

## **Dolphin® 7400**

### **Mobile Computer**

**with Microsoft® 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 & 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.*

*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 scan-intensive applications.*

*Selection of Peripherals and Accessories - Including desktop & vehicle charging/communication cradles, multiple battery chargers and holsters.*

Step into the next generation of portable data collection with the Dolphin® 7400 mobile computer. The 7400 adds the Microsoft® Pocket PC operating system to a modular hand held computer platform that features three choices of keypads, a large VGA display, a high performance Intel® StrongARM™ 206MHz RISC processor and, up to 320 MB of memory and optional touch screen capability.

The Dolphin 7400 provides ample, secure storage for data and applications with its 64 MB RAM and 32 MB FLASH memory configuration. Up to 256 MB additional memory for data storage is available with an optional integrated compact flash card. The terminal can easily be programmed with Microsoft® eMbedded™ Visual Tools (contains embedded versions of Visual C++® and Visual Basic®) and HHP's Dolphin 7400 Software Development Kit. Applications for Dolphin 7400 mobile computers running the Microsoft.NET Compact Framework may also be developed using Microsoft's Visual Studio®.NET .

Weighing 22.5 oz. (638 gm), the Dolphin 7400 has a rugged design that takes multiple 5-foot (1.5m) drops to concrete and provides a single-handed use design. The terminal's sealed case resists water and dust. The Dolphin 7400 also provides a secure, ergonomic hand-shaped grip with an integrated elastic hand strap. The 7400 meets varying needs in challenging environments of transportation, logistics, warehousing, delivery and route sales.

Available with a choice of three integrated imager options, the Dolphin 7400 reads 1D and 2D symbologies (PDF417, MaxiCode, QR Code and Data Matrix) and lets you record GIF and JPEG images of shipping manifests, recipient signatures, and damaged cartons. An optional ALR laser scanner is also available for extended range scanning applications prevalent in Warehousing and Distribution Centers.

The 7400 computer uses IQ Imaging, a suite of features unique to matrix imaging technology that includes enhanced signature capture, improved picture taking and superior data capture.

**Upgrade your image.**



## 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®).
<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

## 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>	9.6"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>	22.5 oz (638 g) batch base model
<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 12 vDC 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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