Battery
Serial port
Power key
Backlight key
Scan button
Status LEDs
Good read LED

The Intermec CK30 Handheld Computer is an ergonomically-designed handheld computer built on the Microsoft® Windows® CE.NET operating system. It is a lightweight, easy-to-use, reliable computer that runs client/server applications, TE 2000™ terminal emulation applications as well as dcBrowser™ and IBrowse™ applications which let you run web-based applications.

The CK30 is designed to make data collection easy and includes these features depending on the model:

Features	Model A	Model B	Model C
Ethernet (optional)			✓
802.11b radio (optional)	✓	✓	
*Bluetooth™	✓	✓	✓
.NET Compact Framework			✓
Monochrome Display	✓	✓	
Color Display			✓
32MB/32MB Memory	✓	✓	
64MB/64MB Memory			✓
200 MHz Processor	✓	✓	
400 MHz Processor			✓

*Bluetooth is a trademark owned by Bluetooth SIG, Inc., USA.

After you remove the CK30 from its shipping box, save the box and material in case you need to ship or store the computer.

The CK30 shipping box should contain these items:
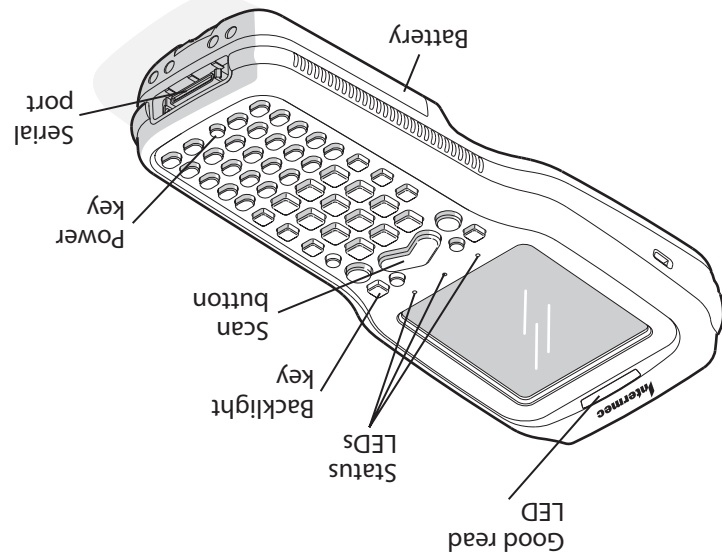

CK30 Handheld Computer
A81 battery
Documentation
Labels

Specifications

Physical dimensions

Length: 20.8 cm (8.2 in)

Width: 8.9 cm (3.5 in)

Depth: 5.5 cm (2.15 in); 6.2 cm (2.45 in) with large bottom enclosure

Weight: 476 g (16.8 oz)

Power Specifications

Operating: Rechargeable 2200 mAh lithium-ion battery

Backup: Super Cap supplying 10 minutes bridge time while the main battery is replaced

Electrical Specifications

Models: CK30A, CK30B, CK30C

Electrical rating: 12VDC max, 250 mA; 500 mA pack

Temperature and Humidity Specifications

Operating temperature: 0°C to 50°C (32°F to 122°F)

Operating humidity: 10 to 90% non-condensing

Storage temperature: -20°C to 60°C (-4°F to 140°F)

Storage humidity: 0 to 95% relative humidity, non-condensing

WiFi™ CK30 computers with an IEEE 802.11b radio installed are Wi-Fi certified for interoperability with other 802.11b wireless LAN devices.

For More Information

Now that the CK30 is working in your network, you may need additional information to use the computer in your data collection system.

Document	Available on Web	Available as Print Manual	Available on beta CD
CK30 Handheld Computer User's Manual	✓	✓	✓
CK30 Programmer's Software Kit (PSK)	✓		✓
Intermec Developer's Toolkit (includes SDK)	✓		✓

Go to the Intermec web site at www.intermec.com to find the manuals in PDF format. If you experience any problems, please visit our product support website at intermec.custhelp.com to search for product specific information. To order accessories and printed documentation, contact your local Intermec sales representative.
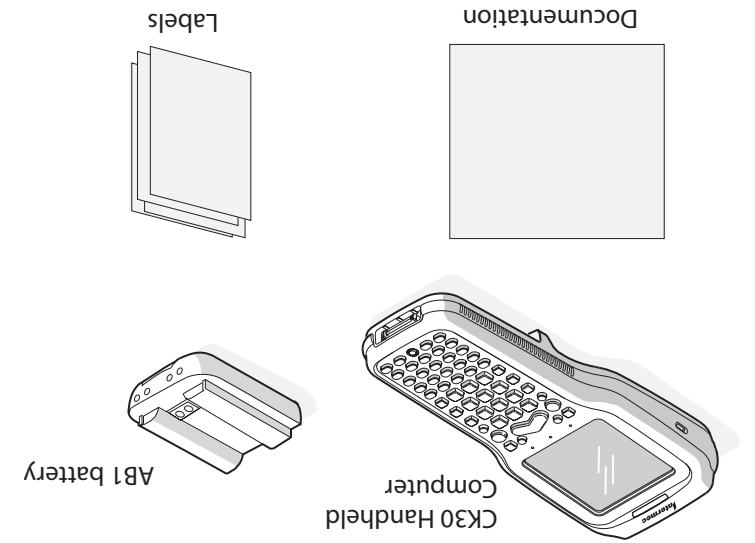
CK30 Handheld Computer Quick Start Guide

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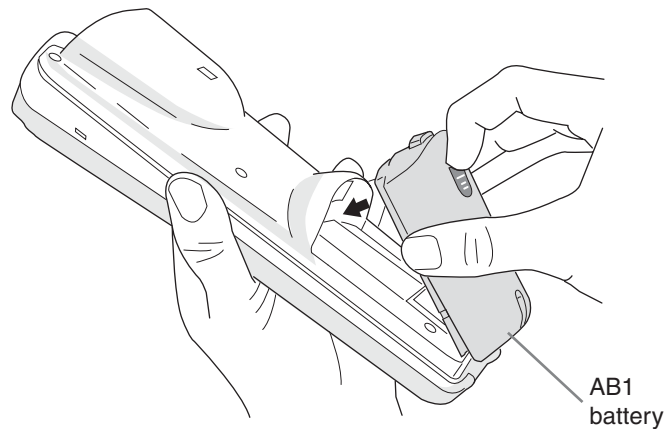All Rights Reserved

Quick Start Guide

CK30 Handheld Computer

1 Installing and Charging the Battery

Make sure you fully charge your battery before installing it in your CK30.
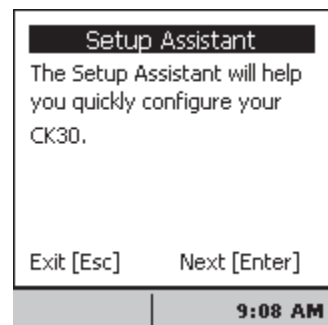
To install the battery

1 Charge the CK30 battery in one of these two ways:

- Remove the battery and place it in the AC1 4-slot battery charger.
- Place the CK30 (with battery installed) in the AD1 1-bay communications dock, AD2 4-bay communications dock, or AC2 4-bay charging dock.

AB1 battery

2 Insert the tabs on the bottom of the charged battery into the CK30 and snap the battery into place. Your CK30 powers on and brings up the splash screen.

3 Configuring the CK30

After the CK30 finishes booting up, it displays the Setup Assistant. The Setup Assistant walks you through the process of setting the time and date and the configuration parameters necessary to connect the CK30 to your network.

Setup Assistant
The Setup Assistant will help you quickly configure your CK30.

Exit [Esc]   Next [Enter]

9:08 AM

Setup Assistant Start Screen

Simply follow the directions on the Setup Assistant screen to quickly configure your CK30. If you exit the Setup Assistant before you are finished configuring your CK30, you can restart the Setup Assistant from the **System Main Menu.**

If you need to set parameters not included in the Setup Assistant, you can use the Configuration Utility, which is also available from the **System Main Menu**.
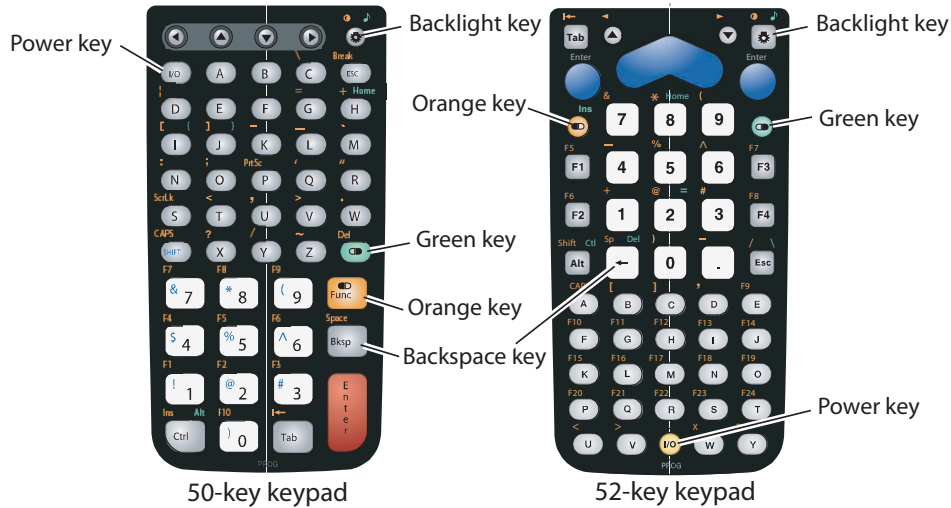
To access the System Main Menu

- Press ⬜◼ and then press ◼⬜.

2 Turning on the CK30 and Finding Keys

The **Power** key may be located in one of two places on the keypad depending on your model of CK30: the bottom middle of the keypad or the upper left corner.

To turn on the CK30

- Press and release the ⅟◌ key (**Power**).

Power key
Backlight key
Orange key
Green key
Orange key
Backspace key

Backlight key
Green key
Power key

50-key keypad   52-key keypad

4 Using TE 2000 on Your CK30

TE 2000 is not included as part of the build for the CK30 Beta handheld computers. Follow the directions below to load TE 2000 on your CK30 and configure it for use with your system.

These instructions are for beta CK30s only. TE 2000 will ship preloaded on production CK30s.

To download TE 2000 to your CK30

1 Use ActiveSync or an SD card burner to transfer these two files to your CK30:

- fwpck3h0.exe
- cfglit.dat

If you are using ActiveSync to transfer these files, copy them to the CK30 root directory.

2 Using File Manager, navigate to the directory containing the fwpck3h0.exe file.

3 Select the file by scrolling to it and pressing **Enter**.

4 From the dialog box, select **Run** and then press **Enter**. TE 2000 starts running on your CK30 with the default of VT220 TE mode.

To select your version of TE

1 Press **Alt**, **M** to access the **Main Menu**.

- On the 42-key keypad, press: **Alt**, ◼⬜, **F3.**
- On the 50-key keypad, press: ⬜◼, **Ctrl**, **M**.

2 Press **1** and type cr52401 at the **Enter Password** prompt.

3 From the **Set-up Parms** menu, press **3**, press **2**, and then press **2** for 3270 or **3** for 5250.

4 Exit and save your changes. Type cr52401 at the **Enter Password** prompt to return to the TE 2000 main screen

Your TE screen should now display the version of TE you just selected.

Using the Keypad

Each keypad available for the CK30 provides color-coded keys to let you access additional characters, symbols, and functions printed on the keypad overlay. Use this table to understand how to use the color-coded keys. Make sure you press and release the first key before you press the second key.

You Want To:	Press:
Use an orange character or function printed above a key	◼⬜ key and then the key
Use a green character or function printed above a key	⬜◼ key and then the key
Use a blue character printed on a key	**Shift** key and then the key

For example, to change the beep volume:

- Press ⬜◼ and then ☼ until you reach the desired volume.

Understanding Screen Icons

Here are a few of the screen icons you may see on the status bar.

Icon	Description
▭	Battery is critically low. You need to replace the battery now.
▱	Battery is low. You will need to replace the battery soon.
⊗	No connection to the network.

Troubleshooting

If you have a problem operating your CK30, use this table to find a possible solution.

Problem	Possible Solution
You press ⅟◌ to turn on the CK30 and nothing happens.	The battery may be discharged. Replace the battery with a spare charged battery or charge the battery and try again. Make sure the contrast is not set all the way to black. Press ◼⬜ and then ☼ repeatedly until you reach the desired contrast level. If you have a CK30 with a color screen, make sure the backlight is turned on. Press ☼.
You are using an 802.11b radio and the no connection to the network icon appears in the status bar.	The CK30 may not be communicating with your access point. Make sure the network name on the CK30 is the same as the network name (SSID) of the access point you are trying to communicate with. Make sure the CK30 is within range of an access point. Make sure the CK30 has been configured correctly for your network. The radio parameters on the CK30 must match the values set for all access points in your network.