Honeywell

Dolphin 7600

Mobile Computer

The Dolphin 7600 device offers a range of features and functionality superior to other devices in its class. Combining the data collection and communication attributes of an industrial-grade mobile computer with a more compact design, the 7600 offers users the opportunity to deploy a powerful and reliable productivity tool.

The 7600 is perfect for the user that is constantly on the move. Its small, lightweight, and ergonomic design offers workers easy, comfortable, one-handed use as opposed to the heavy, bulky data collection devices that can cause worker fatigue and repetitive stress injuries.

To provide seamless data and voice communications, the 7600 features an integrated triple-radio design for Wireless Full Area Networking (WFAN™) technology – combining Bluetooth®, 802.11 and GSM/GPRS EDGE to provide reliable real-time information access and exchange anytime, anywhere. Full shift power management provides continuous and uninterrupted runtime, even when used in full time wireless, scan-intensive environments.

Powered by Adaptus® Imaging Technology 5.0, the 7600 delivers one of the broadest suite of advanced data capture capabilities, including linear and 2D bar code scanning, digital image capture, and intelligent signature capture, allowing users to increase efficiency and customer service.

Purpose-built for light industrial applications, the 7600 is ideal for use in retail, parcel delivery, postal, route accounting, field services, warehousing, and task management applications.



Features

- **Small, Ergonomic Design:** Contoured, narrow body with an integrated finger saddle and angled image engine for comfortable one-handed use
- **Full Shift Power Management:** Powers an entire work shift of use, delivering uninterrupted data processing for enhanced worker productivity and reduced battery replacement costs
- **Versatile, High Performance Data Collection:** Adaptus Imaging Technology 5.0 reads linear and 2D bar codes and captures digital images, giving you the ability to process and manage more data with a single device than ever before
- **Windows Mobile® 6.0:** Powerful, industry standard platform for developers and users, simplifying integration and ensuring intuitive operation
- **Engineered for Durability:** Constructed for reliable use in light industrial applications–in the field and on-site
- **Built-In GPS Technology:** Enables turn-by-turn navigation, driver route optimization, “bread-crumbing,” geo-fencing, and other location-based applications
- **Wireless Full Area Networking (WFAN) Technology:** Integrated WAN, LAN, and PAN for real-time data exchange and voice communications keeps users continually connected to mission critical information
- **Vibrant Color Display:** 2.8 in. ¼ VGA color display provides easy viewing and touch screen use
- **Backlit Numeric and Alpha Keyboards:** Strategic key placement enables efficient one-handed operation while the backlight increases usability in most lighting conditions

Dolphin 7600 Technical Specifications

Mechanical/Environmental	
Dimensions	BT & BT/WLAN Configurations: 177.8 mm x 68.58 mm x 43.18 mm (7˝ x 2.7˝ x 1.7˝) GSM Configurations: 180.34 mm x 68.58 mm x 48.26 mm (7.1˝ x 2.7˝ x 1.9˝)
Weight	BT & BT/WLAN Configurations: Approximately 11.7 oz. (332g) GSM configurations: Approximately 14.3 oz. (406g)
Operating Temperature	14° to 122°F (-10° to 50°C)
Charging Temperature	32° to 104°F (0° to 40°C)
Humidity	95% humidity (non-condensing)
Drop	Withstands multiple 5´ (1.5m) multiple drops to concrete, all axis, and across operating temperature range
Environmental Sealing	Independently certified to meet IP54 standards for moisture and particle resistance; RoHS and WEEE compliant
ESD	Air: +/- 12k Vdc; Direct: +/- 8k Vdc
System Architecture	
Processor	Samsung 2440 400 MHz
Operating System	BT & BT/ WLAN Configurations: Windows Mobile 6 Classic GSM Configurations: Windows Mobile 6 Professional
Memory	128MB RAM X 128MB Flash
Display	2.8 in. 1/4 VGA, 240 X 320, TFT color display with touch screen
Keypad	29-key numeric keyboard with shifted alpha and six(6) programmable keys; backlit 38-key alpha keyboard with shifted numeric and two(2) programmable keys; backlit
Audio	On-board speaker, microphone, and standard 2.5mm headset jack
I/O Ports	RS232/USB connector, IrDA port
Development Environment	Honeywell SDK for Windows Mobile 6.0
Third-Party Software	SOTI MobiControl (remote device management), PowerNet™ Terminal Emulation (TNVT, 3270, 5250), and ITScriptNet™
Storage Expansion	User accessible Micro SDHC memory card slot. Please check current price guide for available qualified card options
Battery	Li-ion battery 3.7V / 2200 mAh / 8.1 Wh (standard) OR Li-ion battery 3.7V / 3240 mAh / 12.0 Wh (optional)
Imager/Scanner	5300 Standard Range with High-Vis laser aimer
Decode Capabilities	Reads standard 1D and 2D symbologies
Warranty	1 year factory warranty
Wireless Connectivity	
WWAN	Quad Band: GSM 850/900/1800/1900MHz, GSM release 99, EDGE multi-slot class 12, GPRS multi-slot class 12
WLAN	802.11b/g
WLAN Security	Wi-Fi Certified, WPA2, EAP, CCXv4, WEP, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, PEAP
WPAN	Bluetooth Class 2, version 1.2
GPS	Integrated GPS (Global Positioning System) receiver with internal antenna supporting SiRFstarIII technology

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For a complete listing of all supported bar code symbologies, please visit www.honeywellaidc.com/symbologies

For more information:

www.honeywellaidc.com

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