Honeywell

Dolphin 99GX

Mobile Computer

Purpose-built for transportation and logistics applications, the Honeywell Dolphin™ 99GX mobile computer with an integrated handle provides user-friendly ergonomics, cutting-edge wireless technology, multi-functional data capture and extreme durability for frontline workers operating in a variety of locations ranging from loading docks to retail.

The reliable and intuitive Dolphin 99GX mobile computer delivers an outstanding feature set that enables improved productivity for mobile workers. Integrated Shift-PLUS™ technology provides all-day battery life, minimizing the time and expense incurred when batteries need to be charged or replaced. The Dolphin 99GX mobile computer is IP64-rated and can withstand multiple 1.8 meter (6 feet) drops to concrete, ensuring years of trouble-free operation.

The Dolphin 99GX mobile computer features the latest in wireless technology, including a software-definable radio that allows on-the-fly switching between GSM and CDMA networks, leading to improved network coverage and lower costs related to device provisioning and deployment. Additionally, built-in Wi-Fi provides workers with access to critical data using the new, lightning-fast 802.11n standard while still supporting legacy a/b/g protocols.

Integrated motion, light and proximity sensors help conserve battery life and improve ease of use by automatically optimizing the device for the current environment. Similarly, multiple keypad



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options are available to ensure that the device is configured to meet diverse data input needs. With additional features such as an ultra-bright 94-millimeter (3.7-inch) display that can be read even in direct sunlight, the Dolphin 99GX mobile computer offers superior usability.

Designed with input from leading companies in the transportation and logistics sector, the Dolphin 99GX mobile computer provides a rugged solution that increases productivity by connecting enterprises, frontline workers and customers using real-time wireless communication.

FEATURES & BENEFITS

Incorporates an IP64-rated design that withstands multiple 1.8 meter (6 feet) drops to concrete and 2,000 1 meter tumbles, resulting in a lower total cost of ownership for enterprises.

Enhances productivity by providing full-shift battery life, eliminating the need for employees to carry spare batteries or chargers.

Enables multi-functional data capture by providing fast scanning of linear and 2D barcodes with excellent motion tolerance, as well as seamless image capture.

Delivers full wireless coverage for applications inside and outside of the four walls, allowing real-time access to critical data.

Comprehensive, hassle-free protection on the device investment – for up to five years after purchase – extends the product life expectancy beyond the norm for consumer-grade devices.

Dolphin 99GX Technical Specifications

MECHANICAL/ENVIRONMENTAL

Dimensions: 215 mm L x 69 mm W (keypad) x 39 mm (standard battery)/45mm (extended battery); 8.5 in L x 2.7 in W (keypad) x 1.5 in (standard battery)/1.8 in (extended battery)
Weight: Standard battery: 621 g (21.9 oz); Extended battery: 700 g (24.7 oz)
Operating Temperature: -4°F to 122°F (-20°C to 50°C)
Storage Temperature: -13°F to 158°F (-25°C to 70°C)
Humidity: 95% humidity, non-condensing
Drop: Withstands multiple 1.8 m (6 ft) drops to concrete, all axis, and across operating temperature range
Tumble: Up to 2,000 (1 m) tumbles per IEC 60068-2-32 specification
Environmental Sealing: Independently certified to meet IP64 standards for moisture and particle resistance
ESD: Air: ±15 KV; Contact: ±8 KV

SYSTEM ARCHITECTURE

Processor: Texas Instruments® OMAP3715 1.0 GHz processor
Operating System: Microsoft® Windows® Embedded Handheld 6.5 Professional and Classic
Memory: 1 GB discrete NAND flash x 512 MB RAM
Display: Chemically strengthened 94 mm (3.7 in) transflective active matrix glass display, VGA (480 x 640), 333 nits
Touch Panel: Industrial touch panel with resistive touch and support for finger touch and stylus
Keypad: Backlit 55-key alphanumeric, 43-key alpha shifted numeric, 34-key numeric shifted alpha (phone or calculator style)

Audio: Speaker, microphone
I/O Ports: RS-232/USB 2.0/audio out/charging connector, integrated IrDA port with support for SIR mode

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