

Dolphin® 7900 Series HomeBase™

Charging/Communication Cradle



Features

- Direct Communication – Via USB-compatible host computer or RS-232 port.
- Intelligent Battery Charging – Charges the main battery of a seated Dolphin terminal in less than four hours.
- Auxiliary Battery Well – Charges a spare battery in less than four hours .
- Easy Installation – Adapts to most working environments.
- Status LEDs – Indicate charging and communication status of the seated Dolphin terminal as well as the spare battery.

Overview

The Dolphin HomeBase is a compact charging and communication cradle that seats one Dolphin 7900 mobile computer. In addition to charging and communication, it provides safe, convenient storage for a Dolphin terminal.

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 large quantities and multiple types of data, such as 1D and 2D bar codes and images that use more sophisticated applications and databases.

The HomeBase powers a seated terminal while charging its installed battery in less than four hours. The intelligent battery charging system incorporated into Dolphin terminals prevents over- and undercharging. The auxiliary battery well can charge 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.

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 communication status between the seated Dolphin terminal and its host. The AUX BATTERY LED indicates the charging status of the spare battery.

Dolphin 7900 HomeBase Specifications

Structural

Dimensions (H x W x D):	3.5 in. x 5.5 in. x 6.3 in. (8.9cm x 14.0cm x 16.0cm)
Weight:	26.6 oz. (754g)
Material:	Case: Polycarbonate ABS blend Color: Gray
Desktop Mounting:	Use DIN rail slide for desktop or rail mount
Wall Mount Kit:	Available separately

Environmental

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

Power Supply

Input (Universal):	100–250 Volts, 1.0 A, 50–60Hz
Output:	9.5 Volts DC, 4.0 A
Input Connection:	3 Position IEC-320-C14

Charging

Standard Charge:	Completes 100% charge in four hours or less
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

Communication

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

When USB interface is being used

Green	USB connection has been established between the Dolphin terminal and the host device
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When an RS-232 interface is being used

Red	RS-232 data is being sent from the host device to the Dolphin terminal
Green	RS-232 data is being sent from the Dolphin terminal to the host device
Orange	RS-232 data is being sent at high data rates

Agency Approvals

Power Supply:	UL listed, TUV licensed Power Supply compliant to FCC part 15 Class B
Charging:	CE Marking (EMC)
Fire Retardant:	UL 94-VO

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