CN2 Handheld Computer

Quick Start Guide

Intermec

Where to Go From Here

You may need additional information to use the CN2 in your data collection system. Refer to these documents for more information:

- *CN2 Handheld Computer User's Manual* (P/N 075464)
- *Intermec Computer Command Reference Manual* (P/N 073529)

These documents are available from the Intermec web site at www.intermec.com. To purchase a printed copy of the *CN2 Handheld Computer User's Manual*, contact your local Intermec sales representative.

Specifications

Physical Dimensions

Length:	14.7 cm (5.8 in)
Width:	8.6 cm (3.4 in)
Thickness:	3.5 cm (1.4 in)
Weight:	370 g (11.9 oz)

Power and Electrical Specifications

Operating:	Rechargeable 2150 mAh lithium-ion battery
Backup:	Rechargeable NiMH 20 mAh battery
Electrical rating:	$===$ 3.7, 1.5 A peak

Temperature and Humidity Specifications

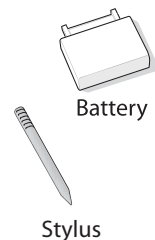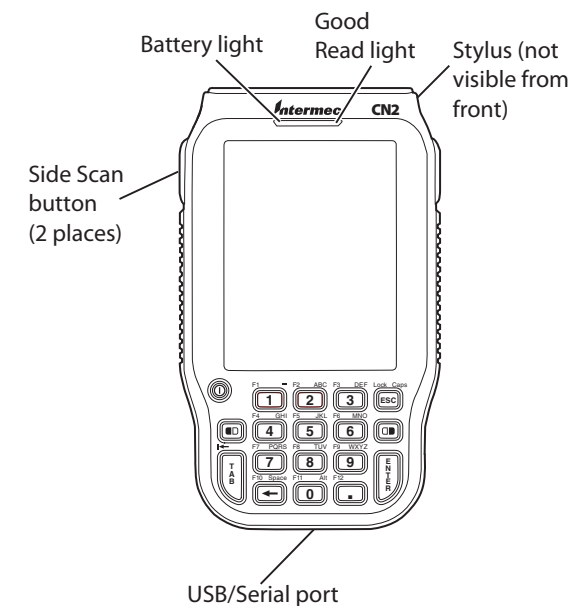|	
Operating:	0°C to 50°C (32°F to 122°F)
Storage:	-10°C to 50°C (14°F to 122°F)
Humidity:	5% to 95% relative humidity, non-condensing
Environmental rating:	IP64

Out of the Box

After you remove the CN2 from the box, save the box and shipping material in case you need to ship or store the computer. The CN2 shipping box contains these items:

CN2 Handheld Computer

Battery

Stylus

Documentation

What Is the CN2?

The Intermec CN2 Handheld Computer is an ergonomically designed handheld computer built on the Microsoft® Windows® CE .NET operating system. It is a semi-rugged, lightweight computer that runs client/server applications and web-based applications.

The CN2 makes data collection easy and includes these features:

- 802.11b/g radio
- .NET Compact Framework
- Color display with touch screen
- 1D linear imager
- 64MB flash/128MB RAM memory
- 400 MHz Intel® XScale™ processor

This quick start guide describes how to set basic parameters to start using the CN2. You should read this guide if you are a system administrator or person installing the CN2 in a network. For a list of additional documents you may need, see "Where to Go From Here."

Wi-Fi® CERTIFIED b|g

The CN2 computer with an IEEE 802.11b/g radio installed is Wi-Fi® certified for interoperability with other 802.11b/g wireless LAN devices.

CN2 Features

Battery light

Good Read light

Stylus (not visible from front)
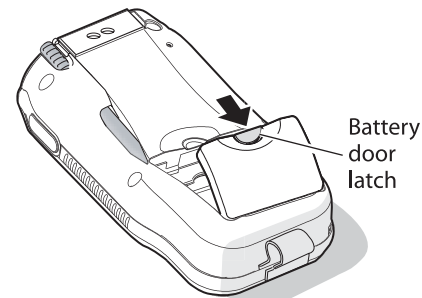
Side Scan button (2 places)
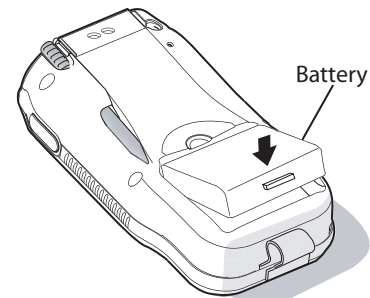
USB/Serial port

❶ Installing and Charging the Battery

To charge the battery, you need the CN2 communications dock (P/N 225-696-001), sold and ordered separately.

To install and charge the battery

❶ Push down on the battery door latch, and pull up on the battery door. Set the battery door aside.

Battery
door
latch

❷ Align the battery contacts, and insert the battery in the compartment. Press down on the battery until it clicks into place.
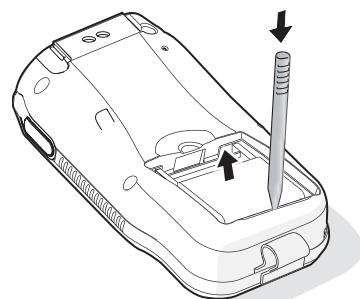
Battery

❸ Install the battery door.

❹ Place the CN2 in the CN2 communications dock. Connect the communications dock to AC power. The battery is fully charged in approximately 4 hours. For more information, see the instructions that ship with the communications dock.

To remove the battery

• If you need to remove the battery, insert the stylus between the battery and the CN2 case and press straight down until the battery is released. Lift the battery out of the battery compartment.
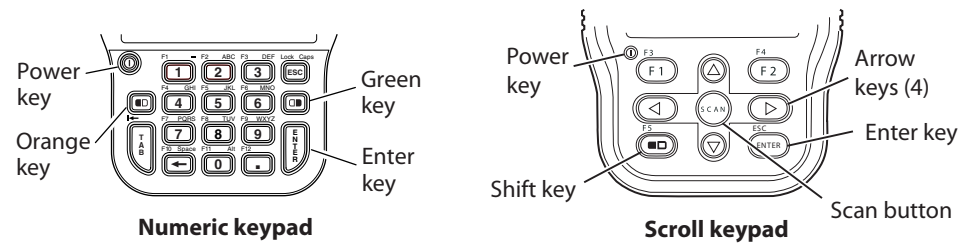
⚠ **Caution**

Only use the stylus to remove the battery. If you use any other tool or method to remove the battery, you may damage the battery or the CN2.

Utilisez uniquement le stylet pour retirer la pile. Si vous utilisez un autre instrument ou une autre méthode pour le faire, vous risquez d'endommager la pile ou le CN2.

❷ Turning On the CN2 and Finding Keys

The CN2 has either an 18-key numeric keypad or a 10-key scroll keypad.

Power key — Green key
Orange key — Enter key

Numeric keypad

Power key — Arrow keys (4)
Shift key — Enter key
Scan button

Scroll keypad

To access a function printed on a key

• Press that key just as you do on a standard keyboard.

To access a function printed on the keypad overlay

• On the 18-key numeric keypad, you access the functions printed in orange by pressing the **Orange** key (▬) and then the key below the function. You access the functions printed in green by pressing the **Green** key (▢▬) and then the key below the function.

• On the 10-key scroll keypad, you access the functions printed on the keypad overlay by pressing the **Shift** key (▬) and then the key below the function.

To turn on the CN2

• Press and release the **Power** key. The CN2 turns on.

To turn off the CN2

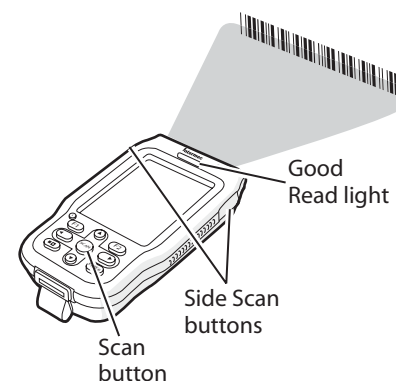• Press and hold the **Power** key for 2 seconds and then release the key to turn off the CN2.

Scanning a Bar Code With ScanDemo

Use the ScanDemo application to see how the imager on your CN2 works. You can read 1D bar codes with the CN2.

To scan a bar code with ScanDemo

❶ From the CN2 desktop, double-tap the ScanDemo icon. The ScanDemo application opens.

❷ Press the **Scan** button or press one of the **Side Scan** buttons, and center the red aiming beam over a bar code label. (This illustration shows the 10-key scroll keypad.)

Good Read light
Side Scan buttons
Scan button

When the CN2 successfully reads a bar code label, you hear a high beep and the green Good Read light turns on briefly.

❸ Release the **Scan** button or **Side Scan** button. The decoded bar code label data appears in the ScanDemo application.

❹ Tap the **Exit** button to exit the ScanDemo application.

❸ Configuring the CN2

After the CN2 finishes booting up for the first time, the Setup Assistant appears. The Setup Assistant walks you through the process of setting the time and date and the configuration parameters necessary to connect the CN2 to your network.

Setup Assistant
The Setup Assistant will help you quickly configure your device.

Exit   Next

Setup Assistant Start Screen

Follow the directions on the Setup Assistant screens to quickly configure your CN2. If you need to set additional parameters or change any parameters you set with the Setup Assistant, you can use the Intermec Settings application.

To open Intermec Settings

• Go to **Start** > **Intermec Settings**.

For help loading applications on the CN2, see the *CN2 Handheld Computer User's Manual*.

For help using Intermec Settings, see the online manual available from the Help menu in Intermec Settings.

Troubleshooting

Problem	Possible Solution
You press the **Power** key to turn on the CN2 and nothing happens.	The battery door may be missing or open. Make sure the battery door is completely closed.
	The battery may be discharged. Place the CN2 in a CN2 communications dock to charge the battery. Try to turn on the CN2 again.
You see a battery critically low icon (▯) on the status bar, and the Battery light is on.	Place the CN2 in a CN2 communications dock to charge the battery.
You use your stylus to tap the screen and nothing happens.	Recalibrate your screen: • On the 18-key numeric keypad, press and hold the ▬ key and then press the **Enter** key. • On the 10-key scroll keypad, press and hold the ▬ key and then press the ▲ key. The calibration screen appears. Follow the instructions to recalibrate the screen.
You are using the 802.11b/g radio and the no connection to the network icon (▯) appears on the status bar.	The CN2 may not be communicating with your access point: • Make sure the network name on the CN2 is the same as the network name (SSID) on the access point you are trying to communicate with. For help, see your network administrator. • The CN2 may not have an IP address. You must configure an IP address for the CN2 or make sure that DHCP assigned an address. Use Intermec Settings and select the radio tab to make sure an IP address has been assigned. For help, see the *CN2 Handheld Computer User's Manual*. • Make sure the CN2 is within range of an access point. • Make sure the CN2 is configured correctly for the network.