Honeywell Dolphin[®] 7850 Mobile Computer

The Dolphin 7850 device is a compact, pistol-grip style mobile computer purpose-built for scan-intensive in-premise applications. Combining user-focused ergonomics with industrial-grade construction and advanced technologies, the 7850 is designed to increase the productivity of your employees and maximize your return on investment.

Featuring a full-sized angled display for easy data viewing, and a comfortable, well-balanced handle design, the 7850 enhances user productivity while reducing user fatigue and wrist strain. High-speed 802.11b/g wireless connectivity and Shift-PLUS[™] power management gives users continuous access to mission-critical data throughout the workplace without interruption, eliminating costly downtime due to data disconnects or replacing batteries.

The 7850 supports a wide range of imaging and scanning solutions to address specific customer data collection requirements. Easy to use Adaptus Imaging Technology 5.0 delivers high performance 1D and 2D barcode scanning while enabling automated device configuration and update capabilities. Laser options are also available for long range scanning applications.

A robust suite of integrated software tools provides resources for application development and integration, device deployment, and configuration management. Class-leading terminal emulation and remote device management solutions are available to ease integration of the 7850 into your legacy systems and simplify IT administration once your devices are deployed to the field.

The only product today designed exclusively for frontline in-premise mobile data collection, the 7850 delivers the performance and value you need now and protects your investment into the future.

Features

- **Optimized for In-Premise Use:** Combines an angled 3.5 inch color display and contoured pistol-grip, in a compact, lightweight and balanced device—built specifically for comfortable and efficient in-premise data collection.
- Industrial-Grade Durability: Environmentally sealed housing, internal magnesium alloy roll cage and specialized wear-resistant components ensure years of reliable use.
- Multiple Data Collection Technology Options:
 - Adaptus Imaging Technology provides linear and 2D barcode reading for standard range scanning applications.
 - Laser scanner options provide long range linear reading out to 30' (9.1m).
- Powerful Software Utilities: Comprehensive integrated suite of easy to use software tools and utilities provide simplified device configuration, application development, and device management capabilities.

- Windows Mobile[®] 5.0: Powerful, industry standard platform, application flexibility for developers, and a familiar interface for users.
- Shift-PLUS Power Management: Powers scan-intensive, full-time RF applications continuously for 10 hours or longer, enhancing operational efficiency. Longer battery run-time requires fewer charge cycles–greatly reducing battery replacement costs.
- **Real-Time Wireless Communication:** Integrated 802.11b/g communications delivers real-time network access to mission critical information and supports advanced wireless security standards.



7850 Technical Specifications



Form Factor: Purpose-ball: compact, handle=bigk mobile computer Operating System: Mindows Mobile 5.0 Operating System: SOTI MobiContol (crimite dovice management), PownNort Terminal Emulation (NVT, 3270, 5250), and TScripNet" Third Party Software: SOTI MobiContol (crimite dovice management), PownNort Terminal Emulation (NVT, 3270, 5250), and TScripNet" Memory (RAMIRON): 64M8R-4X20 312 Mile 2.50 Mile colors Bibley: 3.5 in 1.4 VoX.3202 X 350 Mile colors Communications: 100K duty-cycle plugaba/dockable RES22/USB connector, IrOA, Audio besper Contamunications: 100K duty-cycle plugaba/dockable RES22/USB connector, IrOA, Audio besper Calabary Contamunications: 100K duty-cycle plugaba/dockable RES22/USB connector, IrOA, Audio besper Calabary Contamus		bai opcomoationo	CERTIFIED	~
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Charging Peripherals: AC wall adapter, Charge/Communication cable, single-bay Home Base, 4 bay Charge Base, battery Quad Charger Vireless Radios WLAN Standard: 802.11b/g, Wi-Fi Certified WLAN Security: WEP, WPA Personal/Enterprise, WPA2 Personal/Enterprise, EAP-TLS, TTLS, LEAP, PEAP, Cisco CCX compliant (pending) WPAN (optional): Bluetooth class 2, version 1.2 (optional feature) Co-Located/Operational: Two radios: WLAN/WPAN Physical Operating Temperature: Ostandard configuration is 14°—122°F / -10°—50°C nominal; -4° (-20°C) with reduced runtime Optional Bluetooth configuration is 32°—104°F / 0°—40°C Construction: Magnesium alloy internal chassis with component shock mounts Engineering-grade polycarbonate outer housing with integrated rubber over-molded handle Structural: 5 ft. (1.5m) multiple drops to concrete, all axis, across operating temperature range; 6ft. (1.8m) with optional rubber boot cover Exceeds 2000 3 ft. (1m) tumbles Environmental: IP64 rated for blown dust/water intrusion Dimensions: Main housing: 7.1 in. Long X 3.3 in. Wide X 1.4 in. Deep (18 cm Long X 8.4 cm Wide X 3.6 cm Deep) Weight: Approximately 22 oz/684g	Stand-by Time:	Device suspend mode: 8 days minimum		
Vireless Radios WLAN Standard: 802.11b/g, Wi-Fi Certified WLAN Security: WEP, WPA Personal/Enterprise, WPA2 Personal/Enterprise, EAP-TLS, TTLS, LEAP, PEAP, Cisco CCX compliant (pending) WPAN (optional): Bluetooth class 2, version 1.2 (optional feature) Co-Located/Operational: Two radios: WLAN/WPAN Physical Operating Temperature: Standard configuration is 14°-122°F / -10°-50°C nominal; -4° (-20°C) with reduced runtime Optional Bluetooth configuration is 32°-104°F / 0°-40°C Construction: Magnesium alloy internal chassis with component shock mounts Engineering-grade polycarbonate outer housing with integrated rubber over-molded handle Structural: 5 ft. (1.5m) multiple drops to concrete, all axis, across operating temperature range; 6ft. (1.8m) with optional rubber boot cover Exceeds 2000 3 ft. (1m) tumbles Environmental: IP64 rated for blown dust/water intrusion Dimensions: Main housing: 7.1 in. Long X 3.3 in. Wide X 1.4 in. Deep (18 cm Long X 8.4 cm Wide X 3.6 cm Deep) Handle: Wainhousing: 7.2 oz/684g Approximately 22 oz/684g	Charging:	9.5V AC input through handle charge port or USB/Serial connector, four hours recharge		
WLAN Standard: 802.11b/g, Wi-Fi Certified WLAN Security: WEP, WPA Personal/Enterprise, WPA2 Personal/Enterprise, EAP-TLS, TTLS, LEAP, PEAP, Cisco CCX compliant (pending) WPAN (optional): Bluetooth class 2, version 1.2 (optional feature) Co-Located/Operational: Two radios: WLAN/WPAN Physical Operating Temperature: Standard configuration is 14°-122°F / -10°-50°C nominal; -4° (-20°C) with reduced runtime Optional Bluetooth configuration is 32°-104°F / 0°-40°C Construction: Magnesium alloy internal chassis with component shock mounts Engineering-grade polycarbonate outer housing with integrated rubber over-molded handle Structural: 5 ft. (1.5m) multiple drops to concrete, all axis, across operating temperature range; 6ft. (1.8m) with optional rubber boot cover Exceeds 2000 3 ft. (1m) tumbles Environmental: IP64 rated for blown dust/water intrusion Dimensions: Main housing: 7.1 in. Long X 3.3 in. Wide X 1.4 in. Deep (18 cm Long X 8.4 cm Wide X 3.6 cm Deep) Handle: Weight: Approximately 22 oz/684g	Charging Peripherals:	AC wall adapter, Charge/Communication cable, single-bay Home Base, 4 bay Charge Base, battery Quad Charger		
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Co-Located/Operational: Two radios: WLAN/WPAN Physical Operating Temperature: Standard configuration is 14°—122°F / -10°—50°C nominal; -4° (-20°C) with reduced runtime Optional Bluetooth configuration is 32°—104°F / 0°—40°C Construction: Magnesium alloy internal chassis with component shock mounts Engineering-grade polycarbonate outer housing with integrated rubber over-molded handle Structural: 5 ft. (1.5m) multiple drops to concrete, all axis, across operating temperature range; 6ft. (1.8m) with optional rubber boot cover Exceeds 2000 3 ft. (1m) tumbles Environmental: IP64 rated for blown dust/water intrusion Dimensions: Main housing: 7.1 in. Long X 3.3 in. Wide X 1.4 in. Deep (18 cm Long X 8.4 cm Wide X 3.6 cm Deep) Handle: Weight: Approximately 22 oz/684g	WLAN Security:	WEP, WPA Personal/Enterprise, WPA2 Personal/Enterprise, EAP-TLS, TTLS, LEAP, PEAP, Cisco CCX compliant (pending)		
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Optional Bluetooth configuration is 32°—104°F / 0°—40°C Construction: Magnesium alloy internal chassis with component shock mounts Engineering-grade polycarbonate outer housing with integrated rubber over-molded handle Structural: 5 ft. (1.5m) multiple drops to concrete, all axis, across operating temperature range; 6ft. (1.8m) with optional rubber boot cover Exceeds 2000 3 ft. (1m) tumbles Environmental: IP64 rated for blown dust/water intrusion Dimensions: Main housing: 7.1 in. Long X 3.3 in. Wide X 1.4 in. Deep (18 cm Long X 8.4 cm Wide X 3.6 cm Deep) Handle: 4.6 in. Long X 1.6 in. Wide X 1 in. Deep (12 cm Long X 4.1 cm Wide x 2.5 cm Deep) Weight: Approximately 22 oz/684g	Physical			
Construction: Nagnesium alloy internal chassis with component shock mounts Engineering-grade polycarbonate outer housing with integrated rubber over-molded handle Structural: 5 ft. (1.5m) multiple drops to concrete, all axis, across operating temperature range; 6ft. (1.8m) with optional rubber boot cover Exceeds 2000 3 ft. (1m) tumbles Environmental: IP64 rated for blown dust/water intrusion Dimensions: Main housing: 7.1 in. Long X 3.3 in. Wide X 1.4 in. Deep (18 cm Long X 8.4 cm Wide X 3.6 cm Deep) Handle: 4.6 in. Long X 1.6 in. Wide X 1 in. Deep (12 cm Long X 4.1 cm Wide x 2.5 cm Deep) Weight: Approximately 22 oz/684g	Operating Temperature:			
Exceeds 2000 3 ft. (1m) tumbles Environmental: IP64 rated for blown dust/water intrusion Dimensions: Main housing: 7.1 in. Long X 3.3 in. Wide X 1.4 in. Deep (18 cm Long X 8.4 cm Wide X 3.6 cm Deep) Handle: 4.6 in. Long X 1.6 in. Wide X 1.4 in. Deep (12 cm Long X 8.4 cm Wide x 2.5 cm Deep) Weight: Approximately 22 oz/684g	Construction:			
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Handle: 4.6 in. Long X 1.6 in. Wide X 1 in. Deep (12 cm Long X 4.1 cm Wide x 2.5 cm Deep) Weight: Approximately 22 oz/684g Varranty	Environmental:			
Varranty	Dimensions:			
	Weight:	Approximately 22 oz/684g		
Standard: 2 years	Varranty			
	Standard:	2 years		

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