

Dolphin® 7400 Mobile Computer

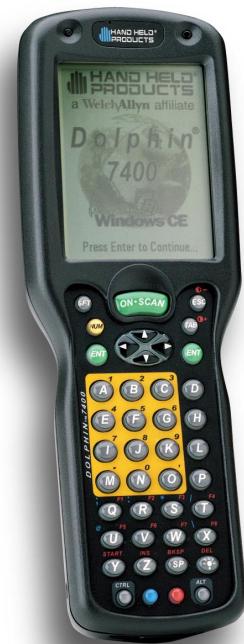
Step into the next generation of portable data collection with the Dolphin® 7400 mobile computer. The 7400 adds a Microsoft® Windows® CE operating system to a modular hand held computer platform that features three choices of keypads, a large VGA display, a high performance Intel® StrongARM™ 206MHz RISC 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 32 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, which contains CE versions of Visual C++® and Visual Basic®.

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.



Features & Benefits

Patented Ergonomic Design

Modular Platform

User-Friendly Windows® CE Architecture

Easily programmable with Microsoft® eMbedded™ Visual Tools which contains CE versions of Visual C++® and Visual Basic®

Three Imager Options

Optional ALR Laser Scan Engine

Optional Integrated 56K Modem

Reads All Popular Bar Codes

1D and 2D symbologies (such as PDF417, MaxiCode, Data Matrix, Vericode) or records digital photos of signatures, damage claims and more in compressed GIF (black and white) or JPEG (gray scale) files. From 2 to 7 Kb.

Large 240 x 320 Pixel 1/4 VGA Display

With electroluminescent backlight, display is easy to view and see in most lighting conditions. Touch-screen option available.

Selection of Peripherals and Accessories

Including desk-top and vehicle charging and communication cradles, multiple battery chargers and holsters.

Industry Standard RS-232 Interface

IrDA Infrared Data Communications Port

For reliable wireless IR communications without mechanical connections to HomeBase™, IntelliBase+™, Mobile IntelliBase™, or other IrDA-supported devices, like printers.

Dolphin® 7400

System Architecture

Operating System:	Microsoft® Windows® CE
Application Development:	Windows architecture programmable with Microsoft® eMbedded™ Visual Tools (contains CE versions of Visual C++® and Visual Basic®)
CPU:	Intel® StrongARM™ RISC Processor, 206 MHz
Memory:	32 MB RAM, 32MB non-volatile FLASH, optional integrated internal compact FLASH card available with 64 MB, 128 MB, 256 MB of memory
Calendar/Clock:	Crystal controlled

Data Inputs

Image Engine Options:	LX: scans from 2.0 to 15.0 in. (5.1 to 38.1 cm) LR: scans from 1.9 to 9.4 in (4.8 to 23.9 cm) HD: scans from 1.6 to 3.9 in (4.1 to 9.9 cm) Non-scan option also available
Scan Engine Options:	ALR scanner option, 1D only; scans from 2.75 - 30 ft. (0.83 - 9.1 m) depending on bar code mil size
2D Symbologies Read:	PDF417, MaxiCode, Data Matrix, Vericode, RSS, EAN.UCC, AZTEC, OCR
1D Symbologies Read:	Code 3 of 9, Interleaved 2 of 5, EAN, Codabar, Code 128, Plessey, Code 11, Code 93, UPC, Code 39, UPC/EAN, MSI
Keyboard:	Three keyboard options: 43-key alpha/numeric 35-key numeric/alpha 56-key full alphanumeric keypad

Data Outputs

Display:	240 X 320 ¼ 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
Optional Modem:	Low Power, High Speed, V.90 56K Fax/Modem
Power:	2700 mAh NiMH battery
Status Indicator Lights:	Decode/good scan

Structural

Dimensions:	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)
Weight:	22.5 oz (638 g) batch base model
Material:	Magnesium-alloy top housing and Polycarbonate ABS blend bottom housing; withstands multiple 5 ft. (1.5 m) drops to concrete.

Environmental

Temperature	
Operating:	14 to 122°F (-10 to 50°C)
Storage:	-22 to 176°F (-30 to 80°C)
Humidity:	95% humidity non-condensing
Electrical Static Discharge:	15KV on all surfaces
Structural:	Survives multiple 5 ft. (1.5m) drops to concrete; Independently certified to meet IP-64 standards for moisture & particle resistance.
Agency:	FCC Class B, CE
HomeBase® :	Provides charging power to terminal while operational. Data transfer via infrared COM port. Choose 120 V or 240 V AC power adapters.
Mobile IntelliBase® :	Provides charging power to terminal while operational. Data transfer via infrared COM port. Uses 12vDC - 48vDC power.

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