

## Dolphin® 9500 Series Mobile Base™ Charging/Communications Cradle



### Features

*Optimized for mobile-based applications*

*Intelligent battery charging that charges the Dolphin main battery (of a seated terminal)*

*Powered by 12 to 48 DC Volts to facilitate both in-vehicle use (with an optional cigarette lighter adapter) and a direct connection cable*

*Rugged ergonomic design withstands harsh treatment and secures the terminal in mobile environments*

*Communicates via RS-232 serial port to interface with portable printers and peripherals*

*Easy and secure mounting for mobile environments*

*Operates in extreme environments, from 14° to 122°F (-20 to 50°C), and is CE approved*

*Expands mobile capabilities to migrate from "batch" to wireless*

*Status LEDs show communication and docked status*

The Dolphin Mobile Base is a compact, secure holder for Dolphin 9500 Series mobile computers. The rugged, ergonomic design protects the terminal from high-vibration environments and is designed to meet the SAE J1455 standard for vibration tolerance.

The front housing enables easy terminal insertion and removal while still giving full access to the keyboard. The unique spring-arm with dual locking levers holds the Dolphin terminal securely in place, stabilizing it to withstand shock-filled environments.

Two mounting options enable you to adapt the Mobile Base to your working environment: a clamp style for in-premise applications and a standard RAM mount for in-transit applications.

Able to receive power from a 12 to 48 Volt DC source, the Mobile Base easily adapts to varied working environments. Combined with the intelligent battery charging system incorporated in Dolphin terminals, the Mobile Base can fully charge the installed battery while the terminal is in use.

RS-232 communication enables you to connect a seated Dolphin terminal and supports 5 Volts out to peripheral devices, including tethered scanners, printers, and wireless wide area network-enabled peripherals such as mobile phones and in-vehicle WAN radios.

The LEDs on the front panel enable quick monitoring. The DOCK LED indicates when the Dolphin terminal is properly seated. The COMM LED displays the status of communication between the seated Dolphin terminal and its host.

To learn how the Dolphin 9500 Series MobileBase can work for you, contact us at any of the locations listed on the back or visit us at [www.handheld.com](http://www.handheld.com).

# Dolphin 9500 Series Mobile Base Specifications

## Structural

<b>Dimensions:</b>	6.8" high X 4.4" wide X 2.7" deep (17.3 cm X 11.2 cm X 6.9 cm)
<b>Weight:</b>	15.0 oz (425g)
<b>Material:</b>	Polycarbonate ABS blend
<b>Color:</b>	Blue/Gray

## Environmental

<b>Operating Temperature:</b>	14 to 122°F (-10°C to 50°C)
<b>Storage Temperature:</b>	-4° to 158°F (-20° to 70°C)
<b>ESD:</b>	8 KVA
<b>Humidity:</b>	90% relative humidity (non-condensing)
<b>Shock and Vibration:</b>	Designed to meet SAE Standard J1455 (Sections 4.9 & 4.10)

## Communication

<b>Interface:</b>	RS-232 Interface from Mobile Base to any standard RS-232 device; supports 5 Volts power out
<b>Data Communication Port:</b>	RS-232 serial interface female Connecting Cable Required: DB9 male
<b>Data Upload/Download:</b>	RS-232 Port Data Communications: up to 115K baud
<b>COMM LED:</b>	<b>Red</b> Data is being sent from the Host Device to the Dolphin Mobile Base <b>Green</b> Data is being sent from the Dolphin Mobile Base to the Host Device <b>Orange</b> Data is being sent at high data rates
<b>DOCK LED:</b>	<b>Solid Green</b> Dolphin terminal is properly seated in Mobile Base

## Power

<b>Power Inputs:</b>	12-48 Vdc @3A (max)
<b>Recharging Rate:</b>	4 hours for standard Lithium Ion battery
<b>Power Options:</b>	Cigarette lighter adapter for 12 Volt DC systems or direct connect cable for 12 to 48 Volt DC systems.

## Agency Approvals

<b>Charging:</b>	CE Marking (EMC)
<b>Fire Retardant:</b>	UL 94-VO
European E-Mark	
C-Tick	
FCC	

Dolphin, Mobile Base is a registered trademark of Hand Held Products.

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