


AD2 4-Bay Communications Dock




 © 2010 Intermec Technologies Corporation. All rights reserved.
 www.intermec.com
 fax 425.355.9551
 tel 425.348.2600
 U.S.A.
 Everett, Washington 98203
 6001 36th Avenue West
 Worldwide Headquarters
Intermec

P/N 073391-006

 AD2 4-Bay Communications Dock Quick Start Guide

Quick Start Guide



What Is the AD2?

The AD2 4-Bay Communications Dock (P/N 225-710-XXX) is an accessory for the CK30 and CK31 Handheld Computers. You can use the AD2 to:

- power four CK30s or CK31s at one time.
- charge four batteries while in CK30s or CK31s.
- transfer data and applications using RS-232 serial communications.
- transfer data and applications through a 10BaseT/100BaseTx Ethernet connection.

This guide explains how to install and use the AD2.

What You Need

To use the AD2, you need:

- an AC power supply.
- an AC power cord.

You need to purchase the appropriate power cord and power supply for your location. For more information, contact your Intermec sales representative.

Specifications

Electrical ratings: ⎓ 12V, 4A
 Requires Intermec AC power supply
 ~100 to 240V, 50 to 60 Hz



Warning

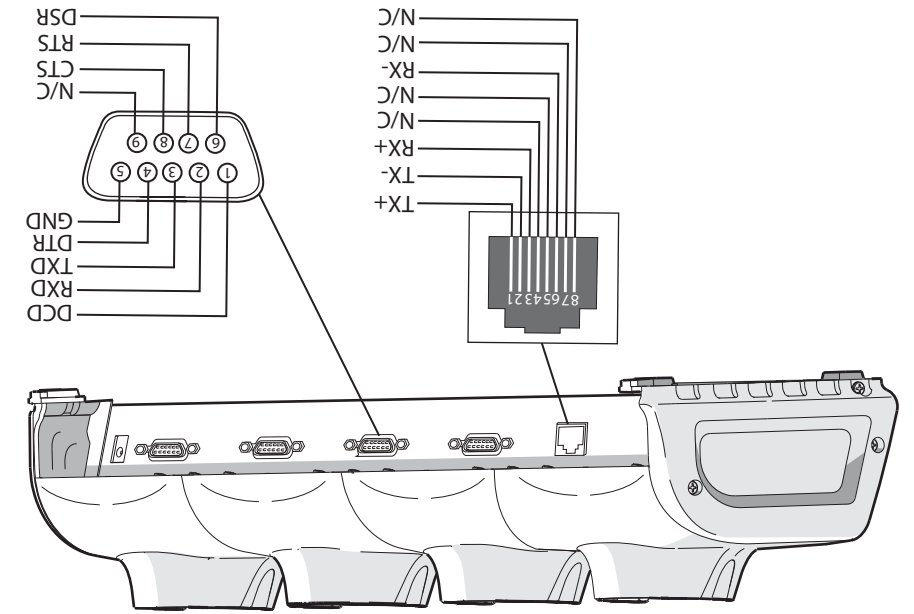
To prevent fire or electric shock, do not expose the AD2 to rain or moisture.



Caution

You must use the appropriate Intermec power supply with this device or equipment damage may occur.

Connector Pinouts



Use these pinouts if you want to make your own cables.

Where to Find More Information

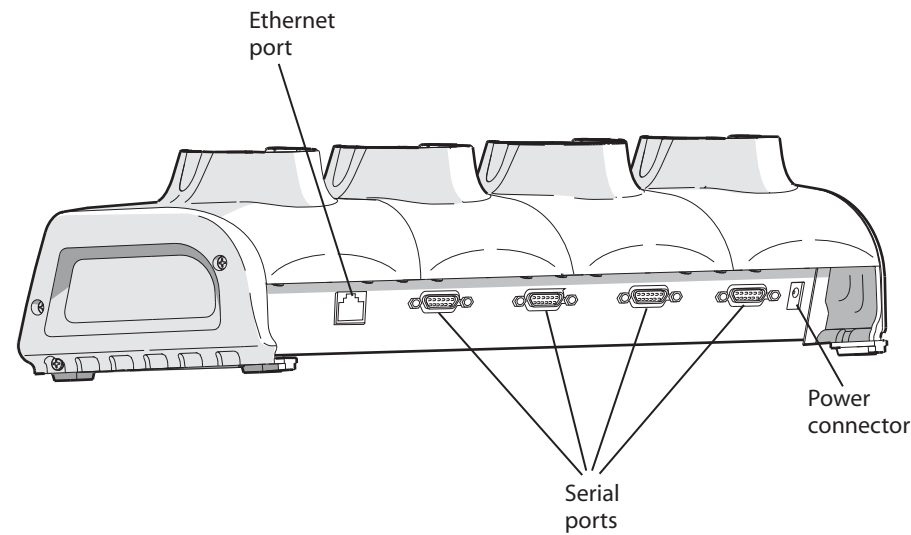
You may need additional information when working with the AD2 and CK30 or CK31 in a data collection system. Please visit our web site at www.intermec.com to download our current manuals in PDF format.

Patent Information

Product is covered by one or more of the following patents: 5,052,943; 5,195,183; 5,317,691; 5,331,580; 5,544,010; 5,644,471. There may be other U.S. and foreign patents pending.

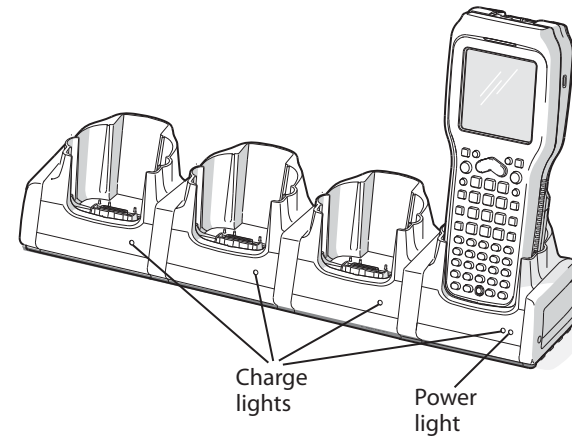
Installing the AD2

- 1 Place the AD2 on a flat, stable, and clean surface that is within 1.5 m (5 ft) of an AC outlet.
- 2 Connect the AC power supply to the power connector on the back of the AD2.
- 3 Connect the power supply to an AC power outlet. The yellow Power light turns on, showing that the AD2 is ready to charge a battery in a CK30 or CK31. The AD2 fully charges the battery in about 5 hours.
- 4 (Optional) Connect one or more of the following communications cables:
 - RS-232 serial cable
 - 10BaseT/100BaseTx Ethernet cable



- 5 Insert CK30s or CK31s into one or all of the bays.

Understanding the Lights



This table explains the different colors of the Charge and Power lights.

Light	Color	Description
Charge	Flashing green	The battery is charging.
	Steady green	The battery is fully charged.
	Flashing red	The battery is not charging. Try these solutions: <ul style="list-style-type: none"> • Make sure the battery is firmly installed in the CK30 or CK31. • Make sure the CK30 or CK31 is firmly inserted in the AC2. • Make sure the power supply is connected properly to a powered AC outlet. • Make sure the charging pins on the AC2 and the contacts on the battery are clean.
Power	Off	AC2 is not receiving power. Make sure the power supply is connected properly.
	Steady yellow	AC2 is connected to AC power and is ready to charge.

Configuring Ethernet Communications

If you are using a USB or serial cable, you do not need to set any communications parameters on the CK30 or CK31. Ethernet communications are available on the CK30A model only and on the CK31. If you are using an Ethernet communications cable, you need to configure the CK30A or CK31 to communicate through the Ethernet port. You need to set these Ethernet parameters.

If you have a DHCP server:

- DHCP enabled
- If you do not have a DHCP server:
- IP address
 - Subnet mask
 - Default router

If required for your network, you may also need to set these parameters on each CK30 or CK31:

- Primary and secondary DNS servers
- Primary and secondary WINS servers

Ask your network administrator for the parameter values you should set. For help configuring the CK30A, see the *CK30 Handheld Computer User's Manual* (P/N 073528). For help configuring the CK31, see the *CK31 Handheld Computer User's Manual* (P/N 075207).

To configure the CK30A

- 1 Press the **Power** () key to turn on the CK30A.
- 2 Press the green & key, and then press the orange % key to open the System Main menu.
- 3 Select **Configuration Utility > Communications > Ethernet > IP Settings** and configure the Ethernet parameters.
- 4 Save your changes, and press **Esc** until you exit the System Main menu.
- 5 Press and hold the **Power** key for 5 seconds to warm boot the CK30A.

To configure the CK31

- 1 Press the **Power** () key to turn on the CK31.
- 2 From the **Start** menu, tap **Intermec Settings**.
- 3 Tap **Communications > Ethernet > IP Settings** and configure the Ethernet parameters.
- 4 Save your changes, and then exit Intermec Settings.
- 5 Press and hold the **Power** key for 5 seconds to warm boot the CK31.