



For more information on configuring, managing, and troubleshooting the CK1, see the *CK1 Handheld Computer User's Manual* (P/N 073769).  
 For information on creating applications using the software developer's kit (SDK), see the *CK1 SDK Programmer's Reference Manual* (P/N 073771).  
 To find the manuals in PDF format and other information on the CK1, please visit our web site at [www.intermec.com](http://www.intermec.com). To order printed versions of the Intermec manuals, contact your local Intermec sales representative.

## Where to Go From Here

## Icons

The CK1 provides icons to let you know the status of the CK1, data collection, and the battery.

### CK1 Icons

Icon	Situation
	The battery is full. You can use the CK1 for up to 10 hours depending on how the CK1 is configured, operating temperature, and usage. For example, battery life is shortened in warm environments.
	The battery is half full. You can use the CK1 for up to 5 hours.
	The battery is low. You can use the CK1 for up to 2 hours.
	The CK1 is in a dock and communicating with the network.
	The CK1 is not communicating with the network. Make sure the CK1 is firmly seated in a dock and that it is configured correctly. For help, see the <i>CK1 Handheld Computer User's Manual</i> .

**Physical Dimensions**  
 Length: 190 mm (7.5 in)  
 Height: 39 mm (1.5 in) at scanner  
 Width: 73 mm (2.88 in) at scanner  
 Weight: 218 g (7.7 oz) with battery and linear imager  
 250 g (8 oz) with battery and laser scanner

**Power and Electrical Specifications**  
 Operating: Rechargeable lithium-ion  
 1050 mAh (3.7V) battery  
 Rechargeable capacitor  
 Backup: Electrical Rating: == 9V; 1A

**Temperature and Humidity Specifications**  
 Charging temperature: 5°C to 45°C (41°F to 113°F)  
 Operating temperature: -10°C to 50°C (14°F to 122°F)  
 Storage temperature: Up to 1 month: -20°C to 45°C (-4°F to 113°F)  
 Up to 6 months: -20°C to 35°C (-4°F to 95°F)  
 Humidity: 0 to 95% noncondensing

## Specifications

## Beeps and Light

The CK1 provides beeps and a light to let you know the status of the CK1, data collection, and the battery.

### CK1 Beeps and Clicks

Audio Signal	Situation
One high beep	The CK1 successfully scanned a bar code.
Click	You pressed a key.

### CK1 Light

Color	Description
Green	The CK1 has successfully scanned a bar code.
Red	The CK1 is in the process of scanning a bar code or has failed to scan a bar code.
Red Flashing	The battery is very low. You need to charge the battery or install a fully charged battery.
Blue	The CK1 has successfully completed the last function.

You can buy the CK1 with one of two scanning options: laser scanner or linear imager.

- The laser scanner is an integrated standard-range laser scanner (650 nm) with a scan rate of 39 scans per second.
- The linear imager is an integrated linear imager with a scan rate of 200 scans per second.

You can also buy the following accessories for the CK1:

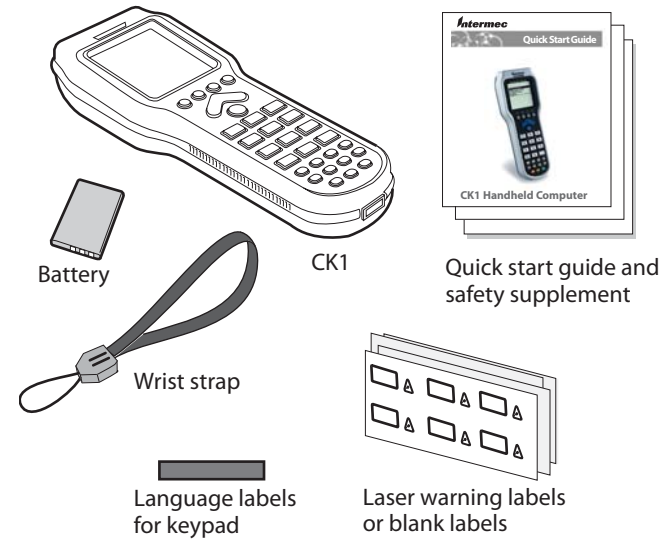
- Battery (P/N 073659)
- Battery charger (P/N 073660)
- Multi-dock (P/N 073667)
- Serial dock (P/N 073665)
- Modem dock (P/N 073666)
- Handle (P/N 073668)
- Belt swivel holder (P/N 073661)
- Wrist strap (P/N 073925)
- Printer cable (P/N 073850)
- Mobile phone cable (P/N 073851)

To order accessories, contact your Intermec sales representative or visit the Intermec web site at [www.intermec.com](http://www.intermec.com).

## Options and Accessories

## Out of the Box

After you remove the CK1 from its shipping box, save the box and packing material in case you need to ship or store the computer. The CK1 shipping box should contain these items:



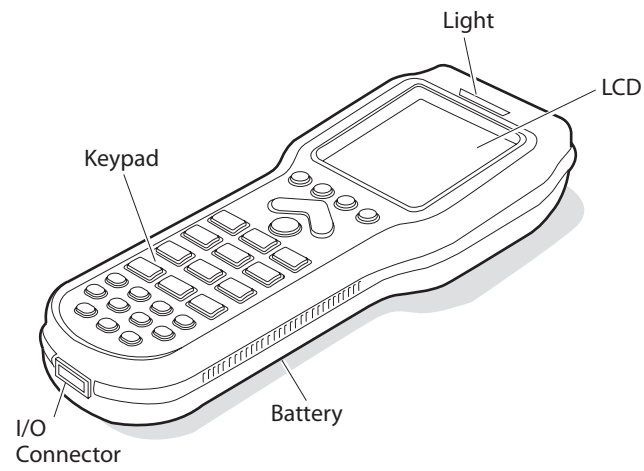
## CK1 Handheld Computer



## Quick Start Guide

## What Is the CK1?

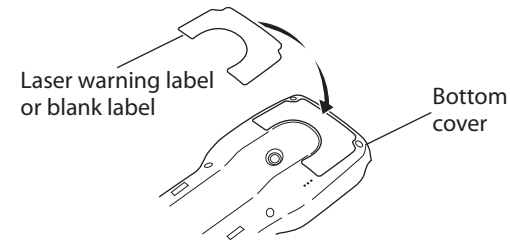
Designed to make data collection easy, the CK1 Handheld Computer is a programmable computer that runs custom or preloaded applications. The CK1 runs a Linux-based open source operating system and has a flash drive to store applications and files.



You should read this quick start guide if you are installing the CK1 in your network and need quick instructions on how to turn on and use the CK1.

## 1 Preparing the CK1 for Use

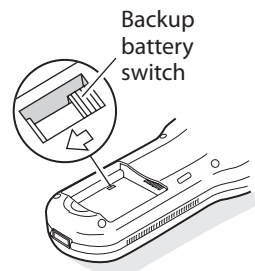
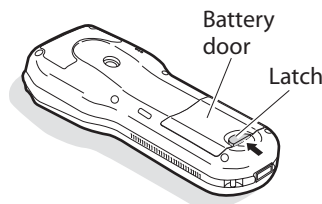
- 1 If your CK1 has a laser scanner, attach the laser warning label to the bottom cover. Or, if your CK1 has a linear imager, attach the blank label to the bottom cover.



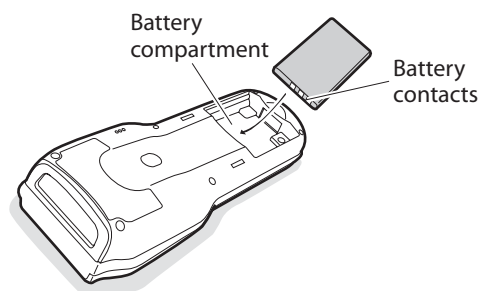
- 2 (Optional) Attach the language labels to the keypad overlay.
- 3 (Optional) Attach the wrist strap to the post on the side of the CK1, near the Esc key.
- 4 (Optional) Remove the protective film from the screen by gently pulling on the raised tab.

## 2 Installing the Battery

- 1 Charge the battery using the battery charger. For help, see the instructions that came with the charger. Or, you can charge the battery after you install it in the CK1 by placing the CK1 in a dock, as described in Step 8.
- 2 Place the CK1 face down on a flat, stable surface.
- 3 Push back the battery door latch, and pull up on the battery door.
- 4 Remove the battery door.
- 5 Using a straightened paperclip, push the backup battery switch down to turn on the backup battery.

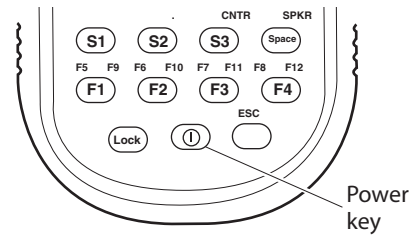


- 6 Aligning the battery contacts with the contacts on the CK1, insert the battery into the battery compartment.
- 7 Install the battery door.
- 8 If you did not charge the battery in Step 1, place the CK1 in a multi-dock, serial dock, or modem dock, and connect the dock to external power. For help, see the instructions that came with the dock.
- 9 Let the backup battery charge for 16 hours from the main battery or from the dock.



## 3 Turning on the CK1

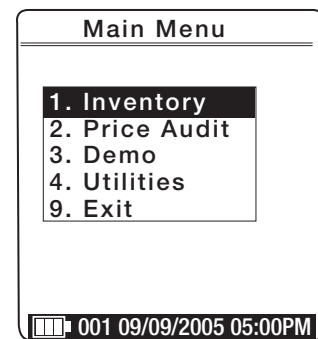
- 1 Press the **Power** key.



- 2 When the "Format RAM disk?" prompt appears, press **F1** to allow the CK1 to format the RAM disk. For help understanding this prompt, see the *CK1 Handheld Computer User's Manual*.

The screen clears and remains blank for about 30 seconds while the CK1 formats the RAM disk. A message appears, indicating that the RAM disk has been created.

The CK1 continues booting. The Intermec logo screen appears, followed by the MCL logo screen. Finally, the CK1 automatically launches your main application.



This screen shows the MCL demo application, which is a simple inventory application loaded on your CK1 if you did not order a custom application.

If you ordered a custom application, that application is automatically launched and your screen looks different than the one shown here.

## 4 Configuring the CK1

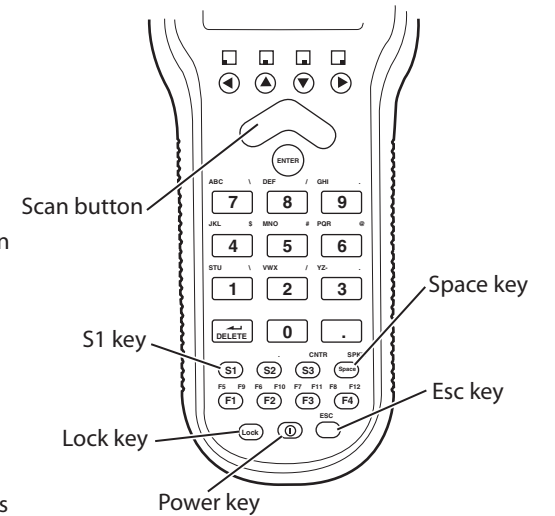
Follow the instructions in the *CK1 Handheld Computer User's Manual* to configure these CK1 features:

- Time and date
- Screen
- Power management
- Audio signals
- Bar code symbologies
- Keypad
- Network communications

## Using the Keypad

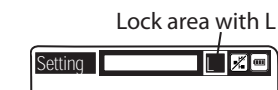
Here are some helpful hints for using the CK1 keypad:

- To scan a bar code, press the **Scan** button.
- To exit most screens and applications, press **S1** and then press **Esc**.
- To select options and check boxes, press the **Space** key.
- To type the characters printed in green, press **Esc** and then press the key under the green character.
- To easily type lowercase letters, you need to enter Lowercase Mobile Phone Input mode by pressing **Lock** and then **S1**. For help, see the following procedure. By default, the CK1 is in Numeric Input mode.



### To type lowercase letters in Lowercase Mobile Phone Input mode

- 1 Press **Lock** and then press **S1**. An L appears in the Lock area of the status bar. The CK1 is now in Lowercase Mobile Phone Input mode.



- 2 Press a numeric key. The lowercase letters and other characters available for that key appear on the status bar.
- 3 Press the numeric key until the character you want is highlighted, and then press the next numeric key you want to use. If the next character is on the same key, wait until the selected character moves to the field before pressing the key again.
- 4 Type another character, or press **Enter** to move to another field.

## Scanning Bar Code Labels

- 1 Turn on the CK1.
- 2 Hold the CK1 at a slight angle a few inches from the bar code label. The scanner must be pointing toward the label.
- 3 Press the **Scan** button.
  - If your CK1 has a laser scanner, a narrow beam of light appears near the bar code.
  - If your CK1 has a linear imager, a wide beam of light appears near the bar code.
- 4 Move the CK1 so the beam of light is centered on the bar code. When the CK1 successfully reads the label, you hear a high beep and the light on the CK1 turns green.
- 5 Release the **Scan** button.

