

## Dolphin<sup>®</sup> 7400 RF Mobile Computer with Microsoft<sup>®</sup> Pocket PC



### Features

*Microsoft Pocket PC Platform - Portable convenience with full programming flexibility.*

*Ergonomic Form Factor - Facilitates single-handed wireless data collection.*

*IQ Imaging™ with Advanced Linear Decoding (ALD) - Provides instant point-and-shoot 1D and 2D bar code scanning, captures signatures, and takes pictures.*

*ALR Laser Scanning Option - Provides long-range scanning.*

*Rugged Construction - Operates in harsh environments and withstands rough treatment.*

*Multiple Keyboard Options - Intuitive, optimized layouts for various applications.*

*Cisco<sup>®</sup> 802.11b WLAN Communications with LEAP (Dynamic WEP) - Provides real time, pervasive information access and data transmission security.*

*Terminal Emulation Capability - Compatible with legacy applications.*

*Large 3.8" 1/4 VGA Display with Touch Screen - Backlit display provides easy viewing in most lighting conditions.*

*Compact Flash Card Slot - Provides up to 256 MB of additional memory for data storage.*

*High Capacity 2700 mAh Battery Pack - Ensures long battery operation time with WLAN and scan-intensive applications.*

The Dolphin 7400 RF incorporates a high performance 802.11b direct sequence spread spectrum radio from Cisco Systems for expandable wireless LAN networking. Using the latest spread spectrum technology, the radio provides an Ethernet-like data rate of up to 11 Mbps. The high speed and throughput enables the wireless transfer of bandwidth-intensive data, such as multimedia streams and large data files, within the enterprise.

The Dolphin 7400 RF adds the Microsoft Pocket PC operating system to a modular hand held computer platform and features a choice of keyboards, a large VGA display, a high performance Intel<sup>®</sup> StrongARM™ 206MHz RISC processor, up to 320 MB of memory, and optional touch screen capability.

The Dolphin 7400 RF can be easily programmed with Microsoft<sup>®</sup> eMbedded™ Visual Tools (contains embedded versions of Visual C++<sup>®</sup> and Visual Basic<sup>®</sup>) and HHP's Dolphin 7400 Software Development Kit. Applications for Dolphin 7400 RF mobile computers running the Microsoft.NET Compact Framework may also be developed using Microsoft's Visual Studio<sup>®</sup>.NET. Ample, secure storage for data and applications with the computer's 64 MB RAM and 32 MB Flash memory configuration.

Up to 128-bit Wired Equivalent Privacy (WEP) encryption provides a level of data security equal to traditional wired LANs that meets the security requirements of both small businesses and the enterprise.

The security of wireless networks is greatly enhanced with the use of LEAP (Dynamic WEP) an industry-leading, centralized security solution developed by Cisco. LEAP combines several innovations including dynamic, per user, per-session WEP and integrated network logon to promote secure hassle-free enterprise deployment.

With support for IBM 3270, IBM 5250 and TNVT terminal emulation, Dolphin 7400 RF easily integrates quickly into existing applications.

The Dolphin 7400 RF works with other 802.11b-compliant products to allow network expansion as needed and can be wirelessly connected to other devices, such as printers and PCs.

The Dolphin 7400 RF power management provides for very low power consumption, to deliver a full-shift of battery life so that workers stay on the move longer.

**Upgrade your image.**

# Dolphin 7400 RF Specifications



## System Architecture

<b>Operating System:</b>	Microsoft Pocket PC 2002 Professional Edition
<b>Application Development:</b>	Windows architecture programmable with Microsoft eMbedded Visual Tools (contains embedded versions of Visual C++ and Visual Basic). RF connectivity software for Local Area Networks systems, terminal emulation and Wireless Wide Area Networks
<b>CPU:</b>	Intel StrongARM RISC Processor, 206 MHz
<b>Memory:</b>	64 MB RAM, 32MB non-volatile FLASH, optional integrated internal compact FLASH card available with 64 MB, 128 MB, 256 MB of memory
<b>Calendar/Clock:</b>	Crystal controlled
<b>Network Information:</b>	LAN RF Version Cisco 2.4GHz frequency within IEEE 802.11b industry standards, up to 11 Mbps throughput

## Data Inputs and Outputs

<b>Image Engine Options:</b>	LX: red or green aimer option scans from 2.0 to 15.0 in. (5.1 to 38.1 cm) LR: red or green aimer option scans from 1.9 to 9.4 in (4.8 to 23.9 cm) HD: red or green aimer scans from 1.6 to 3.9 in (4.1 to 9.9 cm) Non-scan option also available
<b>1D Symbologies Read:</b>	Code 3 of 9, Interleaved 2 or 5, EAN, Codabar, Code 128, Plessey, Code 11, Code 93, UPC, RSS
<b>2D Symbologies Read:</b>	PDF417, MaxiCode, Data Matrix, QR, RSS Composite, EAN.UCC, Aztec, OCR
<b>Long Range Scanning:</b>	ALR scanner option, 1D only; scans from 2.75 - 30 ft. (0.83 - 9.1 m) depending on bar code mil size
<b>Keyboard:</b>	Choice of 35-, 43-, or 56-keys, all backlit
<b>Display:</b>	3.8" ¼ VGA (240 x 320 portrait mode), EL backlit, touch screen
<b>I/O Ports:</b>	RS-232, IrDA
<b>Power:</b>	2700 mAh NiMH battery
<b>Status Indicator Lights:</b>	Decode/good scan LEDs

## Physical Specifications

<b>Dimensions:</b>	10.2"L x 3.45"W x 1.9"D at display (24.53 x 8.9 x 4.8 cm), 2.7" W x 1.6 "D at grip (6.9 x 4.0cm)
<b>Weight:</b>	25 oz (709 g)
<b>Materials:</b>	Magnesium-alloy top housing and Polycarbonate ABS blend bottom housing
<b>Impact Resistance:</b>	Survives multiple 5 ft. (1.5 m) drops to concrete
<b>Environmental Sealing:</b>	Independently certified to meet IP-64 standards for moisture and particle resistance
<b>Operating Temperature:</b>	14 to 122° F (-10 to 50° C)
<b>Storage Temperature:</b>	-22 to 176°F (-30 to 80°C)
<b>Humidity:</b>	95% humidity non-condensing

## Electrical Static

<b>Discharge:</b>	15KV on all surfaces
<b>Agency Approvals:</b>	FCC Class B, CE, EN60950, R&TTE Directive



## Peripherals and Accessories

<b>IntelliBase™ Cradle:</b>	Provides charging power to terminal while operational. Data transfer via infrared. Choose 120 V or 240 V AC power.
<b>Mobile IntelliBase™ Cradle:</b>	Provides charging power to terminal while operational. Data transfer via infrared com port. Uses 12vDC or 48 vDC power
<b>QuadCharger™</b>	Simultaneously conditions and charges 1-4 batteries
<b>Communication and Charging Cables:</b>	Serial/charge cable; printer cables
<b>Functional Case:</b>	Slip-on style cover with belt clip
<b>Holster:</b>	Drop-in terminal holster, can be worn by user

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