Dolphin® 7300 RF
Mobile Computer

Features

Microsoft® Windows® CE Platform – Portable convenience with full programming flexibility using Microsoft ® eMbedded™ Visual Tools including CE versions of Visual C++, Visual Basic, and SQL Server CE database.

Integrated Intel® IEEE 802.11b WLAN communications – Provides real time, pervasive information access.

IQ Imaging™ with Advanced Linear Decoding (ALD) – Provides instant decoding of 1D & 2D bar codes, captures signatures, and takes pictures.

Superior Ergonomics – Compact size with secure handgrip and integrated hand strap for enhanced user comfort. Keyboard designs facilitate left or right hand use.

Multiple Keyboard Options – Intuitive, optimized layouts for various ADC applications.

Rugged IP-64 Construction – Operates in harsh environments and withstands rough treatment.

Terminal Emulation Support – Compatible with legacy applications and systems.

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

1/8 VGA Monochrome Display with Touch Screen Option – High-contrast, backlit display provides easy application viewing in most lighting conditions.

The Dolphin® 7300 RF portable data terminal is the latest addition to the HHP Dolphin family of mobile computers. Its ergonomically friendly design, robust construction, and integrated 802.11b wireless communications make it ideally suited for today's most demanding mobile workforce environments.

Featuring the Windows CE 3.0 operating system powered by an Intel StrongARM 206 MHz processor, the Dolphin 7300 RF provides a powerful and versatile mobile computing platform. The open system architecture facilitates rapid application development and deployment using Microsoft eMbedded Visual Tools and SQL Server CE database. Support for IBM 3270, IBM 5250, and TNVT terminal emulation is also provided, allowing the Dolphin 7300 RF to be easily integrated into existing legacy systems.

Equipped with an integrated area imager, the Dolphin 7300 RF provides multi-functional data capture capabilities that far exceed traditional laser based terminals. Using Advanced Linear Decoding (ALD), the 7300 RF provides laser-like scanning performance on 1D bar codes and industry best decoding performance on PDF417 bar codes. In full area imaging mode, the 7300 RF reads most 2D bar code symbologies, performs signature capture, reads OCR fonts, and takes black and white photos. This level of flexibility and performance lends true value to virtually all ADC applications, allowing enterprises to incorporate new forms of data capture both today and well into the future.

Using an integrated 802.11b compact flash radio, the 7300 RF provides real time wireless communications, enabling mobile workers to capture, process, and deliver data where and when it's needed throughout the WLAN enterprise. Prolonged terminal operation is ensured by the rechargeable 2700 mAh NiMH battery, which provides up to eight hours of continuous use in a WLAN environment between charges.

The Dolphin 7300 RF is equally tough as it is sophisticated, designed to meet IP-64 standards for moisture and particle resistance and capable of withstanding repeated five-foot drops (1.5 meters) to concrete, fulfilling the needs of most industrial environments.

To learn how the Dolphin 7300 RF can work for you, contact us at any of the locations listed on the back or visit us at **www.hhp.com**.

Upgrade your image.

Dolphin® 7300 RF Specifications

Microsoft Windows Embedded Partner

System Architecture

Operating System and Software:	Microsoft® Windows® CE 3.0 Windows® architecture programmable with Microsoft® embedded™ Visual Tools (contains CE version of Visual C++® and Visual Basic®).
CPU:	Intel® StrongArm® RISC Processor, 206 MHz
Memory:	32 MB RAM, 32 non-volatile FLASH
Calendar/Clock:	Crystal controlled
Wireless Local Area Network:	2.4GHz IEEE 802.11b industry standard

Data Inputs

Image Engine Options:	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
1D Symbologies Read:	Code 3 of 9, Interleaved 2 or 5, EAN, Codabar, Code 128, Plessey, Code 11, Code 93, UPC, RSS
2D Symbologies Read:	PDF417, MaxiCode, Data Matrix, QR, RSS Composite, EAN.UCC, Aztec, OCR
OCR Fonts:	OCR-A, OCR-B
Keyboard:	Three backlit keyboard options: 43-key alpha/numeric 35-key numeric/alpha 56-key full alpha/numeric keypad

Data Outputs

Display:	240 X 160 1/8 video graphics array (VGA) display screen Electroluminescent backlight Non-touch industrial protective lens or touch screen display options available
I/O Ports:	RS-232, IrDA
Power:	2700 mAh NiMH Battery
Status Indicator Lights:	Decode/good scan

Structural

Dimensions:	8.1'L' (20.5cm) x 3.45"W (8.76cm) x 1.9"D (4.86cm) at display, 2.7"W (6.85 cm) x 1.6D at grip (40.6 cm)
Weight:	20 oz. (567g)
Material:	Magnesium alloy top housing / Polycarbonate ABS blend bottom housing

Environmental

Temperature **Operational:** **Storage:** **Humidity:**	 14 to 122°F (-10 to 50°C) -22 to 176°F (-30 to 80°C) 95% humidity non-condensing
Electrical Static Discharge:	15KV on all surfaces
Structural:	Survives multiple 5 ft. (1.5m) drops to concrete; Designed to meet IP-64 standards for moisture & particle resistance.
Agency:	FCC Class B, CE

Peripherals and Accessories

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

FC Tested to Comply With FCC Standards

Switzerland • OPAL Associates AG •Motorenstrasse 116 • CH-8620 Wetzikon • Telefon +41 (0)1 931 12 22 • Telefax +41 (0)1 931 12 20 • Email info@opal-holding.com • URL http://www.opal.ch/ • **OPAL Associates SA** • Avenue des Boveresses 54 • Case postale 29 • CH 1000 Lausanne 21 • Telefon +41 (0)21 653 95 00 • Telefax +41 (0)21 653 95 02 • Email info@opal-holding.com • URL http://www.opalsa.ch/ •
Germany • OPAL Associates GmbH • Lohnerhofstrasse 2 • D-78467 Konstanz Telefon • +49 (0)7531 813 000 • Telefax +49 (0)7531 813 00 99 • Email info@opal-holding.com • URL http://www.opalgmbh.de/ • **OPAL Associates GmbH** • Osterholder Allee 2 • 25421 Pinneberg • Telefon +49 (0)4101 787 615 • Telefax +49(0)4101 787 616 • Email info@opal-holding.com • **OPAL Solutions GmbH** • Wilhelmstr. 22 • 52428 Jülich • Telefon +49 (0)2461 936 770 • Telefax +49(0)2461 936 771 • Email info@opal-holding.com • URL http://www.opal-solutions.de/ •
Austria • OPAL Associates GesmbH • Vorarlberger Wirtschaftspark • A-6840 Götzis • Telefon +43 (0) 5523 58833 • Telefax +43 (0)5523 521569 • Email info@opal-holding.com • URL http://www.opalgmbh.at/

802117300/SS Rev A 9/02