RP2/RP4*
Mobile Printers

* For China, models RP2B-C, RP2D-C, RP4B, RP4D-C
* For Thailand models RP2B, RP2D-T, RP4B, RP4D-T

User Guide
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Customer Support

Technical Assistance

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

For our latest contact information, see www.honeywellaidc.com/locations.

Product Service and Repair

Honeywell International Inc. provides service for all of its products through service centers throughout the world. To obtain warranty or non-warranty service, return your product to Honeywell (postage paid) with a copy of the dated purchase record. To learn more, go to www.honeywellaidc.com and select Service & Repair at the bottom of the page.

Limited Warranty

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

Send Feedback

Your feedback is crucial to the continual improvement of our documentation. To provide feedback about this manual, contact the Honeywell Technical Communications department at ACSHSMTechnicalCommunications@honeywell.com.
Introduction

The RP Series printer family blends the rugged durability with state-of-the-art electronics and user-friendly features to redefine the standard in portable thermal printers. The printer’s USB, WiFi LAN, or Bluetooth® technology offers an easy interface to any host system.

To print labels or receipts, refer to the instructions included with the software you use to create the labels.

A Windows® printer driver can be found on our website, [www.honeywellaidc.com](http://www.honeywellaidc.com).

Unpack Your Device

After you open the shipping carton containing the product, take the following steps:

- Check for damage during shipment. Report damage immediately to the carrier who delivered the carton.
- Make sure the items in the carton match your order.
- Save the shipping container for later storage or shipping.

In order to print from your printer, the following items are required. If you do not have these items, contact your customer-support or sales representative for advice on where to purchase the items or where the required software can be downloaded.

- Power Supply (sold separately)
  The appropriate power supply for your region is required and is not included as part of the printer purchase. If you do not have an applicable power supply for your printer, you will need to order one.

- Connection Cable
  You will need a standard Mini B to USB A cable if you are connecting your printer via USB.
Print Media
Honeywell offers a full line of applicable printing labels, receipt media, and supplies.

About the Battery

Power is supplied to the printer by a rechargeable lithium ion battery. Batteries are shipped only partially charged. The battery should be charged for a minimum of 4 hours before initial use to ensure optimal performance.

**Warning:** The maximum operating temperature of the printer is 122°F (50°C), however the maximum operating temperature for charging when used with a Honeywell power supply is limited to 104°F (40°C). Charge the printer in a location that meets this temperature requirement.

See **Battery Charge Information** on page 33 for further information about the battery.

Charge the Battery

1. Install the battery in the printer. Align the release tab with the same side as the charge contacts and lock the battery into position. The latch clicks into place when properly seated.

2. Connect the power supply to printer’s power jack.
3. Connect the AC power cord to the power supply and plug into an outlet.

⚠️ Warning: Do not operate the printer while it is connected to the AC power supply.

**Download Required Software**

1. Create a new folder on your local computer named **Drivers**.
3. Go to:
   - **Software**
     - **Printers**
       - **Mobile - Portable**
         - **RP2 RP3 RP4**
           - **Utility**

   to download the NETira® CT Printer Configuration Utility.
4. When prompted, click on **Open Honeywell Software Downloader**.
5. Once the file has been downloaded, extract it to your **Drivers** folder.
6. Go to:
   - **Software**
     - **Printers**
to download the Windows Printer Drivers (for DPL Input Mode).

7. When prompted, click on **Open Honeywell Software Downloader**.
8. Once the file has been downloaded, extract it to your **Drivers** folder.
9. Open the Drivers folder and double-click each of the setup.exe files. Follow the prompts to install each piece of software.

**Default USB Connection**

The default USB class is CDC Composite. On some systems (e.g., handheld devices), you will have to change this USB class in order to connect. See **USB Connection** on page 13 for further information.

1. Connect the USB cable to the printer and to the USB port on the host system.
2. Power up your printer.
3. Your host computer should recognize the printer and begin adding the device driver. If the setup operation does not start, locate the **Devices and Printers** section in the Control Panel and select **Add a Printer**.
4. Select the appropriate RP printer model and follow the prompts to finish installation.

**Configure Printer**

1. Turn the printer on and connect it to the computer using the USB cable.
2. Open the NETira™ CT Printer Configuration Utility Tool.
3. Query the printer by clicking **Tools - Update Available Connections For Printer**. This will look for the USB Virtual COM Port.

4. Once this is completed, reopen the dropdown menu and select the USB Virtual COM port.

**Note:** *Make sure this port is not in use by the printer driver when you add it to the host system.*

5. Select **Tools - Query Printer Configuration** (or press CTRL-q) to display the printer’s configuration.

See **Program the Interface** beginning on page 13 for detailed information about changing your printer’s settings.

---

**Safety Precautions for Lithium Batteries**

- Do not place batteries in fire or heat the batteries.
- Do not store batteries near fire or other high temperature locations.
- Do not store or carry batteries together with metal objects.
- Do not expose batteries to water or allow the batteries to get wet.
- Do not connect (short) the positive and negative terminals, of the batteries, to each other with any metal object.
- Do not pierce, strike or step on batteries or subject batteries to strong impacts or shocks.
Do not disassemble or modify batteries.

**Caution:** There is a danger of explosion if the batteries are incorrectly replaced. Replace the batteries with only the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the recycle program for batteries as directed by the governing agency for the country where the batteries are to be discarded.

### Proper Disposal of the Battery

When the battery has reached the end of its useful life, the battery should be disposed of by a qualified recycler or hazardous materials handler. Do not incinerate the battery or dispose of the battery with general waste materials. You may send the battery to us. (postage paid). The shipper is responsible for complying with all federal, state, and local laws and regulations related to the packing, labeling, manifesting, and shipping of spent batteries. Contact the Product Service Department (Customer Support) for recycling or disposal information. Since you may find that your cost of returning the batteries significant, it may be more cost effective to locate a local recycle/disposal company.

The printer is also designed with external-charging capabilities (optional) using Honeywell-approved charging accessories. For more information on available optional charging accessories, or a guide to using the multi-bay charging accessory, go to www.honeywellaidc.com.

### Important Safety Instructions

This printer has been designed to provide many years of safe, reliable performance. As with all types of electrical equipment, however, there are a few basic precautions you should take to avoid hurting yourself or damaging the equipment:

- Read the installation and operating instructions.
- Read and follow all warning instruction labels on the printer.
- Make sure all openings on the printer remain unblocked. Never insert anything into the openings or ventilation slots.
- Do not place the printer near a heat source.
- Do not use your printer near water or spill liquid into it.
- Be certain that your power source matches a listed voltage rating for the printer (if unsure, check with your dealer or local utility company).
- Do not place the power cord where it can be stepped on and, if the power cord becomes damaged, immediately replace it.

If service is required, use only qualified trained technicians to repair your printer. See Customer Support.
Load Labels or Paper

Load labels or paper into the printer as follows:

1. Press down on the latch lock and lift up the printer’s cover.
2. Slide and hold open the supply hubs.

3. Orient the paper as shown and insert into the printer.

4. Allow the supply hubs to retract onto the paper roll and press the cover down until it latches.

5. Press the media button 2 or 3 times to normalize tracking. Each button press advances the paper to the start of the next label.
1. Press down on the latch lock and lift up the printer’s cover.

2. Open the external media door located under the supply hubs.

3. Slide and hold open the supply hubs and install the media spacer.

4. Insert the media through the external media door and through the printer.
5. Press the media button 2 or 3 times to normalize tracking. Each button press advances the paper to the start of the next label.

Configure the Media

**Note:** If you haven’t downloaded the drivers and software, you must do so now. See Download Required Software.

Most applications use the printer’s default media setting of **Gap**, for gap labels. However, if reflective (black mark), or continuous media is used, you must change the printer’s settings.

1. Turn the printer on. If you are using a USB interface, connect the USB cable to the computer.

2. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) to query the printer.

3. Under **Printer Information**, select **Media Label**.

4. Click in the entries under the **New Value** column to update the settings for your media type. Each setting will have a dropdown list from which you can choose a new value.
Media Types and Settings

<table>
<thead>
<tr>
<th>Media Type</th>
<th>Notch Edge</th>
<th>Notch Center</th>
<th>Reflective (Black Mark)</th>
<th>Continuous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gap Label</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><img src="image1.png" alt="Diagram" /></td>
<td><img src="image2.png" alt="Diagram" /></td>
<td><img src="image3.png" alt="Diagram" /></td>
<td><img src="image4.png" alt="Diagram" /></td>
</tr>
<tr>
<td></td>
<td><img src="image5.png" alt="Diagram" /></td>
<td><img src="image6.png" alt="Diagram" /></td>
<td><img src="image7.png" alt="Diagram" /></td>
<td><img src="image8.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sensor Type</th>
<th>Not Supported</th>
<th>Gap</th>
<th>Black Mark (Top or Bottom)</th>
<th>Continuous Label Length (set value)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gap</td>
<td><img src="image9.png" alt="Diagram" /></td>
<td><img src="image10.png" alt="Diagram" /></td>
<td><img src="image11.png" alt="Diagram" /></td>
<td><img src="image12.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Continuous Label Length (1/100 inch)</strong></td>
<td>Distance the printer will advance after pressing the Media Feed button. Distance is measured in 1/100 inch, so 1000 = 10 inches.</td>
</tr>
</tbody>
</table>
| **Label Width (1/100 inch)** | 200 = 2 inch media  
300 = 3 inch media  
400 = 4 inch media |
| **Maximum Label Length (1/100 inch)** | Distance must be greater than the length of your media. Distance is measured in 1/100 inch, so 1000 = 10 inches. |
| **Sensor Type**          | Gap = labels with gap  
Continuous = media with no gap  
Reflective = labels with Q-mark or black mark |

5. After updating the **New Value** column, click the **Send** button to send this change to the printer.

6. Allow 30 seconds for the printer to reset.

If you have issues with media registration after sending these settings to the printer, refer to **Calibrate the Media** on page 27.
You can communicate with the host via USB Connection, Wireless LAN Connection, or Bluetooth Connection. The printer automatically connects to the first available port that provides valid data. To change that connection once it is established, power the printer off and back on again. Use the appropriate instructions that follow for your interface.

**Note:** Power off the printer before connecting a power or an interface cable.

**Note:** If you haven’t downloaded the drivers and software, you must do so now. See Download Required Software.

### USB Connection

**Note:** You will need a standard Mini B to USB A cable if you are connecting your printer via USB.

The USB Interface is supported in Windows 7.0 and greater. An Internet connection may be required. You may also need administrative access rights to your host computer for completing this installation. If you do not, you will need to log off and log in under a profile that has administrative rights for your host computer.
**Default USB Connection**

The default USB class is CDC Composite. On some systems (e.g., handheld devices), you will have to change this USB class in order to connect. See USB Connection for further information.

1. Connect the USB cable to the printer and to the USB port on the host system.
2. Power up your printer.
3. Your host computer should recognize the printer and begin adding the device driver. If the setup operation does not start, locate the Devices and Printers section in the Control Panel and select Add a Printer.
4. Select the printer model.

Once completed, you should see the available printer on your host PC. You can adjust the printer’s USB settings using the instructions that follow.

**USB Settings**

The type (or class) of USB connection for the host must be determined. The following USB connections are supported:

- CDC (Communication Device Class)
- Printer Class (Typical Windows® Printer)
- Composite (CDC/Printer Class)

Whenever possible, you should use the default setting, Composite (CDC/Printer Class), as it gives the most flexibility. However, on some systems (e.g., handheld devices), CDC or Printer Class should be selected since handheld devices have limited support.

**Configure Printer**

1. Turn the printer on and connect it to the computer using the USB cable.
2. Open the NETira™ CT Printer Configuration Utility Tool.
3. Query the printer by clicking **Tools - Update Available Connections For Printer**. This will look for the USB Virtual COM Port.

![Image of the printer configuration tool](image)

4. Once this is completed, reopen the dropdown menu and select the USB Virtual COM port.

5. Select **Tools - Query Printer Configuration** (or press CTRL-q) to display the printer's configuration.

6. Under **Printer Information**, select **Miscellaneous**.

![Image of printer configuration details](image)
7. Change (or confirm) the USB Mode parameter setting. Click on the dropdown arrow to display the list of possible settings.

8. Click the **Send** button to send this change to the printer.

**DPL Input Mode**

1. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) to query the printer.

2. Go to **Tools - Set Input Mode**.

3. Select the desired printer language from the dropdown. Click **Set** and **Done**.

4. Click the **Send** button to send this change to the printer.

Allow 30 seconds for the printer to reset.

**Note:** The NETira CT Configuration Utility can only communicate with the printer using the DPL printer language input mode. Once the printer has been set to use an input mode other than DPL, the printer’s input mode must be changed back to Auto or DPL when you need to communicate with NETira CT.
Bluetooth Connection

Follow your host PC or device instructions for pairing a new Bluetooth device. You should see the printer as an available printer from your host. The default pass code is 0000. Once connected and the connection is established, adjust the printer’s Bluetooth settings.

Bluetooth Settings

The printer is configured with default factory settings. To determine your printer’s configuration, print a configuration label (see Print Configuration Label).

1. Open the NETira CT Printer Configuration Utility Tool and click on Tools – Query Printer Configuration (or press CTRL-q) to query the printer.

2. Under Printer Information, select Bluetooth.

3. Change (or confirm) the following Bluetooth parameter settings:
   - **Bondable**: Yes
   - **Connectable**: Yes
   - **Discoverable**: Yes
   - **PassKey**: Default 0000 (must match entry used on host computer)

4. After updating the New Value column, click the Send button to send this change to the printer.

5. Allow 30 seconds for the printer to reset.
Tap and Pair

You can pair your Android™ phone with an RP2 or RP4 printer by touching the devices together.

1. Place the Android phone on the printer.
2. The phone recognizes the printer and prompts you to pair.
3. Verify the pairing of the printer in your phone’s Bluetooth settings.

You can go to the Google Play Store and download the Honeywell Android NFC app to your phone, or use a printing application to send prints to the RP2 or RP4 printer.

Wireless LAN Connection

The printer makes IP requests at power-up, so before making a network connection to the printer consider how your IP address needs to be assigned. The IP address of the printer can be configured in one of two ways: use a static IP address or use IP discovery (DHCP, BootP or RARP).

1. Turn the printer on and connect it to the computer using the USB cable.
2. Open the NETira™ CT Printer Configuration Utility Tool.
3. Query the printer by clicking **Tools - Update Available Connections For Printer**. This will look for the USB Virtual COM Port.
4. Once this is completed, reopen the dropdown menu and select the USB Virtual COM port.
5. Select **Tools - Query Printer Configuration** (or press CTRL-q) to display the printer’s configuration.

**Static IP/DHCP**

The printer can be configured to use a static IP or a dynamic IP obtained from a DHCP server.

**Dynamic IP Address (DHCP)**

1. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) if you haven’t already done so.
2. Under **Printer Information**, click on **Wireless General Network**.
3. Set the **IP address method** to **DHCP**.
4. Set the DHCP parameters required for your network by clicking on those options in the **New Value** column.
5. Click the **Send** button to send these changes to the printer.
6. Allow 30 seconds for the printer to reset.

Values obtained from the DHCP server are shown under **Active IP address**, **Active Subnet Mask**, and **Active Gateway**.

**Static IP Address**

1. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) to query the printer.
2. Under **Printer Information**, click on **Wireless General Network**.
3. Change (or confirm) the following parameter settings:
   - **IP address method**: Static
   - **Static IP address**: Set for your network IP range
   - **Static Subnet mask**: Set for your network subnet mask
4. After updating the **New Value** column, click the **Send** button to send this change to the printer.
5. Allow 30 seconds for the printer to reset.

**Infrastructure/Ad-hoc**

1. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) to query the printer.
2. Under **Printer Information**, click on **WIFI**.
3. Change (or confirm) the following parameter settings:
   - **ESSID:** Type the name of your access point (Default = Honeywell)
   - **Network Type:** Infrastructure or Ad-hoc
4. After updating the **New Value** column, click the **Send** button to send this change to the printer.
5. Allow 30 seconds for the printer to reset.

**Note:** To validate a successful Wireless LAN connection, the IP address obtained from the access point is shown on the printer’s LED display.

### Wireless LAN Security

The printer can be configured to use several wireless LAN security protocols.

#### WEP 64 and 128 Bit

1. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) to query the printer.
2. Under **Printer Information**, click on **WIFI**.
3. Click on **Static WEP**.
4. Change (or confirm) the following parameter settings:
   - **WEP Selected Key:** Select the key number to use
   - **WEP AP authentication:** If users share 40 bit, use 64 bit encryption. If users share 128 bit, use 128 bit encryption.
   - **WEP Data Encryption:** Enable WEP Data Encryption
   - **WEP Key #1-4:** Enter the WEP keys used by your access point
5. After updating the **New Value** column, click the **Send** button to send this change to the printer.
6. Allow 30 seconds for the printer to reset.

#### WPA2-PSK with CCMP

1. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) to query the printer.
2. Under **Printer Information**, click on **WIFI**.
3. Click on **WPA/WPA2**.
4. Change (or confirm) the following parameter settings:
   - **Group Cipher:** CCMP
   - **Network Authentication Type:** WPA2-PSK
5. Type the pass phrase under **WPA_PSK_TKIP/WPA2_PSK settings**.
6. After updating the New Value column, click the Send button to send this change to the printer.

7. Allow 30 seconds for the printer to reset.

**WPA2-PSK with TKIP**

1. Open the NETira CT Printer Configuration Utility Tool and click on Tools - Query Printer Configuration (or press CTRL-q) to query the printer.

2. Under Printer Information, click on WIFI.

3. Click on WPA/WPA2.

4. Change (or confirm) the following parameter settings:
   - **Group Cipher**: TKIP
   - **Network Authentication Type**: WPA2-PSK

5. Type the pass phrase under WPA_PSK_TKIP/WPA2_PSK settings.

6. After updating the New Value column, click the Send button to send this change to the printer.

7. Allow 30 seconds for the printer to reset.

**WPA2-Enterprise**

1. Open the NETira CT Printer Configuration Utility Tool and click on Tools - Query Printer Configuration (or press CTRL-q) to query the printer.

2. Under Printer Information, click on WIFI.

3. Click on WPA/WPA2.

4. Change (or confirm) the following parameter settings:
   - **Network Authentication Type**: WPA2-Enterprise
   - **Phase 2 Method**: EAP-MSCHAPv2
   - **EAP Type**: EAP-PEAP
     (EAP type can be variable. Other supported types are EAP-LEAP, EAP-TTLS, EAP-PEAP, and EAP-FAST.)

5. Type the user name and password under WPA/WPA2 Enterprise.

6. After updating the New Value column, click the Send button to send this change to the printer.

7. Allow 30 seconds for the printer to reset.

**WPA-PSK with TKIP**

1. Open the NETira CT Printer Configuration Utility Tool and click on Tools - Query Printer Configuration (or press CTRL-q) to query the printer.

2. Under Printer Information, click on WIFI.
3. Click on **WPA/WPA2**.

4. Change (or confirm) the following parameter settings:
   - **Group Cipher**: TKIP
   - **Network Authentication Type**: WPA-PSK_TKIP

5. Type the pass phrase under **WPA_PSK_TKIP/WPA2_PSK settings**.

6. After updating the **New Value** column, click the **Send** button to send this change to the printer.

7. Allow 30 seconds for the printer to reset.
# Front Panel

The front panel has an LED display and 2 buttons.

## On/Off Button

<table>
<thead>
<tr>
<th>Button Press</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any length press when printer is off</td>
<td>Turn printer on</td>
</tr>
<tr>
<td>Short press (less than 5 seconds)</td>
<td>Enter or exit sleep mode</td>
</tr>
<tr>
<td>Medium press (5 - 10 seconds)</td>
<td>Print configuration label (see Print Configuration Label)</td>
</tr>
<tr>
<td>Long press (more than 10 seconds)</td>
<td>Turn printer off</td>
</tr>
</tbody>
</table>

## Media Button

The media button advances the paper through the printer. When there is no paper in the printer, the button blinks red.
LED Display

If all the LEDs are red and blinking, it indicates it is too warm or cold for the printer to print. See Product Specifications beginning on page 41 for more information.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Indication</th>
</tr>
</thead>
<tbody>
<tr>
<td>🕒</td>
<td>On/Off</td>
</tr>
</tbody>
</table>
| 🌋 | Solid green = Printer is on  
Short green flash = Printer is asleep  
Blinking red = Charger input voltage is too low or too high |
| 🍃 | Battery charge level |
| 📡 | When not charging:  
Off = Battery is midway to fully charged  
Solid orange = Battery charge is 10-30%  
Blinking red = Battery charge is 10% or less  
When charging:  
Solid green = Battery charge is 90% or more  
Solid red = Battery charge is less than 90% |
| 📈 | Bluetooth indicator |
| 🌟 | Off = Bluetooth radio is off, disabled, not associated with a mobile device, or printer is off  
Blinking = Data transmission  
Solid blue = Bluetooth is enabled and connected |
| ⚡ | WiFi signal |
| 🌐 | Off = WiFi radio is off, disabled, not associated with a mobile device or network, or printer is off  
White = WiFi is enabled and connected |

Audible Indicators

<table>
<thead>
<tr>
<th>Beeps</th>
<th>Indication</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 long beep</td>
<td>Power supply disconnected</td>
</tr>
<tr>
<td>2 short beeps every 5 seconds</td>
<td>No media</td>
</tr>
<tr>
<td>2 long beeps</td>
<td>Power supply connected</td>
</tr>
<tr>
<td>3 short beeps</td>
<td>Battery charge is low</td>
</tr>
<tr>
<td>5 short beeps</td>
<td>Printer door open</td>
</tr>
</tbody>
</table>
Set Sleep and Power Down Timer

The RP Series printer display enters sleep mode after 1 minute of inactivity. Press any button to wake. The printer shuts down after 120 minutes of inactivity unless it is charging. The sleep and shutdown periods can be adjusted or disabled.

1. Turn the printer on and connect it to the computer using the USB cable.
2. Open the NETira™ CT Printer Configuration Utility Tool.
3. Go to System Settings, then Printer Sleep Timeout to adjust the sleep settings, or Printer Power Down Timeout to adjust the shutdown settings.

Real-Time Clock (RTC)

The Real-Time Clock (RTC) is powered from a rechargeable coin cell. Once the RTC is set, and as long as the main battery is in place and has a reasonable charge, the RTC will continue to keep time. If the main battery is pulled, the time setting is retained for 6 months. After 6 months the time will be lost and will need to be reset once power is restored.

Set the Date and Time

1. Open the NETira CT Printer Configuration Utility Tool and click on Tools - Query Printer Configuration (or press CTRL-q) to query the printer.
2. Select Printer Information.
3. View the current RTC date and time stamp in the Printer Date Time section.

To change the date and time:

1. Select Printer Diagnostics.
2. Select Set Date.
3. Set the date and time fields and click OK.
Calibrate the Media

The printer is factory-calibrated for operation with most media types (both gap and reflective). Try your media without performing any calibration adjustments first to determine if the factory settings are compatible. Only perform the calibration adjustments if you are experiencing media-registration issues.

**Note:** The battery should be charged to 50% or more before starting media calibration.

The Quick Media Calibration should be performed first. If it fails to detect the start of each label properly, proceed to Manual Media Calibration. Install media in the printer before calibrating it.

**Note:** Once you have calibrated the printer, you can save this configuration and share it with other users or printers. See Configuration Files beginning on page 31.

Quick Media Calibration

1. Turn the printer on. If using a USB interface, connect it to the computer using the USB cable.
2. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) to query the printer.
3. In the **Printer Information** column, click on **Sensor Calibration**.
4. Click the **Quick Media** button.

5. The printer feeds media while the sensor is calibrated. If the calibration is not successful, repeat the procedure or use **Manual Media Calibration**.

### Manual Media Calibration

Manual media calibration is used when the Quick Media Calibration has failed to detect the start of each label. This procedure performs a complete recalibration of the sensors and will optimize the printer to your media. In some instances, you may need to perform a Quick Media Calibration after the manual media calibration to further optimize the printer’s sensor.

Sensor calibration is needed to set either the black mark or the gap value of the media sensor on the printer.

### Gap Type Labels

1. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) to query the printer.

2. In the **Printer Information** column, click on **Sensor Calibration**.
3. Click the **Manual Media** button.

4. When prompted for the media type, select **Interlabel/Gap** and click **OK**.

5. **Load Stock**
   a. Place the face of the media over the printer’s sensor and close the door.
   b. Click **OK**.

6. **Load Special Backing Media**
   a. Peel the labels off the backing and place the backing over the printer’s sensor.
   b. Close the door and click **OK**.

7. **Remove Stock**
   a. Remove all media from the printer and close the door.
   b. Click **OK**.

If the calibration is not successful, repeat the procedure.

**Black Mark Labels**

*Note:* A special media with black marks is necessary to perform this calibration.

1. Open the NETira™ CT Printer Configuration Utility Tool.
2. In the **Printer Information** column, click on **Sensor Calibration**.
3. Click the **Manual Media** button.

4. When prompted for the media type, select **Black Mark** and click **OK**.

5. Load the media and click **OK**.

   If the calibration is not successful, repeat the procedure.
Print Configuration Label

A configuration label provides the firmware version, memory allocations, enabled options, communications settings and label-counter data for the printer. To print the configuration label, press and hold the power button for 5 to 10 seconds and then release.

Save and Load Configuration Files

Once you have configured the printer, you can save the configuration and share it with other users or printers.

Save a Configuration File

1. Turn the printer on. If you are using a USB interface, connect the USB cable to the computer.
2. Open the NETira CT Printer Configuration Utility Tool and click on Tools - Query Printer Configuration (or press CTRL-q) to query the printer.
3. The current settings (either as-is or with changes you add) can now be saved to a file. Select File - Save As.
4. Select a location and name for this configuration file. The file extension is .cfg.

Load a Configuration File

1. Turn the printer on. If you are using a USB interface, connect the USB cable to the computer.
2. Open the NETira CT Printer Configuration Utility Tool and click on Tools - Query Printer Configuration (or press CTRL-q) to query the printer.
3. Select File - Open.
4. Select the .cfg file you want to load.

**Note:** Check the *Include Sensor Calibration Data on Open* checkbox to import sensor data with the configuration. Sensor data is printer-specific and should only be imported to the same printer from which it came.
Battery Charge Information

Once the battery is at a low charge level, the printer stops printing and queues print jobs. The battery should be replaced at this time so the printer can print the queued jobs. If the battery is not replaced before the supercap is drained, all queued jobs will be lost.

The battery has a test button on it so you can determine how much charge is left.

Health Status

Press the test button once quickly. The Test indicator (circled in green) lights up to show the health status of the battery.

<table>
<thead>
<tr>
<th>LED Color</th>
<th>Cycle Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>1 - 400</td>
</tr>
<tr>
<td>Amber</td>
<td>400 - 500</td>
</tr>
<tr>
<td>Red</td>
<td>500 - 999</td>
</tr>
</tbody>
</table>
Gas Gauge

Press the test button and hold for longer than 5 seconds. The 4 gas gauge lights appear in green to show the amount of charge left in the battery.

0 - 9%  
10 - 39%  
40 - 79%  
80 - 100%

Change the Battery

1. Remove the old battery from the printer and reinstall the new battery in the printer.

Note: The printer can run for 20 - 120 seconds without a battery and not lose connectivity or need a restart.
2. Connect the power supply to printer’s power jack then connect the AC power cord to the power supply. Plug into an outlet.

Warning: Do not operate the printer while it is connected to the AC power supply.

Cleaning Intervals

Proper cleaning is critical. To maintain peak performance of the printer, Honeywell offers a complete line of cleaning products, including pens, cards, films and swabs. The following table outlines the recommended maintenance schedule for the various printer parts.

Maintenance Schedule
Clean the Printhead

If print quality declines (symptoms include non-compliant bar codes, print drop-outs and streaks), the typical cause is debris buildup on the printhead. When the buildup is not removed it may lead to reduced service life or printhead failure. Streaks in printed labels usually indicate a dirty or faulty printhead.

<table>
<thead>
<tr>
<th>Area</th>
<th>Method (Standard Models)</th>
<th>Method (Linerless Models)</th>
<th>Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printhead</td>
<td>Cleaning card or cotton swab with isopropyl alcohol</td>
<td>Cleaning pens</td>
<td>After 3-5 rolls of media</td>
</tr>
<tr>
<td>Platen roller</td>
<td>Cotton swab with isopropyl alcohol</td>
<td>Cleaning pens</td>
<td>After 3-5 rolls of media</td>
</tr>
<tr>
<td>Peel off roller</td>
<td>Cleaning pens</td>
<td>Cleaning pens</td>
<td>After 3-5 rolls of media</td>
</tr>
<tr>
<td>Lid roller</td>
<td>Cotton swab with isopropyl alcohol</td>
<td>Cleaning pens</td>
<td>After 3-5 rolls of media</td>
</tr>
<tr>
<td>Media sensor</td>
<td>Compressed air</td>
<td>Compressed air</td>
<td>Monthly</td>
</tr>
<tr>
<td>Interior</td>
<td>Compressed air</td>
<td>Compressed air</td>
<td>As needed</td>
</tr>
</tbody>
</table>

Standard RP4 Models

Clean the printhead using a cleaning card:

1. Open the printer and remove all media.
2. Open the fan fold door in the bottom of the printer.
3. Insert the cleaning card through the door and close the printer cover.
4. Press the Media Feed button several times to feed the cleaning card through the printer. Repeat if necessary.
5. Reload media and close the printer.
6. Press the Media Feed button to feed the media through.

Linerless Models

Cleaning pens are used on linerless-model printers or any printer with adhesive buildup. They are used to clean components that are exposed directly to adhesive.

Step 1. Rub this pen along the sticky component to break down the adhesive buildup.
Step 2. Rub this pen along the component to remove the buildup.
The pen cap has a plastic scraper that can be used to remove large amounts of adhesive buildup.

⚠️ **Caution:** Do not use on the platen roller or sensors.

### Firmware Update

When program updates and/or new features are added, they can be downloaded to the printer.

1. Identify the new version for your printer model from [www.honeywellaidc.com](http://www.honeywellaidc.com) and download it to your computer.
2. Turn the printer on and connect it to the computer using the USB cable.
3. Open the NETira CT Printer Configuration Utility Tool.

**Note:** **NETira CT must be version 1.0.0.92 or higher.**

4. Query the printer by clicking **Tools - Update Available Connections For Printer**. This will look for the USB Virtual COM Port.
5. Once this is completed, reopen the dropdown menu and select the USB Virtual COM port.
6. Select **Tools - Query Printer Configuration** (or press CTRL-q) to display the printer’s configuration.
7. Select **Tools - Update Printer via File Streaming Method.**

8. Click **OK** to continue.

9. Click on the button for **Application Mode.**

10. Click on the checkboxes for **Boot M** and for **Firmware** and browse to the locations of these files.

11. Click the **Send** button to start the download.

The Bluetooth, WiFi, and Media Feed buttons on the printer flash slowly, then quickly. Once the buttons stop flashing and the power light is solid green, the printer is ready for normal operation.
Once you have corrected any of the following problems, press the media button \[\text{\textcopyright}\] to clear the alarm.

**Print quality is bad**
- Clean the printhead (see Clean the Printhead on page 36).
- The temperature setting may be incorrect for the media being used. Use the NETira CT Printer Configuration Utility or software commands to adjust the heat setting and print speed.
- The printhead may be faulty. Call for service (see Product Service and Repair).

**Printer indicates it is out of media, even though it is not**
- The printer sensor may have accumulated paper dust. Clean the sensor with compressed air.

**Printer doesn't print or prints several labels at once**
- The labels are incorrectly loaded. See Load the Media.
- The media is not calibrated. See Calibration.
- The media sensor or sensor circuitry may be defective. Call for service (see Product Service and Repair).

**Printer skips every other label or occasionally skips labels**
- The label is formatted too close to the top edge of the label. Leave white space equal to 8-dot rows, about .02 inch (.5mm) at the top of the label.
- The media is not calibrated. See Calibration.
- The media sensor or media-sensor circuitry may be defective. Call for service (see Product Service and Repair).

**Unable to print rotations**
- The characters are formatted outside the dimensions of the label. Check that the row and column values provide enough room for the height of the image being printed.
Printing is light on the right side of the label
• The printer’s cover is not latched down. Latch it.
• The printhead is not properly aligned. Call for service (see Product Service and Repair).

Printer fails to power on
• The battery may need to be charged. Charge the battery (see Charge the Battery).

Label advances 8 inches before a fault indication
• The media may not be properly loaded. See Load the Media. When loading media, make sure the supply hubs are against the media and that gaps or marks in the labels are in line with the media sensor.
• The media sensor or media-sensor circuitry may be defective. Call for service (see Product Service and Repair).

Labels move excessively from side to side during printing
• The media may not be properly loaded. See Load the Media. When loading media, make sure the supply hubs are against the media and that gaps or marks in the labels are in line with the media sensor.
## RP2 Printer Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mechanical</strong></td>
<td></td>
</tr>
<tr>
<td>Height</td>
<td>3 in. (77mm)</td>
</tr>
<tr>
<td>Length</td>
<td>6.3 in. (160mm)</td>
</tr>
<tr>
<td>Width</td>
<td>4.6 in. (116mm)</td>
</tr>
<tr>
<td>Weight (printer and battery only)</td>
<td>1.58 lbs. (0.72kg)</td>
</tr>
<tr>
<td><strong>User Interface</strong></td>
<td></td>
</tr>
<tr>
<td>Buttons</td>
<td>2</td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td></td>
</tr>
<tr>
<td>DC Input</td>
<td>Smart Battery External DC Jack and External Charge Contacts 9.5-14V, built-in spike and surge protection</td>
</tr>
<tr>
<td>Lithium Ion</td>
<td>8.4V 2600 mAh minimum</td>
</tr>
<tr>
<td>Endurance</td>
<td>Prints more than 320 4&quot;x6&quot; (102 x 152 mm) labels when operating 16 continuous hours</td>
</tr>
<tr>
<td>Expected Charge Time</td>
<td>4-6 hours</td>
</tr>
<tr>
<td><strong>Communication</strong></td>
<td></td>
</tr>
<tr>
<td>USB Interface</td>
<td>2.0 (full speed)</td>
</tr>
</tbody>
</table>
| Bluetooth Interface Versions | 4.1 LE, Class 2, Serial-port profile  
iOS certified          |
| Wireless LAN               | Network Standard  
IEEE 802.11 a/b/g/n/ac with Dual Radio  
Infrastructure and ad-hoc  
Wireless Access Modes      |
### RP4 Printer Specifications

<table>
<thead>
<tr>
<th>Parameter (Continued)</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Security Protocols</strong></td>
<td>WEP (64/128), WPA (TKIP/RC4), WPA2 (CCMP/AES)</td>
</tr>
<tr>
<td><strong>Authentication</strong></td>
<td>LEAP, EAP-PEAP, EAP-FAST, EAP-TTLS, EAP-LEAP</td>
</tr>
<tr>
<td><strong>Network Support</strong></td>
<td>DHCP, TCP, UDP, DNS, BOOTP</td>
</tr>
</tbody>
</table>

### Print Technology

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Print Head</strong></td>
<td>Direct thermal, 203 DPI</td>
</tr>
<tr>
<td><strong>Print Width</strong></td>
<td>2.8 in. (71.1mm)</td>
</tr>
<tr>
<td><strong>Print Speed</strong></td>
<td>4 in. (102mm) per second</td>
</tr>
</tbody>
</table>

### Memory

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Installed Memory</strong></td>
<td>64 MB RAM/2 GB Flash</td>
</tr>
</tbody>
</table>

### Media

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Media Roll Width</strong></td>
<td>1 - 2.25 in. (25-57mm)</td>
</tr>
<tr>
<td><strong>Maximum Print Width</strong></td>
<td>1.89 in. (48mm)</td>
</tr>
<tr>
<td><strong>Maximum Roll Capacity</strong></td>
<td>2.25 in. (58mm) outside diameter</td>
</tr>
<tr>
<td><strong>Core Sizes</strong></td>
<td>0.4 in. (10.16mm), 0.75 in. (19mm), or 1 in. (25.4mm) inside diameter</td>
</tr>
<tr>
<td><strong>Media Thickness</strong></td>
<td>2 - 6.3 mil (.05 - .16mm)</td>
</tr>
</tbody>
</table>

### Environmental

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature Ranges:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Operating</strong></td>
<td>-4°F to + 131°F (-20°C to 55°C)</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>-22°F to + 149°F (-30°C to 65°C)</td>
</tr>
<tr>
<td><strong>Charging</strong></td>
<td>32°F to + 104°F (0°C to 40°C)</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>Up to 10-90% non-condensing</td>
</tr>
<tr>
<td><strong>Mechanical Drop</strong></td>
<td>Operational after 50 drops from 6.6 feet (2m) to concrete</td>
</tr>
<tr>
<td><strong>ESD Sensitivity</strong></td>
<td>15 kV direct air</td>
</tr>
<tr>
<td><strong>IP Rating</strong></td>
<td>8 kV contact</td>
</tr>
<tr>
<td><strong>IP Rating</strong></td>
<td>IP54 dust and water</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Height</strong></td>
<td>3 in. (77mm)</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>7.36 in. (187mm)</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>6.46 in. (164mm)</td>
</tr>
<tr>
<td><strong>RP4</strong></td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td></td>
</tr>
<tr>
<td><strong>Parameter (Continued)</strong></td>
<td><strong>Specification</strong></td>
</tr>
<tr>
<td>Weight (printer and battery)</td>
<td>2.25 lbs. (1.02kg)</td>
</tr>
<tr>
<td>Weight (printer only)</td>
<td>1.72 lbs. (0.78kg)</td>
</tr>
<tr>
<td><strong>User Interface</strong></td>
<td></td>
</tr>
<tr>
<td>Buttons</td>
<td>2</td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td></td>
</tr>
<tr>
<td>DC Input</td>
<td></td>
</tr>
<tr>
<td>Smart Battery External DC Jack</td>
<td>9.5-14V, built-in spike and surge protection</td>
</tr>
<tr>
<td>and External Charge Contacts</td>
<td></td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td></td>
</tr>
<tr>
<td>Lithium Ion</td>
<td>8.4V</td>
</tr>
<tr>
<td></td>
<td>4900 mAHr minimum</td>
</tr>
<tr>
<td>Endurance</td>
<td>Prints more than 960 4”x6” (102 x 152 mm) labels when operating 8 continuous hours</td>
</tr>
<tr>
<td>Expected Charge Time</td>
<td>4-6 hours</td>
</tr>
<tr>
<td><strong>Communication</strong></td>
<td></td>
</tr>
<tr>
<td>USB Interface</td>
<td>2.0 (full speed)</td>
</tr>
<tr>
<td>Bluetooth Interface Versions</td>
<td>4.1 LE, Class 2, Serial-port profile</td>
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<tr>
<td></td>
<td>iOS certified</td>
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<tr>
<td>Wireless LAN</td>
<td></td>
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<tr>
<td>Network Standard</td>
<td>IEEE 802.11 a/b/g/n/ac with Dual Radio</td>
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<tr>
<td>Wireless Access Modes</td>
<td>Infrastructure and ad-hoc</td>
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<td>Security Protocols</td>
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<td>DHCP, TCP, UDP, DNS, BOOTP</td>
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<tr>
<td><strong>Print Technology</strong></td>
<td></td>
</tr>
<tr>
<td>Print Head</td>
<td>Direct thermal, 203 DPI</td>
</tr>
<tr>
<td>Print Width</td>
<td>4.1 in. (104.8mm)</td>
</tr>
<tr>
<td>Print Speed</td>
<td>Up to 5 in. (127mm) per second in draft mode</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td></td>
</tr>
<tr>
<td>Installed Memory</td>
<td>64 MB RAM/2 GB Flash</td>
</tr>
<tr>
<td><strong>Media</strong></td>
<td></td>
</tr>
<tr>
<td>Media Roll Width</td>
<td>2 - 4.4 in. (51 - 111mm)</td>
</tr>
<tr>
<td>Maximum Print Width</td>
<td>4.1 in. (104mm)</td>
</tr>
<tr>
<td>Maximum Roll Capacity</td>
<td>2.25 in. (58mm) outside diameter</td>
</tr>
<tr>
<td>Core Sizes</td>
<td>0.4 in. (10.16mm), 0.75 in. (19mm), or 1 in. (25.4mm) inside diameter</td>
</tr>
<tr>
<td>Media Thickness</td>
<td>2 - 6.3 mil (.05 - .16mm)</td>
</tr>
</tbody>
</table>
### Environmental

<table>
<thead>
<tr>
<th>Parameter (Continued)</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature Ranges:</strong></td>
<td></td>
</tr>
<tr>
<td>Operating</td>
<td>-4°F to +122°F (-20°C to 50°C)</td>
</tr>
<tr>
<td>Storage</td>
<td>-22°F to +149°F (-30°C to 65°C)</td>
</tr>
<tr>
<td>Charging</td>
<td>32°F to +104°F (0°C to 40°C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>Up to 10-90% non-condensing</td>
</tr>
<tr>
<td>Mechanical Drop</td>
<td>Operational after 50 drops from 6.6 feet (2m) to concrete</td>
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<tr>
<td></td>
<td>8 kV contact</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP54 dust and water</td>
</tr>
</tbody>
</table>
Required Safety Labels

RP2Printer

WiFi MAC Address

Compliance Label locations

Bluetooth Address

RP4Printer

WiFi MAC Address

Compliance Label location

Bluetooth Address

Compliance Label location

Fonts

10 alphanumeric fonts from 2.5 to 23 point, including OCR-A and OCR-B.
Bar Code Symbologies


2D Symbologies: PDF417, Aztec, QR Code, GS1, Data Matrix, TCIF Linked Code 39, MicroPDF417

Graphics

Graphics, including transient “print once” graphics, and logos are stored in flash memory.

Software and Firmware

NERira Configuration Tool for complete printer setup.

Control Language Compatibility

Line Printer Mode, Easy Print, DPL, ZPL II®, CPCL, IPL™, XML (limited)

Device Management Support and Compatibility

NETira

NETira MD: mobile device management utility for smart mobile devices

AirWatch® Mobile

Wavelink® Avalanche MC

Soti Mobilink

Network Compatibility

TCP/IP-based networks, AS/400 (LPD)-based networks

O/S Support

Microsoft® Windows® XP, Vista, 7, 8, and 10

Label Design Software Compatibility

BarTender®, Niceware/NiceLabel
ERP Systems

SAP®, Oracle®

Software Development Kit

Android™ 4.0 and above

Apple iOS 5, 6, and 7

Microsoft® Windows desktop up to Windows® 8, Windows® 8 Store, Windows® Mobile and Windows® CE

C++, C Sharp, Java™, ActiveX Control
Belt Clip

The belt clip is included with your printer. The nub attachment allows the printer to swivel for comfort when you are bending over or getting in and out of vehicles.

Shoulder Strap/Hand Strap (RP4 Printer Only)

Each hand or shoulder strap incorporates heavy-duty clasps for an easy and secure attachment, however, these are not OSHA-approved safety straps.

Both the hand strap and shoulder strap have a limited breakaway strength. If the strap is caught or wrapped and pulled beyond normal use the strap will come off the attachment points. Do not use the straps for mounting, hanging or as the means for a permanent installation of the printer. If the latch appears damaged (white stress marks in the plastic) discontinue use and replace.
Belt Loop

The Velcro® loop fastens comfortably and securely around your belt and keeps the printer secure. The nub attachment allows the printer to swivel for comfort when you are bending over or getting in and out of vehicles.

Soft Case

Proper use of this case will allow the printer to be used in harsh, dusty, or rainy environments. This case will protect your product against particles as small as dust, and water from any direction. This case can be used in conjunction with the hand/shoulder straps as well the belt-loop and belt-clip accessories.

The soft case is not designed for extensive prolonged use in the rain. Do not allow water to enter the case when changing media.

Caution: Excessive water inside the printer, even if a soft case is used, may violate your warranty.

1. Slide the printer into the case, then close the case using the 2 side zippers and Velcro® closure.
2. Fold back the paper exit flap for each print job. The paper exit flap can also be rolled up out of the way and secured using the Velcro® strip. Doing so decreases the effectiveness of the case for water protection.
Never attempt to charge when the printer case or printer is wet since a short circuit could occur. Remove the printer from the case, allow to completely dry, and then charge. In the event water is believed to have entered the printer, remove the battery and allow the unit to dry for several days before installing the battery or charging.

**USB On-the-Go**

The RP2 or RP4 printer can act as a host so another device such as a bar code reader, USB flash drive, or keyboard can be added. Contact your Sales Representative for a USB On-the-Go cable.
The RP2, RP3, and RP4 printers support several printer languages, such as CPCL, ZPL, and DPL. The printers default to auto input mode that detects the type of script, then switches to the desired printing language. The following instructions guide you through manually changing the printer language.

**Note:** You should only select up to 2 printer languages. You may experience unintended results if you select more than 2.

1. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) to query the printer.

2. Go to **Tools - Set Input Mode**.

3. Select the desired printer language from the dropdown. Click **Set** and **Done**.

4. Click the **Send** button to send this change to the printer.

Allow 30 seconds for the printer to reset.

**Note:** The NETira CT Configuration Utility can only communicate with the printer using the DPL printer language input mode. Once the printer has been set to use an input mode other than DPL, the printer’s input mode must be changed back to Auto or DPL when you need to communicate with the NETira CT.
You can send demo label formats to the printer either using Netira CT.

**NETira CT Printer Demo**

1. Open the NETira CT Printer Configuration Utility Tool and click on **Tools - Query Printer Configuration** (or press CTRL-q) to query the printer.
2. Go to **Tools - Printer Demo**.
3. Browse to the folder containing the print files. Highlight the files to be printed and click **Add**.
4. Click **Print** to send the files to the printer.