Honeywell

Dolphin™ 75e

with Windows® Embedded 8.1 Handheld

Quick Start Guide

Out of the Box

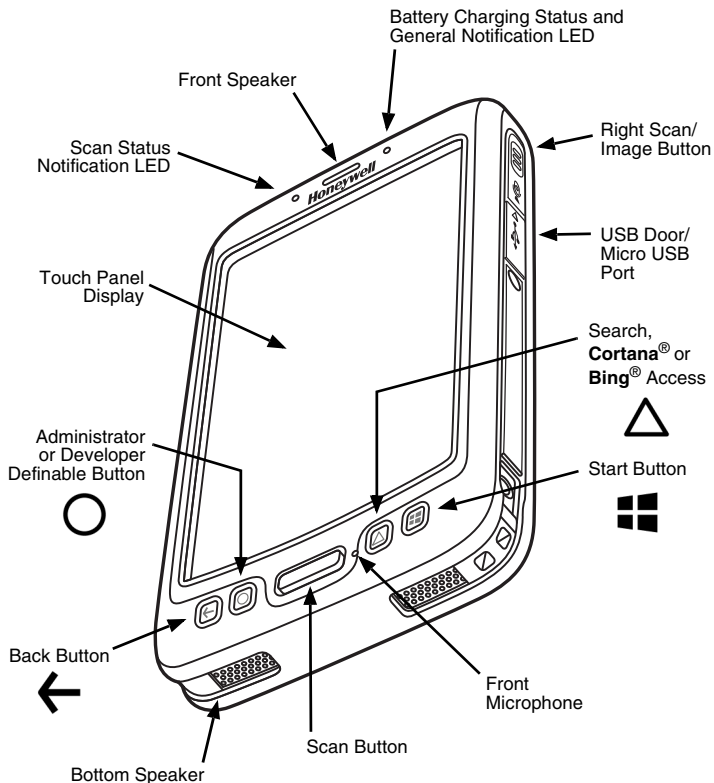Verify that your carton contains the following items:

- Dolphin 75e handheld computer (terminal)
- 1GB, 2GB, or 4GB industrial grade microSD™ card (optional)
- Rechargeable 3.7V Li-ion battery
- USB charge/communication cable
- Power adapter with regional plug adapters
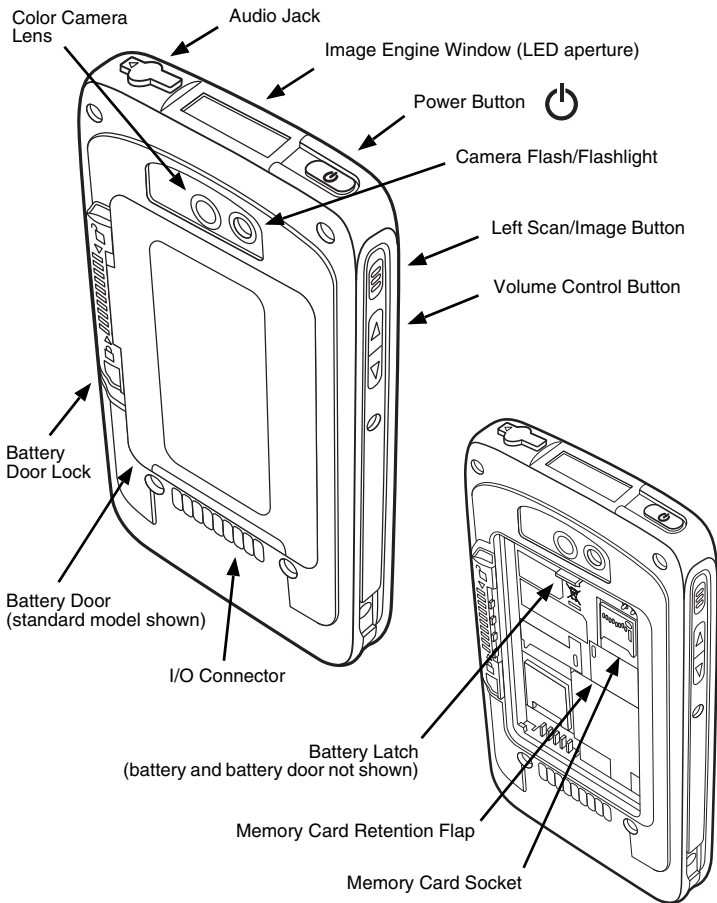- Product documentation

If you ordered accessories for your terminal, verify that they are also included with the order. Be sure to keep the original packaging in case you need to return the Dolphin terminal for service.

Memory Card Specifications

Honeywell recommends the use of Single Level Cell (SLC) industrial grade microSD or microSDHC™ memory cards with Dolphin terminals for maximum performance and durability. Contact a Honeywell sales representative for additional information on qualified memory card options.
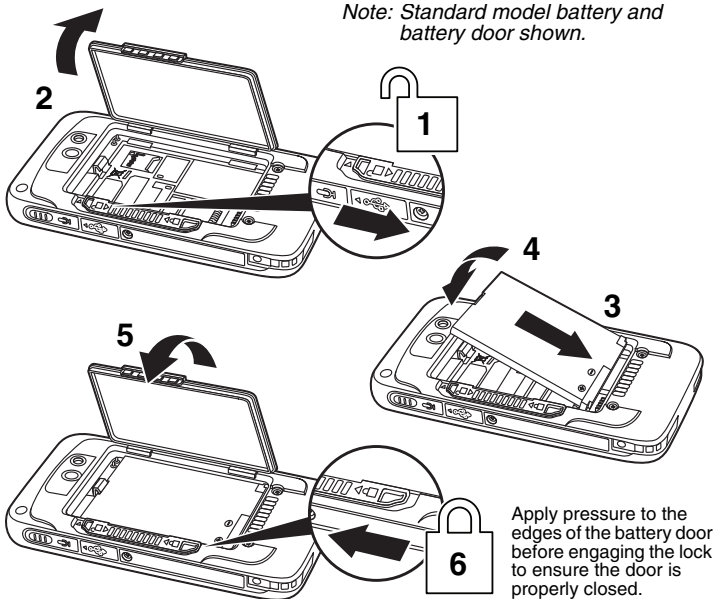
Getting to Know the Dolphin 75e

Battery Charging Status and General Notification LED

Front Speaker

Scan Status Notification LED

Right Scan/ Image Button

USB Door/ Micro USB Port

Touch Panel Display

Search, **Cortana**® or **Bing**® Access

Administrator or Developer Definable Button

Start Button

Back Button

Front Microphone

Scan Button

Bottom Speaker

Color Camera Lens

Audio Jack

Image Engine Window (LED aperture)

Power Button

Camera Flash/Flashlight

Left Scan/Image Button

Volume Control Button

Battery Door Lock

Battery Door (standard model shown)

I/O Connector

Battery Latch (battery and battery door not shown)

Memory Card Retention Flap

Memory Card Socket

Installing the Battery

Dolphin 75e models are designed for use with battery part numbers BAT-STANDARD-02 (Li-ion 3.7 V, 6.179 watt hour) and BAT-EXTENDED-02 (Li-ion 3.7 V, 12.358 watt hour), manufactured for Honeywell International Inc.

The Dolphin 75e is shipped with the battery packaged separately from the terminal. Perform the steps illustrated below to install the battery.

⚠️ *Ensure all components are dry prior to placing the battery in the terminal. Mating wet components may cause damage not covered by the warranty.*

Note: Standard model battery and battery door shown.

Apply pressure to the edges of the battery door before engaging the lock to ensure the door is properly closed.

⚠️ *We recommend use of Honeywell Li-ion battery packs. Use of any non-Honeywell battery may result in damage not covered by the warranty.*

Charging the Dolphin 75e

Dolphin terminals ship with the battery significantly discharged of power. Charge the battery with a Dolphin charging device for a minimum of **4 hours** for the standard battery and **6 hours** for the extended battery. When using the 70e-USB Charge/Communication cable to charge from a 500mA USB port on a host device, charge the battery for a minimum of **6 hours** for the standard battery and **8 hours** for the extended battery.

Note: Using the terminal while charging the battery significantly increases the time required to reach a full charge.

⚠ *We recommend use of Honeywell peripherals, power cables, and power adapters. Use of any non-Honeywell peripherals, cables, or power adapters may cause damage not covered by the warranty.*

Dolphin 75e model terminals are designed for use with the following charging devices and cables: 70e-HB, 70e-EHB, 70e-CB, 70e-NB, 70e-MB, 70e-MC, and the 70e-USB ADAPTERKIT.
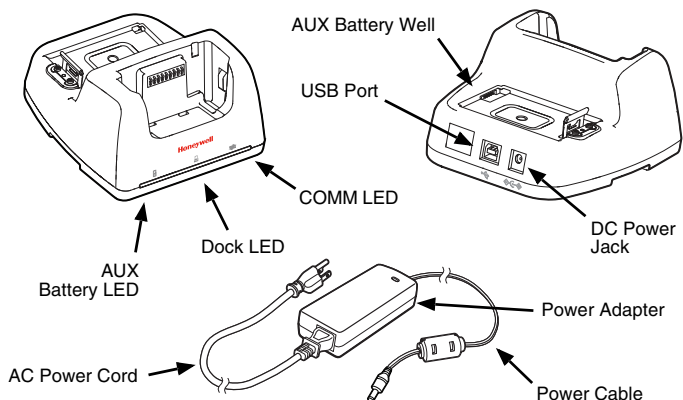
⚠ *Ensure all components are dry prior to mating terminals/batteries with peripheral devices. Mating wet components may cause damage not covered by the warranty.*

HomeBase (Model 70e-HB)

The 70e-HB charger is designed for use with Dolphin 75e model terminals, and battery part numbers BAT-STANDARD-02 (Li-ion 3.7V, 6.179 watt hour) and BAT-EXTENDED-02 (Li-ion 3.7V, 12.358 watt hour) manufactured for Honeywell International Inc.

Use only a UL Listed power supply, which has been qualified by Honeywell with output rated at 12VDC and 3 amps with the device.

HomeBase Parts

AUX Battery Well

USB Port

COMM LED

DC Power Jack

AUX Battery LED

Dock LED

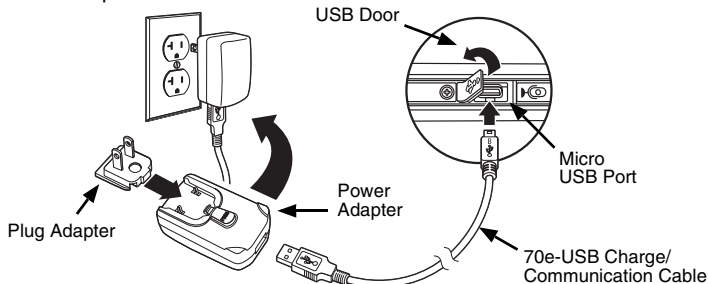Power Adapter

AC Power Cord

Power Cable

HomeBase LED Indicators

AUX battery LED

Orange The auxiliary battery is charging.

Green   The auxiliary battery has completed charging and is ready for use.

Dock LED

Blue   The terminal is properly seated in the base.

COMM LED

Green   A USB connection is established with the host workstation.
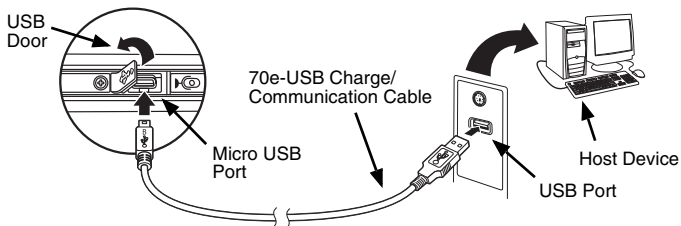
USB Charge/Communication Cable (70e-USB ADAPTERKIT)

The USB Charge/Communication cable provides two options for charging the terminal. Use the cable in conjunction with the provided power supply adapter and plug adapter to charge the terminal from a power outlet or connect the cable to a high-power USB port to charge from a host device.

Option 1: Charging from a power outlet

Use only a UL Listed power supply, which has been qualified by Honeywell with an output rated at 5VDC and 1A with the device.

Option 2: Charging from a high-power USB port on a host device

Note: Charging the battery through a USB port takes more time than direct AC adapter charging. USB charging will not take place if the terminal is drawing more current than supplied by the USB port. Refer to the user's guide for additional information.

*Touch **Settings** ⚙ > **USB**. Check the box next to "Notify me when I connect to a slower charger".*
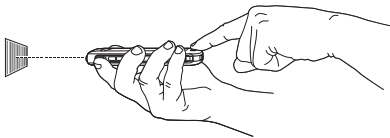
First Time Power Up Instructions

To learn how to use a custom provisional XML file during initial power up to configure the terminal, see the user's guide available for download from www.honyewllaidc.com. To learn more about creating custom provisioning XML files, see the *Administrator Guide for Windows Embedded 8.1 Handheld*, available from Microsoft at https://technet.microsoft.com.

To get started quickly without using a custom provisioning XML file, use one of the options below.

Option 1: Scan the quick start bar code.

1. Press the **Power** button ⏻.

2. Select a language, and then **next** from the Welcome screen.

3. Point the terminal at the bar code below. Press the **Scan** button.

On a successful scan, the terminal beeps twice and "configuration received" appears under the Barcode option on the screen.

Note: For optimum performance, avoid reflections by scanning the bar code at a slight angle.

4. Touch **next**. "Configuration in progress" appears on the screen. When the terminal is done booting, the Start screen appears.

Option 2: Use the Consumer setup option.

1. Press the **Power** button ⏻.

2. Select a language, and then **next** from the Welcome screen.

3. On the Set up your Handheld screen, touch and hold the right edge of the screen until the scroll bar appears (thin gray vertical line). Swipe up until you see "More Options".

4. Touch **More Options**.

5. Select **Consumer setup**. The terminal reboots and then displays the Welcome back screen.

6. Select **next**.

7. On the Connect to Wi-Fi screen, select a Wi-Fi network from the available network list. Enter the appropriate security credentials, and then select **done**.

8. Select either **recommended** or **custom** from the Set up your Handheld screen.

9. Follow the on screen prompts for setting up the terminal and creating a Microsoft® account (optional).

To learn more about what you can do with a Microsoft account, go to www.windowsphone.com.

Aiming Beam

The aiming beam or pattern is smaller when the terminal is closer to the code and larger when it is farther from the code.

Symbologies with smaller bars or elements (mil size) should be read closer to the unit. Symbologies with larger bars or elements (mil size) should be read farther from the unit.

Linear Bar Code

2D Matrix Symbol

Turning Power On/Off

To turn the terminal **On**, press and release the **Power** button ⏻.

To turn the terminal **Off**:

1. Press and hold the **Power** button ⏻.

2. When the message, "slide down to power off" appears, release the button and swipe down toward the bottom of the screen.

Note: You should always Power off the terminal before removing the battery.

Sleep Mode (Suspend Mode)

To save battery power, the touch panel display dims, and then turns off after a period of inactivity. If the display stays off longer than the set time limit, the terminal enters sleep mode.

1. Press and release the **Power** button ⏻ to wake the terminal.

2. Swipe up from the bottom of the screen to unlock the terminal.

To adjust the time out limits:

1. Touch **Settings** ⚙ on the **Apps list** screen.

2. Select **lock screen** to adjust the display time out limit or select **sensor settings** > **features** to adjust the sleep time out limit.
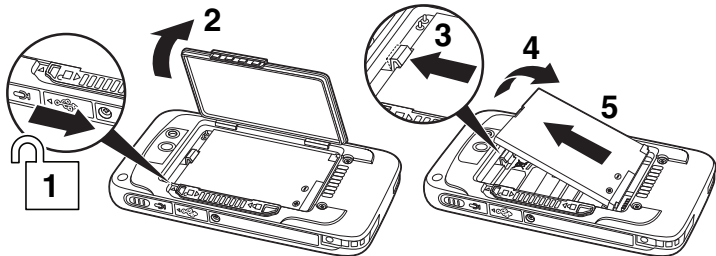
Turning Airplane Mode On/Off

1. Swipe down from the top of the screen to display the action center.

2. Touch **Airplane Mode** to toggle the mode **On** or **Off**.

Note: When Airplane Mode is turned on, ✈ shows on the status bar.
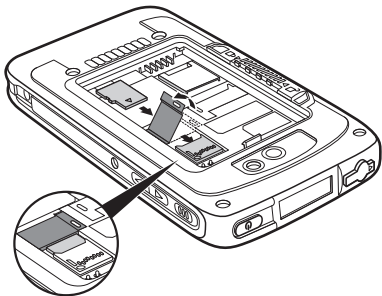
Removing the Battery

1. **Power Off** the terminal.

2. Perform the steps illustrated below to remove the battery.

Installing a Memory Card

Note: Format microSD/SDHC card before initial use.

1. **Power Off** the terminal.

2. Unlock and remove the battery door.

3. Pull the battery latch back and remove the battery.

4. Lift the card retention flap.

5. Slide the card (contacts facing down) into the socket, and then close the retention flap.

6. Install the battery and battery door, and then engage the lock.

7. Press the **Power** button ⏻.

Navigation and Function Buttons

Button	Function
← Back	Press to return to the previous screen. Press and hold to open the App switcher.
◯ Administrator or Developer Defined	For information on how to define the button function for custom configurations, see the *Administrator Guide for Windows Embedded 8.1 Handheld*, available from Microsoft at https://technet.microsoft.com.
▭ Scan	Press to wake the terminal from **Sleep** mode. Press to trigger the scanner/imager in the **Scan Demo** app.
△ Search	If **Cortana** is turned Off, press to search the terminal and Web using **Bing** or press and hold to activate **Speech** for voice commands. If **Cortana** is turned On, press to ask a question or initiate a voice command. To learn more about **Cortana**, go to www.windowsphone.com. The search button function is also administrator or developer definable.
⊞ Start	Press to return to the **Start** screen.
▤ Right & Left Side	Press to trigger the scanner/imager.
▧ Volume	Press to raise or lower the volume of the active speaker.

Note: Additional functionality varies according to the application in use.
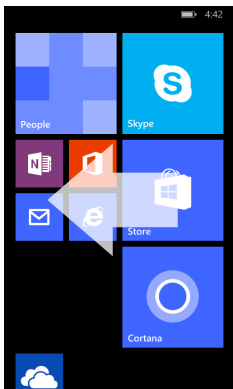
Customizing Start and Accessing Apps

The **Start** ⊞ screen is customizable. You can add, delete, move, resize, or group Tiles into folders for easy quick access. Tiles can be apps, contacts, maps, albums, or office files. Live Tiles provide notifications and updates in real time (e.g., weather stats).

On **Start** ⊞, touch and hold a Tile, and then:

- Drag the Tile to a new location on the screen.
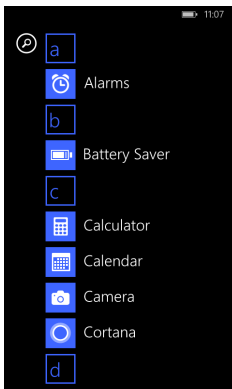
- Touch **Unpin** ⊗ to delete the Tile.

- Touch the **arrow** ⊙ to toggle through Tile sizes.

On **Start** ⊞, swipe left to access the **Apps list**. The **Apps list** contains a complete list of all the apps loaded on the terminal. You can pin anything on the **Apps list** on **Start**. Touch and hold an app, and then select **pin to start**.

Start

Apps List

Syncing Data with a Computer (PC)

To automatically sync files between your Dolphin terminal and PC:

1. Connect the terminal to the PC using the USB charge/communication cable supplied. If you are using Windows® 8, the Windows Phone® app automatically opens on the PC. If you are using Windows 7 or Mac, go to www.windowsphone.com to download and install the Windows Phone app for desktop or Mac.

2. In the Windows Phone app, set your phone name and sync preferences. The default phone name is "Windows Embedded Handheld". You can always modify your preferences later by selecting **Settings**.

To move files between your Dolphin terminal and PC without using the app:

1. Connect the terminal to the PC using the USB charge/communication cable.

2. Depending on the Windows operating system either open **File Explorer** or **Windows Explorer**.

3. Under **Computer**, click on **Windows Embedded Handheld** > **Phone**.

4. You can copy, delete and/or move files or folders between the PC and the terminal or the microSD card installed in the terminal as you would with any other storage drive (e.g., cut and paste or drag and drop).

Restarting the Terminal

You may need to restart the terminal to correct conditions where an application stops responding to the system or the terminal seems to be locked up.

• Press and hold the **Power** button ⏻. When the message, "slide down to power off" appears, release the button and swipe down toward the bottom of the screen. Press the **Power** button ⏻ to turn the terminal back on.

To perform a restart if the touch panel display is unresponsive:

• Press and hold the **Volume Down** 🔽 and **Power** ⏻ buttons simultaneously for 10-15 seconds. The terminal automatically restarts.

Resetting the Terminal

For information on how to perform at Factory Reset (Clean Boot), see the user's guide.

Support

To search our knowledge base for a solution or log into the Technical Support portal and report a problem, go to www.hsmcontactsupport.com.

User Documentation

For localized versions of this document and to download the user guide, go to www.honeywellaidc.com.

Limited Warranty

For warranty information, go to www.honeywellaidc.com and click **Resources** > **Warranty**.

Patents

For patent information, see www.hsmpats.com.

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