

Dolphin® 7200 Handheld Computer

The patented ergonomic design of Dolphin® 7200 computer enables single-handed operation with the right or left hand. This pocket-size, 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 on a host PC, using Batch Simplicity™ with Microsoft® 16-bit Visual C++® or Borland® 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.

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



Features & Benefits

Single-Handed Data Collection

Large, Easy-to-read Display

DOS Compatible 386 Architecture

Two Keyboard Options

Easy Programming

Rugged and Reliable Design

Long Battery Life

Expand to 12 MB Combined Memory

Four Laser Engine Options

Peripherals and Accessories

Two-Dimensional Decoder Available

Upgradeable to Wireless*

Operating System and Software

- Operating System:** GS-DOS. 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 of RAM for program execution. 256KB Executable FLASH EEPROM for bootstrap loader, BIOS, common routines. 2MB Data Storage FLASH EEPROM expandable to 4, 8 or 10 MB.
- 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)
Long-Range: Scans up to 15 ft. (4.6m) with reflective labels
High-Density: Scans small bar codes >2 mil.
High-Visibility: Scans in high ambient light
No laser engine
- Bar Code Symbol Types:** Code 3 of 9, Interleaved 2 of 5, EAN, Codabar, Code 128, Plessey, Code 11, Code 93, UPC
- 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 4.6x 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

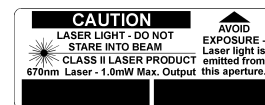
Structural

- 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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