Dolphin® 7300
Mobile Computer

Features

Powered by Windows® CE - Dolphin 7300 can be easily programmed with Microsoft® eMbedded™ Visual Tools that contain CE versions of Visual C++® and Visual Basic®.

StrongARM® 206MHz Architecture-Powered by Windows® CE - Dolphin 7300 can be easily programmed with Microsoft® eMbedded™ Visual Tools that contain CE versions of Visual C++® and Visual Basic®.

StrongARM® 206MHz Architecture - Leadership performance with Intel® StrongArm® 206MHz RISC processor that runs 10x faster than 486 class processors, operates Windows® CE and captures image-based data quickly and accurately.

IQ Imaging™ - Increased productivity when reading all major linear, stacked linear (PDF417), and matrix bar code symbologies, OCR fonts, and performing image capture.

Superior Ergonomics - Secure hand-shaped grip with integrated, elastic hand strap enhances user comfort. Central "scan" and "enter" buttons enable use with left or right hand.

Reads all Popular 1D & 2D Symbologies - 1D and 2D symbologies (e.g., PDF417, MaxiCode, Data Matrix) or records digital photos of signatures, damage claims and more in compressed GIF (black and white) or JPEG (gray scale) files.

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

IrDA Infrared Data Communications Port - Reliable wireless IR communications without mechanical connections to HomeBase™, IntelliBase™, Mobile IntelliBase™, or other IrDA devices, such as external printers.

The Dolphin® 7300 is a compact hand held computer that delivers performance and power for today's most demanding mobile workforce environments.

Windows® CE powers the Dolphin 7300 and provides application versatility and expandability. This operating system allows customers to use open systems architecture, enabling developers to write applications using Microsoft® eMbedded™ Visual Tools. The environment allows for rapid application development and implementation for a faster return on investment.

The Intel® StrongARM® processor delivers powerful performance in a small form factor with low power consumption. This enables mobile workers to use demanding applications for decision support in the field, making the Dolphin 7300 an ideal extension of the enterprise management system.

The Dolphin 7300 is well-suited for route accounting, package delivery, and field service applications in the transportation industry where vehicles are equipped with on-board wide area wireless radios. Its small size, light weight, and advanced input and communication capabilities make the Dolphin 7300 the perfect tool for in-transit applications.

HHP, known for developing tough, rugged products, strengthens its reputation with the introduction of the Dolphin 7300. This device is designed to endure the most demanding workforce environments: heat, cold, dust, weather…you name it. In fact, the Dolphin 7300 terminal's casing withstands multiple five-foot drops to concrete and is designed to meet IP-64 standards for moisture and particle resistance.

Upgrade your image.

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:	Inte® StrongArm® RISC Processor, 206 MHz
Memory:	32 MB RAM, 32 non-volatile FLASH
Calendar/Clock:	Crystal controlled

Data Inputs

Image Engine Ranges:	LX: scans from 2.0 to 15.0 in. (5.1 – 38.1 cm) LR: scans from 1.9 to 9.4 in. (4.8 – 23.9 cm) HD: scans from 1.6 to 3.9 in. (4.1 – 9.9 cm) Non-scan option also available
2D Symbologies Read:	PDF417, MaxiCode, Data Matrix, RSS, EAN•UCC Composite Symbology, AZTEC
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
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
HomeBase®:	Provides charging power to terminal while operational. Data transfer via infrared COM port. Choose 120 V or 240 VAC 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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