Dolphin® 7900 Series Mobile Base™
Charging/Communications Cradle

HandHeld PRODUCTS

Features

Optimized for Mobile Applications

Intelligent Battery Charging – Charges the main battery of a seated Dolphin terminal.

Powered by 12 to 48 DC Volts – Facilitates both in-vehicle use with an optional cigarette lighter adapter and a direct connection cable.

Ergonomic Design – Withstands harsh treatment and secures the terminal in mobile environments.

RS-232 Communication – Interfaces with portable printers and peripherals.

Easy and Secure Mounting for Mobile Environments

Rugged Construction – 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 Docking and Communication LEDs

The Dolphin Mobile Base is a compact, secure holder for Dolphin 7900 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 with 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 to 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 7900 Mobile Base can work for you, contact us at any of the locations listed on the back or visit us at **www.handheld.com**.

Dolphin 7900 Mobile Base **Specifications**

Structural

Dimensions:	9.8" high X 4.9" wide X 2.7" deep (24.9 X 12.4 X 6.9 cm)
Weight:	15.5 oz (439g)
Material:	Case: Polycarbonate ABS blend Color: Blue/Gray
Mounting:	Use the mounting bracket included in kit

Environmental

Operating Temperature:	14 to 122°F (-10°C to 50°C)
Storage Temperature:	-4° to 158°F (-20° to 70°C)
Electrical Static Discharge:	8 KVA immunity on all surfaces
Humidity:	90% relative humidity (non-condensing)
Shock and Vibration:	Designed to meet SAE Standard J1455 (Sections 4.9 & 4.10)

Power Supply

Inputs (Universal):	12-48 Volts DC, 3 A (max)
Cable Options:	Cigarette lighter adapter for 12 Volt DC systems or direct connect cable for 12 to 48 Volt DC systems.

Charging

Standard Charge:	Completes 100% charge in four hours or less
DOCK LED:	**Green** Dolphin terminal is properly seated in the Dolphin Mobile Base

Communication

Interface:	RS-232 interface from Dolphin Mobile Base to any standard RS-232 device; supports 5 Volts power out
Data Communication Port:	RS-232 serial interface female; DB9 male connecting cable required
Data Upload/Download:	RS-232 port data communications up to 115K baud
COMM LED:	**Red** Data is being sent from the host device to the Dolphin Mobile Base **Green** Data is being sent from the Dolphin Mobile Base to the host device **Orange** Data is being sent at high data rates

Agency Approvals

Power Supply:	UL listed, TUV licensed
Charging:	CE Marking (EMC)
Fire Retardant:	UL 94-VO
FCC	
European E-Mark	
C-Tick	

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