Dolphin® 7200
Batch Hand Held Computer

Features

Dolphin Patented Ergonomic Design - Compact shape allows single-handed data collection and fits either hand.

DOS-Compatible 386 Architecture - Applications can be created using 16-bit Microsoft Visual C++ or Borland C/C++.

Easy-to-Read Display - Backlit, bitmap graphic display provides a range of font sizes, up to 8-line x 20 characters. Ninth line is software-controllable.

2MB RAM with 8MB FLASH Memory - Large data files and programs can be stored in secure, non-volatile memory. FLASH memory can be expanded to 16MB.

Low Power Consumption - Increased productivity. The terminal is powered for an entire work shift no matter how intensive.

Reliable, Rugged Design (IP64) - Survives 5-foot drops to concrete. Operates in harsh environments and withstands rough treatment.

Optical IR Port - Enables wireless communications with peripherals such as IrDA-compliant portable printers.

Upgradable to RF* - Grows as the needs of your operations change

* Conditions apply. Contact our Customer Service Department

The patented ergonomic design of Dolphin® 7200 computer enables single-handed operation with the right or left hand. This pocketsize, 12 oz. (340 gm) handheld computer is rugged and reliably built for use in the harshest industrial environment. With its DOS PC architecture, upgradable memory and data collection options, the Dolphin family of handheld computers is “the new standard in portable data collection.”

The DOS compatible 386 microprocessor is easy to program. Custom applications can be created in a Windows™ environment with Microsoft® 16-bit Visual C++® or Borland® C/C++.

The terminal’s large, easy-to-read display is back-lighted for easy reading in dark areas. Keyboard options for the Dolphin® 7200 include a 36-key alphanumeric or a 20-key numeric that both have coated keys to prevent numbers from wearing off. Three integrated laser options also are available -- standard range, long-range, or high-definition.

The Dolphin® 7200 terminal is part of a data collection system that includes peripherals designed for vehicle, desktop and hub operations.
Dolphin® 7200 Specifications

Operating System and Software
Operating System: GS-DOS.
Application Development: DOS architecture programmable with standard x86 development tools, Borland® and Microsoft® C/C++ libraries provided for non-PC standard functions (laser engine support, communication & power management).
CPU: AMD ELAN SC310 386SX microprocessor. CMOS technology (low power). Up to 20MHz (Auto-speed).
Memory: 2MB RAM, 8MB FLASH
Real Time Clock: Accurate, crystal-controlled real time clock/calendar. Application software controllable time/date stamping.

Data Inputs
Laser Engine Options: Standard: Scans 2 to 36 in. (5 to 91cm) in high ambient light
Long-Range: Scans up to 15 ft. (4.6m) with reflective labels
High-Definition: Scans small bar codes >2 mil.
No laser engine
Alphanumeric Keypad: 36 keys, four (4) user-definable function keys
CLR, SPC, BKSP, SHIFT, ENTER, LIGHT, NUMLOCK, ESC
Special Characters: + # / @ + & = . : ;
Numeric Keypad: 20 keys with shifted alpha keys, four (4) user-definable function keys
SP, BKSP, SHIFT, ENTER, LIGHT, CONTR, ESC
Splash-resistant, one-piece module. Special Characters: % $ ? \ : > , + - / =

Data Outputs
LCD: 8 lines of 20 characters per line; 9th line software-controllable for status. 119 x 73 graphics pixels. Alpha-Numeric, scrollable. Application software controllable pixel graphics: 6 x 8 pixel matrix. Electroluminescent Backlight.
Indicator Lights: Red light on during “Laser Scanning”. Green light blinks for “Successful bar code decode”.
Audible Horn: Application software controllable speaker
Data Upload/Download: IrDA-compliant Infrared Transceiver
Power: One 3.6V 3 cell battery pack, 2.2 x 1.8 x .08 in. (5.6 x 4.6 x 2cm)
NiMH (1500mAh) gives Dolphin < 21 hours typical usage
Internal NiMH back-up battery retains memory & clock for < 30 minutes
Low-battery detection & automatic shut-off with battery voltage levels readable by application software

Structural
Size: 6.85 x 2.63 x 2.25 in. (17.0 x 7.0 x 5.7 cm)
Weight: 12 oz. (340gm)
Case: Polycarbonate ABS Blend
Structural Integrity: Multiple 5 ft. (1.5m) drops to concrete; Independently certified to meet IP-64 standards for moisture & particle resistance.

Environmental
Temperature
Operating: 14 to 122°F (-10 to 50°C)
Storage: -4 to 158°F (-20 to 70°C)
Humidity: Operates in up to 95% non-condensing humidity
Electrical Static Discharge: 15KV on all surfaces
Fire Retardant Rating: UL 94-VO
Agency: FCC Class A, CE Mark

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Worldwide Offices
Offices Serving North America
Skaneateles Falls, NY
Tel: +1 315 685 6945
or, in North America: +1 800 782 4263
sales@hhp.com
Charlotte, NC
Tel: +1 704 988 3998
or, in North America: +1 800 782 4263
sales@hhp.com
Offices Serving Europe, Middle East, and Africa
Europe
Tel: +31 (0) 40 29 01 600
euro_sales@hhp.com
United Kingdom
Tel: +44 (0) 1 925 240055
euro_sales@hhp.com
Ireland
Tel: +353 (0) 902 44007
euro_sales@hhp.com

France
Tel: +33 (0) 1 461 04111
euro_sales@hhp.com
Germany
Tel: +49 (0) 7 477 151377
euro_sales@hhp.com
Spain
Tel: +34 93 228 76 68
euro_sales@hhp.com

Offices Serving Asia and the Pacific Rim
Hong Kong
Tel: +852 2511 3502/2511 3132
asia_sales@hhp.com
Japan
Tel: +813 5212 7392
asia_sales@hhp.com

Offices Serving Latin America
Naples, Florida
Tel: +1 239 263 7600
la-sales@hhp.com
São Paulo
Tel: +55 11 5016 3454
la-sales@hhp.com
Rio De Janeiro
Tel: +55 21 2494 7060
la-sales@hhp.com

Web Site Address www.hhp.com
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7200BATCH/SS Rev B