integrated GSM/EDGE cellular, 802.11b/g, and Bluetooth technologies, allowing real-time communications and access to critical data—wherever business is conducted

- **Versatile Data Collection:** Delivers aggressive scanning of linear bar codes using an integrated laser scan engine, as well as signature and image capture, allowing manual processes to be automated

- **Optimized Voice Technology:** Enables device to be used for voice calls, allowing improved communication

- **Durable Construction:** Minimizes device repair and replacement costs with a reliable design

- **Remote MasterMind® Ready:** Reduces total cost of ownership by providing a turnkey remote device management solution that easily manages and tracks usage of installed devices

- **Service Made Simple™ Service Plans:** Offers comprehensive, hassle-free protection on the device investment for up to three years after purchase, lowering the total cost of ownership

Dolphin 6000 Technical Specifications

Mechanical/Environmental

Dimensions	134 mm x 65 mm x 18.5 mm (5.3˝ x 2.6˝ x 0.7˝)
Weight	7.1 oz (200g)
Operating Temperature	14°F to 122°F (-10°C to 50°C)
Storage Temperature	-4°F to 158°F (-20°C to 70°C)
Humidity	95% humidity, non-condensing
Drop	3' / 1m to concrete across operating temperature; 4' / 1.5m to concrete at room temperature
Tumble	Exceeds 1000 1m tumbles
Environmental Sealing	Independently certified to meet IP54 standards for moisture and particle resistance
ESD	

System Architecture

Processor	416MHz MTK
Operating System	Windows® Embedded Handheld 6.5
Memory	256 MB RAM
Flash Memory	512 MB on board FLASH memory. Supports optional Micro SD memory expansion
Display	2.8˝ QVGA transmissive
Keypad	29-key numeric keyboard w/IMD keys
Touch Panel	4-wire resistive
Audio	Speaker, HAC receiver, microphone, vibrator
I/O Ports	USB charge/Comm Cable USB/RS232 base
Communication	USB 2.0 high speed client
Development Environment	Honeywell SDK for Windows® Embedded Handheld 6.5 and Visual Studio 2008
Application Software	Honeywell Powertools® and Demos; MS SDK; Remote MasterMind RDM
Third-Party Software	ITScriptNet™ rapid application development software with Ready To Go applications
Storage Expansion	User accessible Micro SD Card up to 32 GB
Camera	3 mega pixel/auto focus/flash LED
Battery	Li-Ion, 5.7 watt-hour
Expected Hours of Operation	WLAN: 8+ Hours typical with system default settings; GSM Talk Time: 9 hours typical with system default settings
Expected Charge Time	Less than 6 hours
Imager/Scanner	Honeywell 1D scan engine
Decode Capabilities	Reads standard 1D symbologies
Warranty	1 year factory warranty

Wireless Connectivity

GPS	Integrated assisted GPS (AGPS)
WLAN	802.11 b/g WAPI support
WLAN Security	802.11 b/g with WAPI support
WPAN	Bluetooth V2.1 with EDR
WWAN	GSM/GPRS/EDGE voice and data

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