

# WLIF Compliant Dolphin RF™ 7200 Specifications



## General

<b>Frequency:</b>	2.4 to 2.4835 GHz
<b>Output Power:</b>	100mW (+20 dBm)
<b>Data Rate:</b>	1.6 Mbps per channel in high-speed mode, 800 Kbps in back-off mode
<b>Modulation:</b>	4FSK (BFSK in back off mode)

## Network Information

<b>Drivers Available:</b>	ODI supports major network O/Ss
<b>Software:</b>	Standard TCP/IP Stack and software development kit
<b>Terminal Emulation:</b>	IBM3270, 5250 and DEC VT220

## Operating System and Software

<b>Operating System:</b>	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).
<b>CPU:</b>	AMD ELAN SC310 386SX microprocessor. CMOS technology (low power). Up to 20MHz (Auto-speed).
<b>Memory:</b>	2MB RAM, 8MB FLASH
<b>Real Time Clock:</b>	Accurate, crystal-controlled real time clock/calendar. Application software controllable time/date stamping.

## Data Inputs

<b>Laser Engine Options:</b>	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-Density: Scans small bar codes >2 mil. No laser engine
<b>Bar Code Symbol Types:</b>	Code 3 of 9, Interleaved 2 of 5, EAN, Codabar, Code 128, Plessey, Code 11, Code 93, UPC
<b>Alphanumeric Keypad:</b>	36 keys, four (4) user-definable function keys CLR, SPC, BKSP, SHIFT, ENTER, LIGHT, NUMLOCK, ESC Special Characters: • # / @ + & = . - \$ % ! \ :
<b>Numeric Keypad:</b>	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

<b>LCD:</b>	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.
<b>Indicator Lights:</b>	Red light on during "Laser Scanning". Green light blinks for "Successful bar code decode".
<b>Audible Horn:</b>	Application software controllable speaker
<b>Data Upload/Download:</b>	IrDA-compliant Infrared Transceiver
<b>Power:</b>	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 RF < 10 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

<b>Size:</b>	6.85 x 2.63 x 2.25 in. (17.0 x 7.0 x 5.7 cm)
<b>Weight:</b>	14.5 oz. (411 gm)
<b>Case:</b>	Polycarbonate ABS Blend
<b>Structural Integrity:</b>	Multiple 5 ft. (1.5m) drops to concrete; Designed to meet IP-64 standards for moisture & particle resistance.

## Environmental

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

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