

Dolphin® 9500 Series HomeBase™

Communications/Charging Cradle



Features

- **Direct communication** with a USB-compatible host computer or RS-232 port
- **Intelligent battery charging** that charges the Dolphin main battery (of a seated terminal) in less than four hours
- **Auxiliary battery well** charges a spare battery in less than four hours
- **Easy installation** that adapts to most working environments
- **Status LEDs** indicate charging and communication status of the seated terminal as well as the spare battery
- **Rugged ergonomic design**

Overview

The Dolphin HomeBase is a compact charging and communication cradle that seats one Dolphin 9500 Series mobile computer and provides a safe, convenient storage holder for a Dolphin terminal when not in use.

This ergonomic cradle supports both USB (12 Mbps) and RS-232 (up to 115 Kbps) communications, making it easy to integrate into the majority of PC-based enterprise systems. Its high-speed, direct USB connection is well-suited for batch applications that involve collecting both larger quantities and multiple types of data, such as 1D and 2D bar codes and images, that use more sophisticated, larger applications and databases.

The HomeBase powers a seated terminal while simultaneously charging its installed battery in less than four hours. The intelligent battery charging system incorporated into the terminal prevents over- or undercharging. The auxiliary battery well behind the terminal well fully charges a spare battery to be on-hand for power-intensive applications.

Like all Dolphin products, the HomeBase is ruggedized to withstand the harshest of environments yet sleek enough to be easy to handle. DIN rail slides along the bottom panel enable secure mounting to a desktop/bench while an available mounting bracket (ordered separately) enable secure wall-mounting.

Both communications and charging status are easily monitored using the LEDs on the front panel. The DOCK LED indicates when the Dolphin terminal is properly seated in the HomeBase. The COMM LED displays the status of communication between the seated Dolphin terminal and its host. The AUX BATTERY LED indicates the charging status of the spare battery.

Dolphin 9500 Series HomeBase Specifications

Structural

Dimensions (H x W x D): 4.0 in. x 5.5 in. x 6.3 in. (10.2cm x 14.0cm x 16.0cm)

Weight: 26.6 oz. (754g)

Material: Case: Polycarbonate ABS blend
Color: Gray
DIN rail slides for desktop or rail mount

Wall Mount Kit: Ordered separately

Environmental

Operating Temperature: 14° to 122°F (-10° to 50°C)

Storage Temperature: -4° to 158°F (-20° to 70°C)

ESD: 8 KVA

Humidity: 90% relative humidity (non-condensing)

Communication

Interface: USB B Male connector supports 12 Mbps communications
RS-232 DB-9 Female connector supports up to 115Kbps communications

COMM LED:

(when RS-232 interface is being used):

Red RS-232 data is being sent from the host device to the Dolphin 9500 terminal

Green RS-232 data is being sent from the Dolphin 9500 terminal to the host device

Orange RS-232 data is being sent at high data rates

(when USB interface is being used):

Green USB connection has been established between the 9500 terminal and the host device

DOCK LED: **Green** Dolphin terminal is properly seated in the HomeBase

AUX BATTERY LED: **Orange** Spare battery is charging

Green Spare battery charging is complete

Agency Approvals

Charging: CE Marking (EMC)

Fire Retardant: UL 94-VO

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