



# CERTIS C1-30

User Manual



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Revision A

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## Safety and Environment

Please read and understand this manual before using the product for the first time.

### Precautions

Before using the Certis C1-30 Thermal Patient ID Printer, please note the following precautions:

- Read all instructions carefully before operating and prior to performing any procedure.
- Do not place the unit on an unstable surface or stand.
- Do not place anything on top of the unit.
- Keep the top clear of obstructions.
- Always use in a well ventilated area. Do not block the slots and opening on the unit, which are provided for ventilation.
- Only use the power source indicated on the rating label.
- Do not place anything on the power cord.
- This equipment is not intended for use by children.

## Technical Support

### Contact Information

For repair, technical assistance, or license information go to:

[pdchealthcare.com/Certis-C1-30-Support](http://pdchealthcare.com/Certis-C1-30-Support)

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# 1 Introduction

## System Specifications

The Certis C1-30 Thermal Patient ID Printer printer has the following specifications:

- One hand carrier loading
- Weight 3 lb (1.4 kg) not including carrier
- Direct Thermal Print Mechanism 300 dpi
- Adult and pediatric wristbands available

### Physical and Environmental Characteristics

The Certis C1-30 Thermal Patient ID Printer has the following physical and environmental characteristics:

Physical	U.S. Units	Metric Units
Dimensions	9.5" L x 4.5" W x 7.5" H	241 x 114 x 191 mm
Weight	3 lb	1.4 kg

**Note:** The table below refers to the Certis C1-30 Thermal Patient ID Printer only. Consumable performance may vary.

Environmental	Operation	Storage
Temperature (Printer) Exposing the printer to direct sunlight is not recommended.	40° to 105° F (4° to 40° C)	-22° to 140° F (-30° to 60° C)
Relative Humidity (Printer)	10% to 90% (non-condensing)	20% to 90% (non-condensing)
Temperature (AC adapter)	14° to 104° F (-10° to 40° C)	-4° to 185° F (-20° to 85° C)
Relative Humidity (AC adapter)	5% to 95% (non-condensing)	0% to 95% (non-condensing)

# 2 Setup

## Unpacking the Printer

Carefully unpack and inspect the exterior and interior of the printer.

### What's in the Box

Before setting up the printer, verify that you have received the following items in the packaging:

- Certis C1-30 Thermal Patient ID Printer Wristband Printer
- AC adapter and power cord
- USB cable
- Quick Start Guide



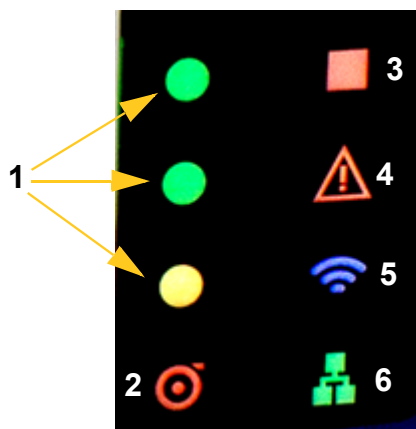
### Save the Packaging

Save the packaging surrounding your Certis C1-30 Thermal Patient ID Printer in case you have to ship the printer and accessories back to the supplier.

### Supplies

Scan the QR code on the printer to view available supplies.

## Printer Components



1. Indicates percentage of wristbands left in the carrier. When the bottom LED turns red, there is less than 10% remaining. If all three are flashing, an upgrade is in progress.

2. Carrier Light - Illuminates when there is an error with the carrier - empty, installed incorrectly, etc.

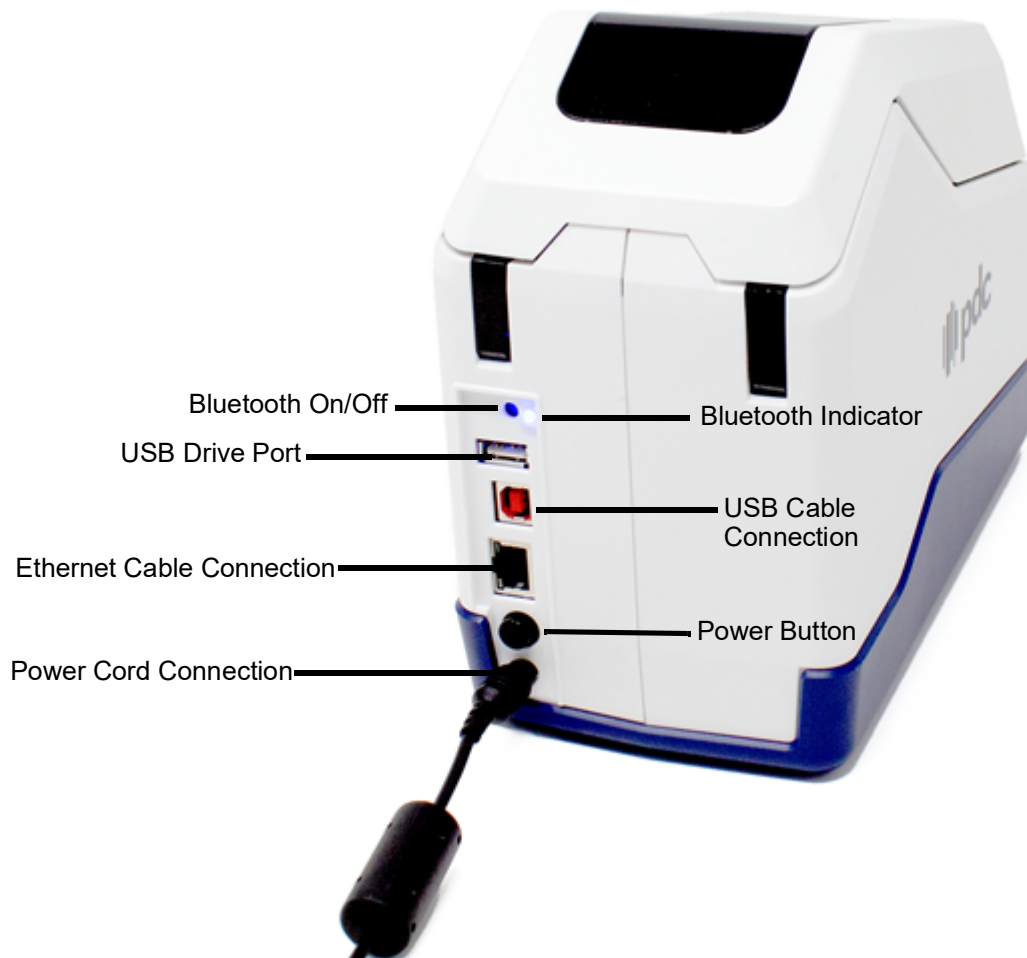
3. Illuminates when the printer is in a stopped state.

4. Will illuminate when the lid is open or the printer is in error mode and needs intervention from an IT professional.

5. Illuminates when the printer is connected to the network using Wi-Fi (available on select models).

6. Illuminates when the printer is connected to the network using an Ethernet cable. Flashes when transferring data.





- Bluetooth indicator:
  - Illuminated when Bluetooth is on and the password is set.
  - Flashing when Bluetooth is on but the password is not set.
  - Not illuminated when Bluetooth is off.
- Press the Bluetooth On/Off button for three seconds to enable or disable Bluetooth connectivity.

**Note:** If IT has disabled Bluetooth this button will not enable or disable it.

- USB cable connects from the printer to a computer.

## Power

Power is supplied to the printer through an AC power adapter.



**CAUTION!** Only use approved PDC power adapters for the printer.

### To power on the printer:

1. Insert the round end of the adapter cable into the plug-in port on the back of the printer.
2. Plug the female end of the electrical cord into the opposite side of the adapter.
3. Plug the other end of the cord into an electrical outlet.
4. Press the power button on the back of the printer.

When powering off the printer, press and hold the power button for one second.



**WARNING!** To prevent risk of fire, electrical shock, explosion, or damage:

- Do not operate the printer in temperatures above 105° F (40° C) or below 40° F (4° C).
- Do not store the printer in temperatures above 140° F (60° C) or below -22° F (-30° C).
- Do not disassemble, mistreat, or attempt to replace components in the printer.
- Do not use any AC adapter other than that specifically for use with the C1-30 wristband printer.
- Do not incinerate the printer. Keep the printer away from heat sources.
- Keep the printer away from water.
- Never lay objects on top of the printer.
- Store the printer in a cool, dry place.
- The printer must be recycled or disposed of properly according to federal, state, and municipal regulations.

## Setting up a Printer

### Install the PDC Printer Application

For more information about specific features in the software, see the chapter “PDC Printer Application” on page 10.

#### *Computer*

Download the PDC Printer Application from [pdchealthcare.com/Certis-C1-30-Support](http://pdchealthcare.com/Certis-C1-30-Support)

#### *Mobile Device*

Download the PDC Printer Application from Apple App Store or the Google Play Store for a mobile device.



#### *Embedded Web Server*

To open the Embedded Web Server, which contains many of the same features as the PDC Printer Application, you will need the IP address of the printer. To print a wristband containing this information, press and hold the stop button on the printer for five seconds.

Open a browser and enter the IP address of the printer in the address bar to access the Embedded Web Server.

## Connect a Printer

#### *Bluetooth*

This section describes how to set up a primary printer and then import those settings to additional printers using a Bluetooth connection.

1. Open the PDC Printer Application on a mobile device and click **Select your language**, if changing from the English default.
2. Click **Add Printer**.
3. Click **Settings** and enter the relevant information.
4. Click **Settings > Import/Export Settings**.
5. Select the settings to import to other printers.
6. Click **Export Config File**.  
The Config File will download to your device.
7. Power on the next printer to be configured.

8. In the PDC Printer Application, click **Add Printer**.
9. In the next screen, choose the printer to configure from the Printer Discovery list.
10. Click **Settings > Import/Export Settings > Import Config File**.

## USB

This section describes how to set up a primary printer and then import those settings to additional printers using a FAT32 formatted USB drive.

USB Type-A (Host) and Type-B (Device) ports are provided on the back of the printer.

1. Open the PDC Printer Application on your desktop or laptop and click **Select your language**, if changing from the English default.
2. Click **Add Printer**.
3. Click **Settings** and enter the relevant information.
4. Plug a USB drive into the desktop or laptop.
5. Click **Settings > Import/Export Settings**.
6. Select the settings to import to other printers.
7. Click **Export Config File** and export it to the USB drive.
8. Power on the next printer and after it is booted up, plug the USB drive into that printer to automatically import the configuration settings.

The LEDs on the receiving printer will flash while the settings are importing.

**Note:** Changing certain settings will cause the printer to automatically reboot.

## Ethernet

This section describes how to configure the printer to communicate via an Ethernet (TCP/IP) connection. This method allows multiple computers/devices to send patient information to the printer.

1. Make sure the printer is turned on.
2. Connect an Ethernet cable (not provided) to the back of the printer and the other end to the Ethernet port on the Local Area Network (LAN).
3. When the network LED is illuminated, indicating that the printer is connected to the network, press and hold the stop button on the printer for five seconds.  
A wristband containing the IP address of the printer will print out.
4. Open a web browser and enter the IP address in the address bar to access the Embedded Web Server.
5. Click the Settings tab and enter the relevant information.  
Your changes will be automatically saved after the values are set.

## Loading the Carrier

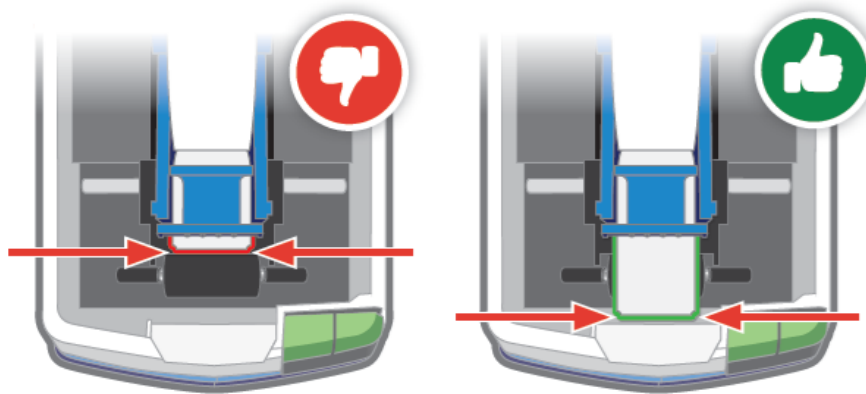
PDC carriers come equipped with smart-cell technology that enables the printer to recognize the type of carrier installed to automatically set formatting details on the wristbands.

### Loading

1. Press the cover release latch and insert the carrier straight down.



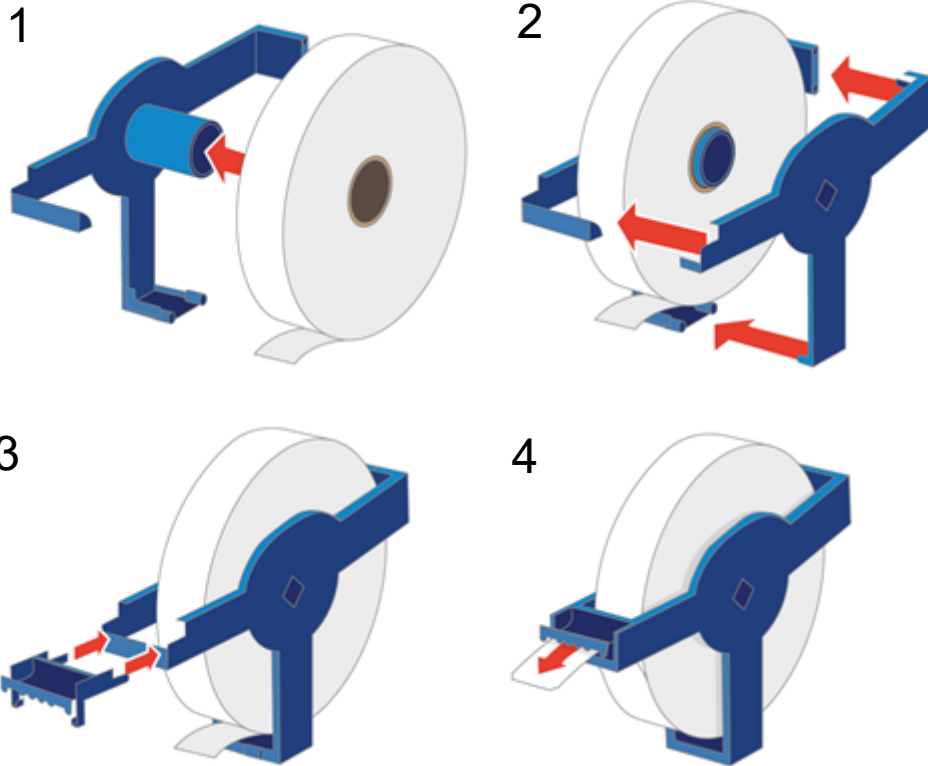
2. Extend the first wristband to the edge of the printer.



3. Close the cover.

## Carrier Assembly

If the carrier is accidentally dropped and breaks apart, follow these instructions to assemble.



# 3 PDC Printer Application

The PDC Printer Application and Embedded Web Server are used to set up printers, perform diagnostics, upgrade firmware and a host of other features described within this chapter. The app can be installed on a computer or mobile device. Alternatively, the Embedded Web Server with this information can be accessed using the printer's IP address.

For information on installing the PDC Printer Application or accessing the Embedded Web Server, see ["Install the PDC Printer Application" on page 6](#).

All of the features described below are on the computer and mobile app versions of the PDC Printer Application but may not be shown in the Embedded Web Server.

## Printer Discovery

To access a specific printer, click the more button  to open the printer discovery screen.

A search bar is available to find a specific printer.

The Ping My Printer button will cause the LEDs on the front of the printer to briefly flash on and off.

Use the Disconnect button to disconnect the printer from the app.

## Diagnostics

Provides information specific to each printer.

### Device Status

- Indicates if the printer is ready to print or in error mode.
- Shows details for the type of carrier installed and the remaining supply.
- Displays and exports error logs.

### Lifetime Info

Displays how many wristbands and total inches have been printed.

### Diagnostic Label

Evaluate errors when the printer does not have a network connection. Information includes the printer name, Ethernet and Wi-Fi addresses (depending on if the model is Wi-Fi capable), MAC address, gateway, and subnet mask.

To print a wristband containing this information, use the on-screen print button or press and hold the stop button on the printer for five seconds.

## About

Displays system information about the printer:

- Model
- Serial number
- Ethernet MAC
- Bluetooth MAC
- Wi-Fi MAC (dependent on model)
- Firmware version
- Label Library version
- Bluetooth firmware version
- Wi-Fi firmware version (dependent on model)
- Application information
- Open source partners

## Analytics and Improvements

Enable or disable collection of anonymous data.

## Privacy Policy

[Link to read privacy policy in its entirety.](#)

# Settings

## Network Settings

### *Wired (Ethernet)*

View or change the following settings:

- IP Settings
- IP Address
- Subnet Mask
- Default Gateway

### *Other Settings*

- Enter raw port



## ***Wireless (Wi-Fi)***

Only available on select models.

View or change the following settings:

- IP Settings
- IP Address
- Subnet Mask
- Default Gateway

## ***Wi-Fi Settings***

Only available on select models.

- Enable Wi-Fi on the printer by clicking the on/off switch.
- Select from the available networks.
- Enter network details as required for selected network.
- Upload the security certificate.

## ***Connected Network***

Only available on select models.

- Remotely disconnect the printer from the Wi-Fi network.

## ***Bluetooth Settings***

Enable Bluetooth capability on the printer by clicking the on/off switch.

- Disable/Enable the Bluetooth button on the printer.
- Change or disable the Bluetooth password from this menu.

## ***Printer Settings***

- Set or change the printer name.
- Set or change the location of the printer.
- Adjust the vertical and horizontal position of the contents on the label.
- Adjust the position the printer stops at after printing to tear-off the wristband.
- Set the unit of measurement to inches or millimeters.
- Adjust the print darkness to apply more or less ink on the wristband.
- Set 180-degree rotation for compatibility with HC100 Zebra mode.

## ***Password Settings***

Set a password to restrict others from changing settings on the printer. If the password is forgotten, enter in the serial number of the printer.

## USB Settings

Enable or disable the USB port for external drives.

## Date and Time

- Set date and time.
- Set time zone.
- Sync date and time with device.

## ZPL Settings

- Select the DPI for the ZPL script.
- Current carrier information.
- ZPL script adjustments.

For more information on supported commands, find the ZPL manual at [pdchealthcare.com/Certis-C1-30-Support](http://pdchealthcare.com/Certis-C1-30-Support).

**Note:** Be sure to set the dpi to the same as which the ZPL was written. For example, if the ZPL was written in 203 dpi this setting should reflect that same value.

## Import/Export Settings

Use this feature to import or export printer configuration settings between C1-30 printers. With one click you can export all settings for a full printer configuration or customize the exact settings needed.

- Wired (Ethernet).
- Bluetooth enabled / disabled.
- Printer settings.
- Printer password settings.
- USB external drives enabled / disabled.
- ZPL settings.
- Printer files (fonts, images)

The Ping My Printer button will cause the LEDs on the front of the printer to briefly flash on and off.

## Firmware

Check here for updates to firmware and label library files.

Keep the firmware up to date so that the printer always has the latest functionality.

The label library values are included in a database of carrier part information that enables the printer to work optimally with various carriers. Update these values periodically to make sure the printer has data for any new carriers.

To perform an upgrade see [“Upgrading Firmware” on page 17](#) and [“Updating Printer Label Library Values” on page 18](#).

## File Manager

Check the remaining space available on the printer. Filter files for the following:

- Graphic
- Font
- ZPL
- Certificate

## Printer Actions

Restart the printer remotely.

Stop/Resume Printer - When the printer is stopped, the stop LED will illuminate and any wristbands that were sent to the printer or were already in progress will be canceled and lost. Printing should not be resumed until the feed button is pressed to dispense the unfinished wristband. Press the Stop Printer button, in the app, a second time to resume printing capability.

Print a demo wristband.

## Language

Set or change the language for the PDC Printer Application.

## Help & Feedback

Get support via email.

## Other Documentation

To find user support documentation go to: [pdchealthcare.com/Certis-C1-30-Support](https://pdchealthcare.com/Certis-C1-30-Support) or scan the QR code below.



# 4 General Operation

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## Training Video

To view a training video on printing wristbands scan the QR code below.



## Wristband Information

The information printed onto the patient ID wristband will vary by facility but could include any or all of these fields:

- Patient's Name
- Patient's Date of Birth
- Patient's Medical Record Number
- Patient's Age
- Patient's Sex
- Date of Admittance
- Barcodes

### To print wristbands:

1. Power on the printer by pressing the power button on the back.  
The printer is ready to receive when either the Wi-Fi or Ethernet LED is illuminated. If connected only via USB neither the Ethernet nor the Wi-Fi LED will be illuminated.
2. Open the electronic medical records system containing patient information.
3. Select the C1-30 printer, the name for which is determined by the IT department.
4. Press print.
5. Tear off the wristband.

**Note:** If the stop button on the printer is pressed, the stop LED will illuminate and any wristbands that were sent to the printer or were already in progress will be canceled and lost. Printing should not be resumed until the feed button is pressed to dispense the unfinished wristband.

# 5 Maintenance



## Cleaning

Perform the following cleaning routine after every multiple of 1,200 wristbands have been printed. This will keep the printer running at optimal performance. To view number of wristbands printed, see [“Lifetime Info” on page 10](#).

1. Lightly moisten a soft (non-scratching) cloth, paper towel or swab with isopropyl alcohol and clean the following components:
  - Outer case
  - Print head

**IMPORTANT!** Never spray cleaning liquid directly on the LED indicators or pour liquid directly on device.

2. Remove the carrier and with safety glasses on, spray compressed air on all visible areas inside the printer to remove accumulated dust and debris.

## Upgrading Firmware

### Using the App or Embedded Web Server

**IMPORTANT!** If power to the printer is interrupted during an upgrade, the upgrade may not start or complete successfully. To recover, use a USB drive to finish the upgrade (see [“Using a USB Drive” on page 19](#)).

**IMPORTANT!** If the upgrade fails, the LED lights will remain on until the upgrade is completed successfully.

#### Upgrading via Network Connection:

1. Open the PDC Printer Application or access the Embedded Web Server using the printer’s IP address.
2. Navigate to **Firmware**.
3. Click **Update Now** if the version number that is available is higher than version number for the current firmware.  
The firmware for that specific printer will be updated.
4. Repeat for all printers.

**Note:** Upgrades via Bluetooth are not supported.

### Upgrade via Locally Stored File

1. Open a web browser, go to [pdchealthcare.com/Certis-C1-30-Support](http://pdchealthcare.com/Certis-C1-30-Support) and download the latest firmware version to your computer or a FAT32 formatted USB drive.
2. Open the PDC Printer Application or access the Embedded Web Server using the printer's IP address.
3. Navigate to **Firmware**.
4. Click **Browse**.
5. Find the firmware upgrade file in your local file structure to upgrade the printer.

### Using a USB Drive

If manually updating multiple printers, firmware can be downloaded from [pdchealthcare.com/Certis-C1-30-Support](http://pdchealthcare.com/Certis-C1-30-Support) on to a FAT32 formatted USB drive. Unzip the files and plug the USB drive into a printer needing an upgrade. The printer will automatically update the firmware and auto-reboot.

**IMPORTANT!** If power to the printer is interrupted during an upgrade, the upgrade may not start or complete successfully. Remove the USB drive, power on the printer and re-insert the USB drive.

**IMPORTANT!** If the upgrade fails, the LED lights will remain on until the upgrade is completed successfully.

**Note:** Pressing the stop button will not stop the upgrade.

## Updating Printer Label Library Values

### Using the App or Embedded Web Server

#### Upgrading via Network Connection:

1. Open the PDC Printer Application or access the Embedded Web Server using the printer's IP address.
2. Navigate to **Firmware**.
3. Click **Update Now** if the version number that is available is higher than version number for the current label library.  
The label library for that specific printer will be updated.
4. Repeat for all printers.

**Note:** Upgrades via Bluetooth are not supported.

#### Upgrade via Locally Stored File

1. Open a web browser, go to [pdchealthcare.com/Certis-C1-30-Support](http://pdchealthcare.com/Certis-C1-30-Support) and download the latest label library version to your computer or a FAT32 formatted USB drive.
2. Open the PDC Printer Application or access the Embedded Web Server using the printer's IP address.

3. Navigate to **Firmware**.
4. Click **Browse**.
5. Find the label library upgrade file in your local file structure to upgrade the printer.

## Using a USB Drive

If manually updating multiple printers, the label library can be downloaded from [pdchealthcare.com/Certis-C1-30-Support](http://pdchealthcare.com/Certis-C1-30-Support) on to a USB drive. Unzip the files and plug the USB drive into a printer needing an upgrade.

**Note:** Pressing the stop button will not stop the upgrade.

## Mounting Printer

Although it is not necessary to secure the printer on a flat, horizontal surface, it can be more securely fastened using four (M3) size screws with a 0.5mm pitch (not provided). Horizontal distance between the holes is: 3.15" (80 mm). Vertical distance between the top and bottom holes is: 4.094" (104 mm). The depth of the holes is 5 mm.





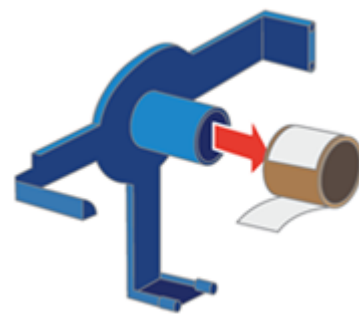
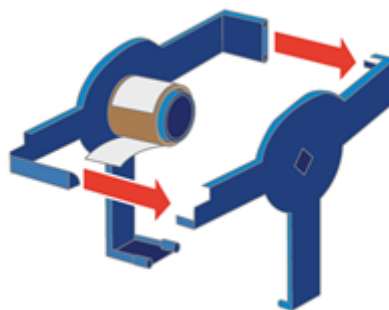
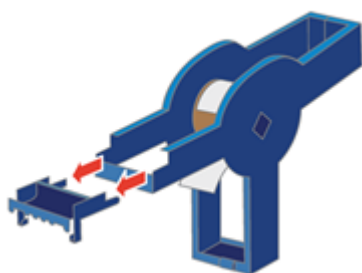
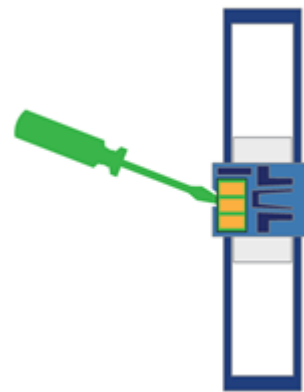
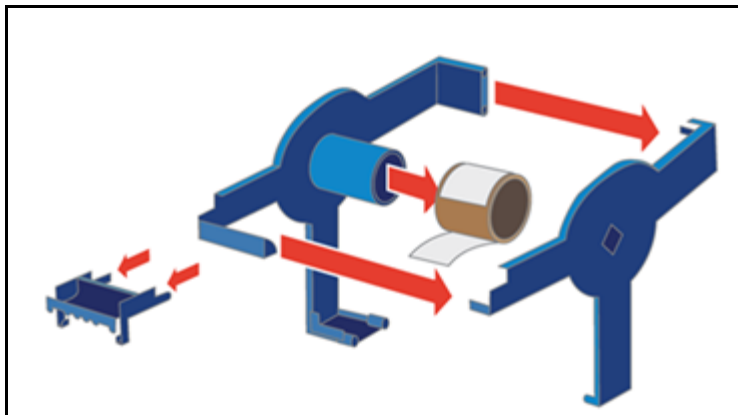
## Recycling

Carriers need to be recycled in accordance with local regulations. Before recycling, the used carrier must be pulled apart to release the individual components which then must be recycled in the correct recycling bins.



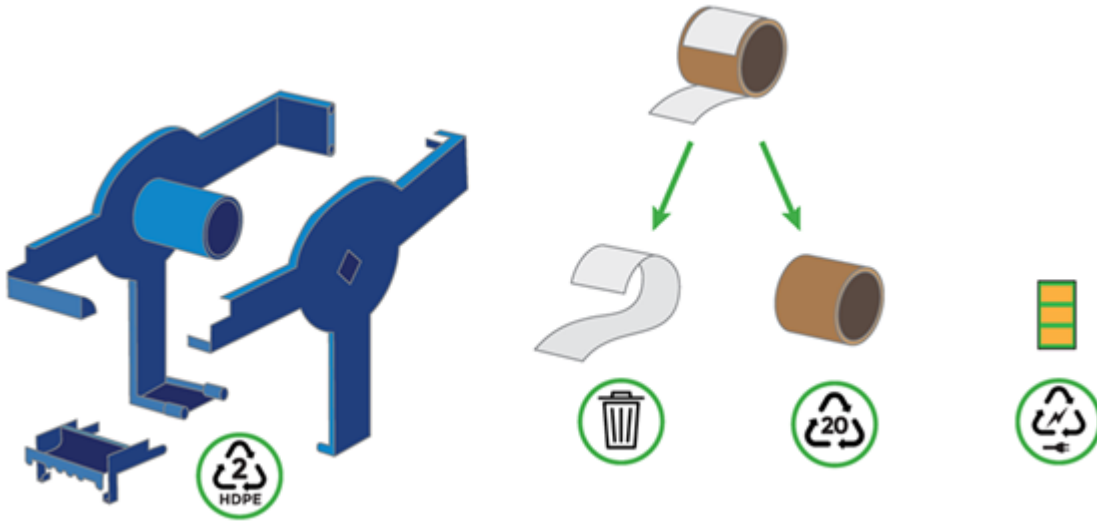
**CAUTION!** Always wear personal protective equipment (PPE) when dismantling a carrier.

### Dismantling the Carrier



## Recycling Components

These components should be removed from the carrier and recycled according to the following guidelines.



# 6 Troubleshooting

## LED Behavior

### Error



#### Light is on and printing is allowed:

- No Label Library, or the wrong type, is installed for that printer.

#### Light is on and no printing is capable:

- Printhead is overheated or too cold; allow the printer to rest and check the ambient temperature.
- There is a printhead error, contact Technical Support.
- Cover is closed but not latched. Open and securely close cover.

### Network



If the LED is not illuminated, check that the Ethernet cable is securely plugged into the printer and network port.

LED flashes when receiving print jobs.

### Bluetooth



#### Bluetooth LED is not illuminated:

Press and hold the BLE on/off button located on the back of the printer for a full three seconds to turn on. Then confirm that it is enabled in the app or web interface.

Note: If IT has disabled Bluetooth this button will not enable or disable it.

#### Bluetooth LED is flashing:

Bluetooth is on but no password has been set.

### Wi-Fi



#### Wi-Fi LED is not illuminated:

- Wi-Fi is not connected to the network.
- Wi-Fi is not enabled in the app for that printer.

Wi-Fi is available on select models.

# A Regulatory Compliance



## Agency Compliance and Approvals

### United States

#### *FCC Notice*

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area may cause harmful interference in which case the user will be required to correct the interference at his own expense.

In instances where interference is experienced, the following measures are recommended to assist in mitigation:

- Reorient or reposition the equipment relative to the interference.
- Increase the separation distance between the equipment and the interference.
- Connect equipment to a separate power circuit than the interference if applicable.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including interference that may cause undesired operation.

### Canada

Innovation, Science and Economic Development (ISED)

Canada ICES-003: Information Technology Equipment (including Digital Apparatus)

Canada NMB-003: Équipement de technologie dell'information(incluant les appareils numériques)

CAN ICES-3 (A)/NMB-3(A)

### **Batteries Directive 2006/66/EC**



This product contains a lithium coin cell battery. The crossed-out wheeled bin shown to the left is used to indicate 'separate collection' for all batteries and accumulators in accordance with European Directive 2006/66/EC. Users of batteries must not dispose of batteries as unsorted municipal waste. This Directive determines the framework for the return and recycling of used batteries and accumulators that are to be collected separately and recycled at end of life. Please dispose of the battery according to your local regulations.

#### **Notice to Recyclers**

##### **To remove the lithium coin cell battery:**

1. Disassemble printer and locate the lithium coin cell battery located on the main circuit board.
2. Using a small screwdriver, pry the battery from its holder and remove the battery from the board. Dispose of in accordance with local regulations.



**CAUTION! RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.**

ATTENTION Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur. Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

## Wireless Regulatory Information

*Applies to the Wi-Fi module only included in printer models that support wireless communication.*

Regulatory markings, subject to country certification, are applied to host printer signifying Wi-Fi and Bluetooth (radio) approvals have been obtained.



**WARNING!** Operation of the device without regulatory approval for the region in which the equipment is being operated is illegal.

Radio protocol	WLAN IEEE 802.11b/g/n	Bluetooth BLE
RF Operating Frequency	2.412 – 2.462 GHz	2.402 – 2.480 GHz
RF Output Power	< +20dBm EIRP (100mW)	< +10dBm EIRP (10mW)
Antenna Type \ Antenna Gain	PCB trace antenna \ 2.3 dBi	PCB trace antenna \ 2.0 dBi
Environmental Operation	40° to 105° F (4° to 40° C) <b>Note:</b> Be mindful of the maximum operating temperatures for the printer. See <a href="#">“Physical and Environmental Characteristics” on page 1.</a>	
Environmental Storage	-22° to 140° F (-30° to 60° C) <b>Note:</b> Be mindful of the maximum storage temperatures for the printer. See <a href="#">“Physical and Environmental Characteristics” on page 1.</a>	

### United States

**Note:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and, (2) this device must accept any interference received, including interference that may cause undesired operation.

**Co-located statements:** To comply with FCC RF exposure compliance requirement, the antenna used for this transmitter must not be co-located or operating in conjunction with any other transmitter/antenna except those already with radio module filing.

**RF exposure guidelines / Important note:** This equipment complies with FCC SAR exemption limits set forth for an uncontrolled environment when properly used as instructed.

## Canada

Innovation, Science and Economic Development (ISED)

CAN ICES-3 (A)/NMB-3(A)

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSSs. Operation is subject to the following two conditions:

1. This device may not cause interference; and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. l'appareil ne doit pas produire de brouillage;
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**Déclarations coimplantées :** pour se conformer aux exigences de la IC relatives à la conformité à l'exposition RF, l'antenne utilisée pour cet émetteur ne peut être coimplantée ou opérée conjointement avec tout autre émetteur ou toute autre antenne, excepté ceux disposant déjà d'un module radio.

**Directives sur l'exposition RF/ remarques importantes :** cet équipement est conforme aux limites d'exposition aux rayonnements ISED définies dans la norme RSS-102 établies pour un environnement non contrôlé lorsqu'il est correctement utilisé selon les instructions.