

Printer 802.11 Radio Interface Kit

PD41, PD42, PF2i, PF4i, PM4i, PX4i, PX6i

Installation Instructions

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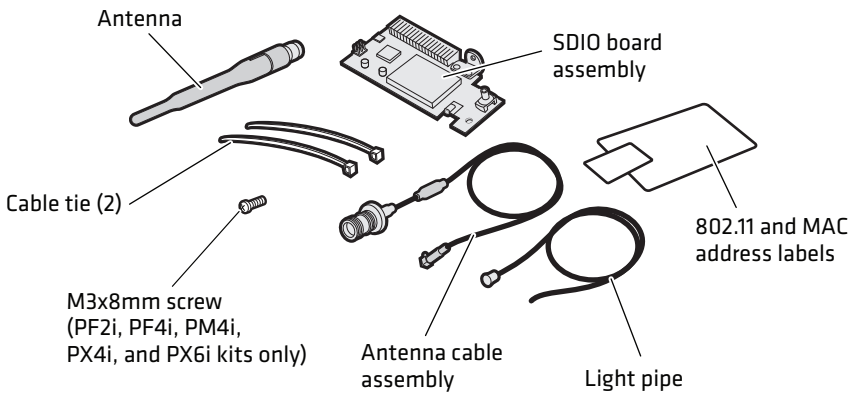
There are U.S. and foreign patents as well as U.S. and foreign patents pending.

What Is the Printer 802.11 Radio Interface?

This 802.11 radio interface enables 802.11 radio functionality on these Intermecc printers:

- PD41
- PD42
- PF2i
- PF4i
- PM4i
- PX4i
- PX6i

What You Get



What You Need

- An Intermecc PD41 or PD42 printer running Fingerprint v10.6.0 or later or IPL v2.77.0 or later
Or, an Intermecc PF2i, PF4i, PM4i, PX4i, or PX6i printer running Fingerprint v8.77.0 or later or IPL v2.77.0 or later
- A #T10 and a #T20 Torx screwdriver
- A small Phillips screwdriver
- A small wrench

To install the 802.11 interface, you need to open the printer and physically install the interface board in the printer.



Warning

This interface kit must only be installed by an authorized service technician. The device is country/region specific and must be ordered for the correct country/region. Use of this device in other region than shown on the device home page/test label may violate applicable law.



Follow ESD
Procedures

Follow standard ESD guidelines to avoid damaging the equipment you are servicing.



Caution

Before you begin, turn off the printer and disconnect the power cord and communication cables.



Warning

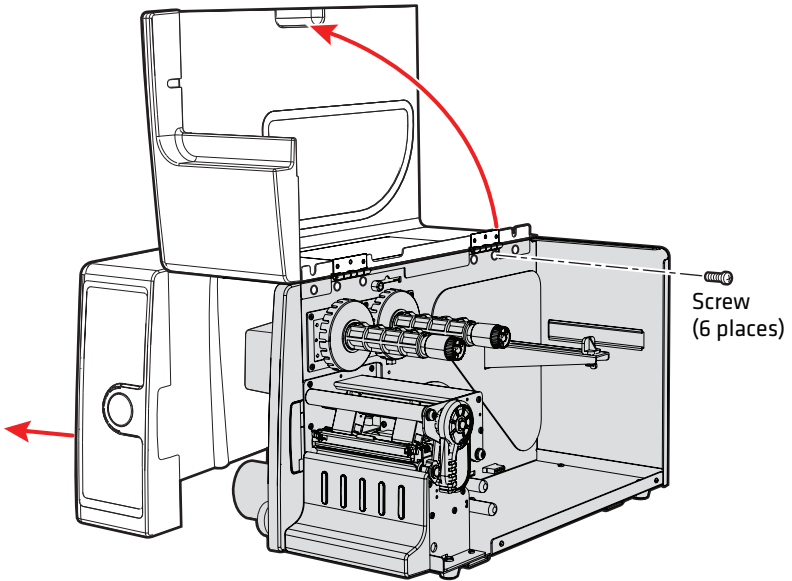
The electronic compartment contains wires and components with dangerous voltage (up to 380 V). Make sure that the printer is switched off and the power cord is disconnected before the cover is removed.

Opening the Printer

The method you use to open the printer depends on what type of printer you are opening.

To open a PD41 or PD42

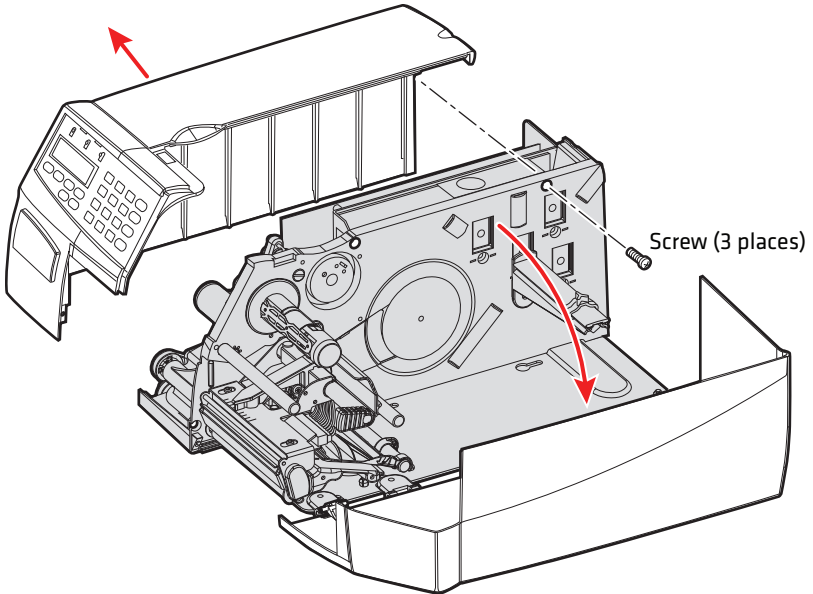
- 1 Open the media cover.



- 2 Use a small Phillips screwdriver to remove the four screws that secure the media cover to center section.
- 3 Remove the media cover, and put the cover aside on a soft cloth to avoid scratches.
- 4 Remove the two screws that secure the electronics cover to the center section.
- 5 Remove the electronics cover, and put the cover aside on a soft cloth to avoid scratches. You may need to pry the cover off of the printer.

To open a PF2i or PF4i

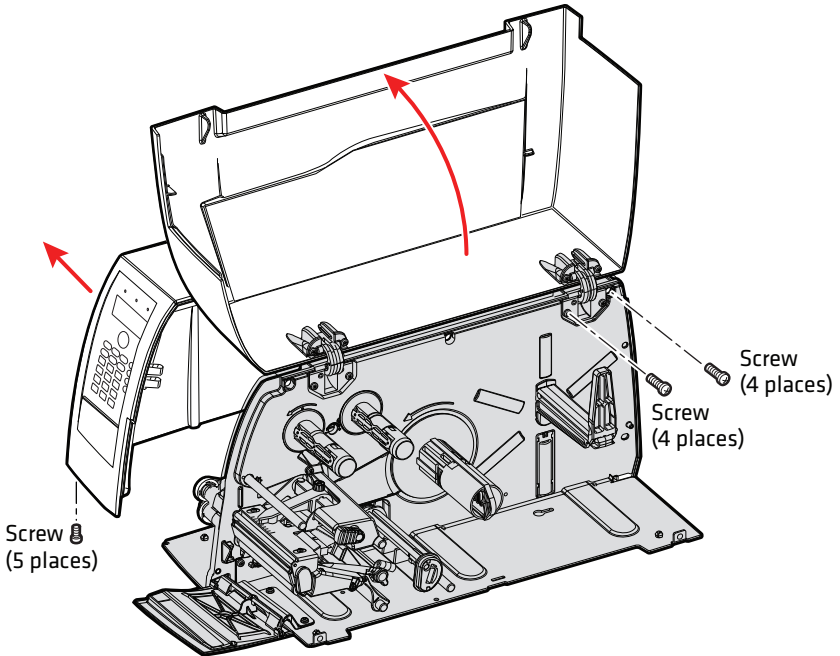
- 1** Open the media cover.



- 2** Use a #T20 Torx screwdriver to remove the three screws that secure the electronics cover to the center section.
- 3** Lift the electronics cover up so it disengages from the bottom plate.
- 4** Put the cover aside on a soft cloth to avoid scratches.

To open a PM4i

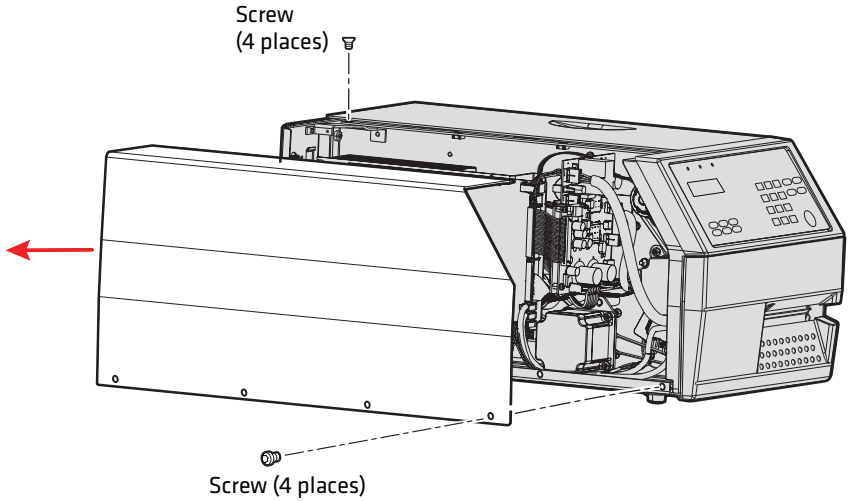
- 1 Open the media cover.



- 2 Use a #T20 Torx screwdriver to remove the four screws that secure the media cover to the center section.
- 3 Remove the media cover and put the cover aside on a soft cloth to avoid scratches.
- 4 Remove the four screws that secure the electronics cover to the center section. You may need to remove the front door.
- 5 Remove the five screws that secure the electronics cover to the lower left edge and front of the bottom plate.
- 6 Remove the electronics cover and put the cover aside on a soft cloth to avoid scratches.

To open a PX4i or PX6i

- 1 Use a #T10 Torx screwdriver to remove the eight screws that secure the electronics cover.



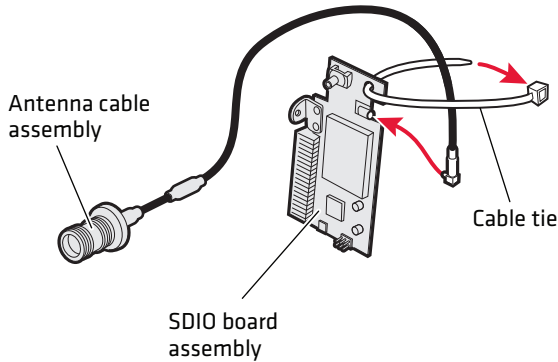
- 2 Put the cover aside on a soft cloth to avoid scratches.

Installing the 802.11 Interface

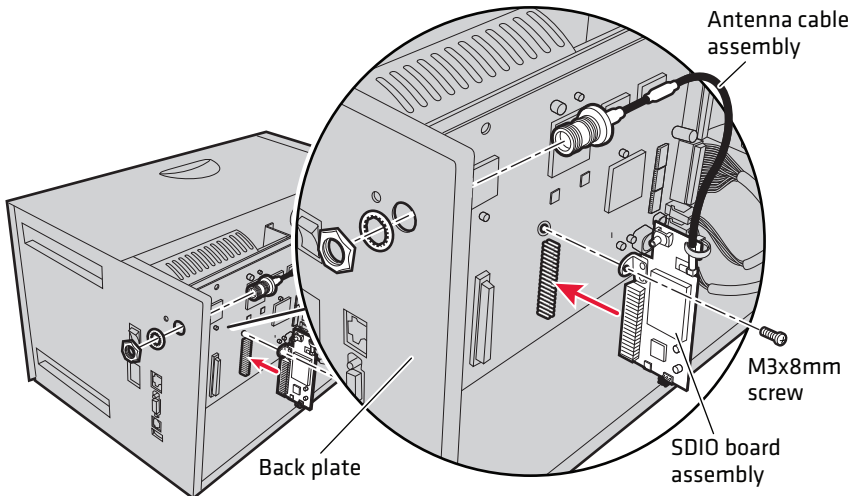
This procedure describes how to install the 802.11 interface in a PD41, PD42, PM4i, PF2i, PF4i, PX4i, and PX6i printer.

To install the 802.11 interface

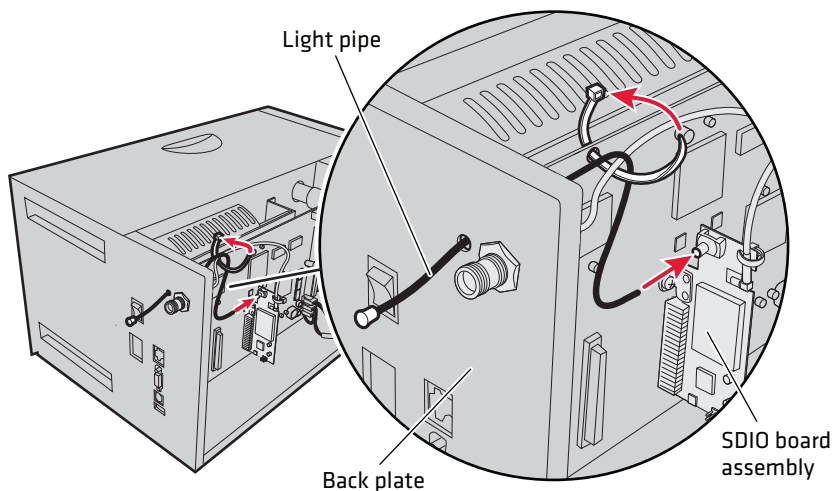
- 1 Insert the antenna cable into the antenna cable jack on the SDIO board assembly.



- 2 Secure the antenna cable to the SDIO board assembly with a cable tie. Note the location of the head of the cable tie.
- 3 Trim the excess from the cable tie.
- 4 (PD41 and PD42 only) Remove the M3x8mm screw from the printer.

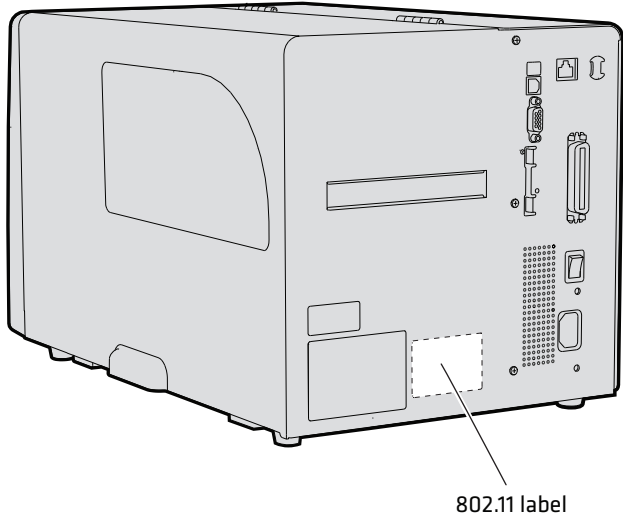


- 5 Insert the SDIO board assembly into the 44-pin connector.
- 6 (PD41 and PD42 only) Route the antenna cable behind the real-time clock board, and secure the SDIO board assembly with the screw.
- 7 (PF2i, PF4i, PM4i, PX4i, and PX6i) Secure the SDIO board assembly with the M3x8mm screw that shipped with the kit.
- 8 Install the other end of the antenna cable on the back plate and tighten the nut.
- 9 Insert the light pipe through the back plate, and press the end of the light pipe into the back plate.

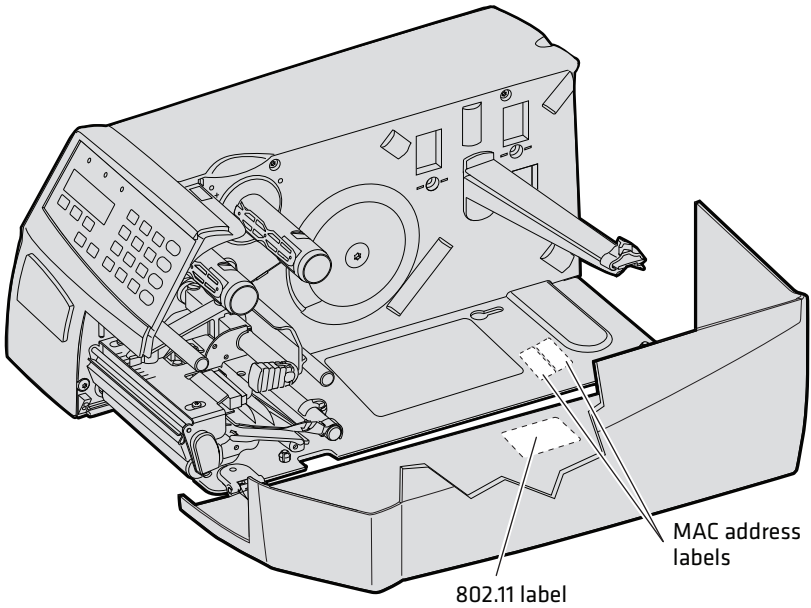


- 10 Connect the light pipe to the SDIO board assembly.
- 11 Use the other cable tie to secure the antenna cable and the light pipe to the printer as shown.
- 12 Trim the excess from the cable tie.
- 13 Close the printer.
- 14 Connect the antenna to the antenna connector on the back plate.

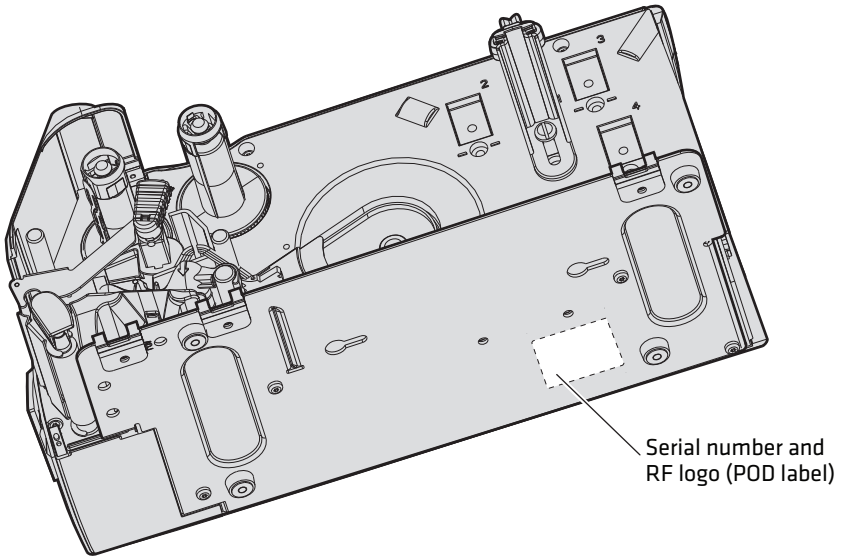
15 Affix the labels to the appropriate locations on the printer.



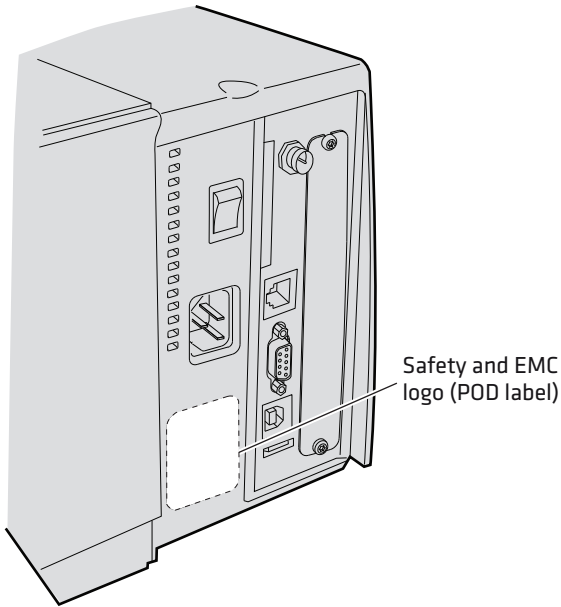
PD41 or PD42 802.11 Label



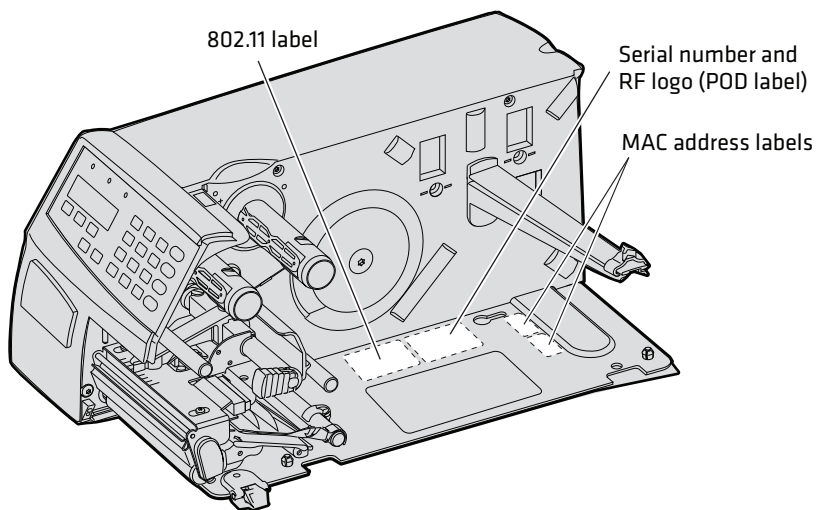
PF2i 802.11 and MAC Address Labels



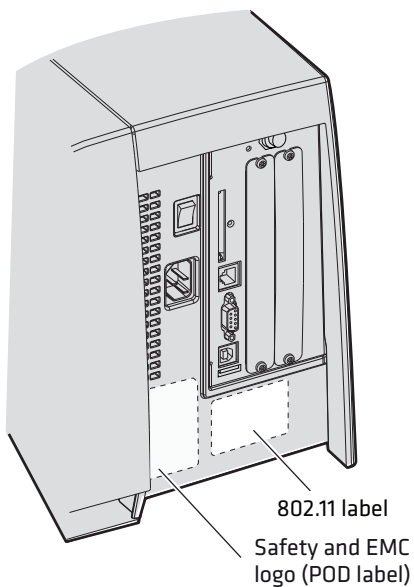
PF2i Serial Number Label



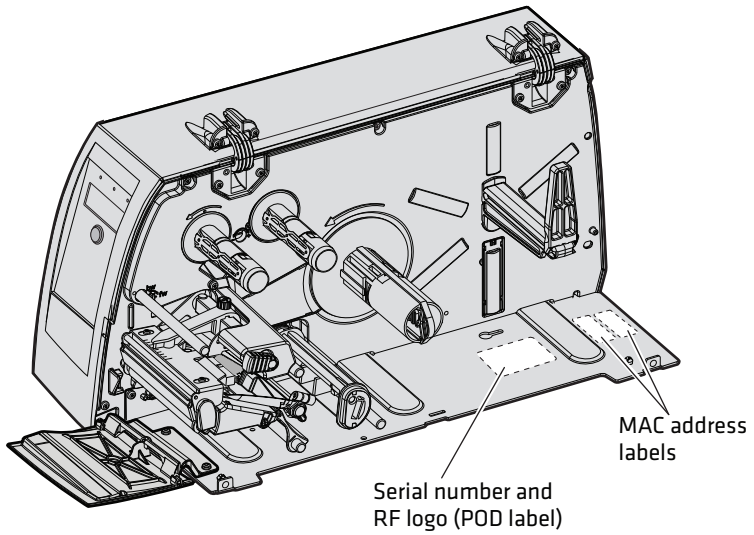
PF2i and PF4i Safety Label



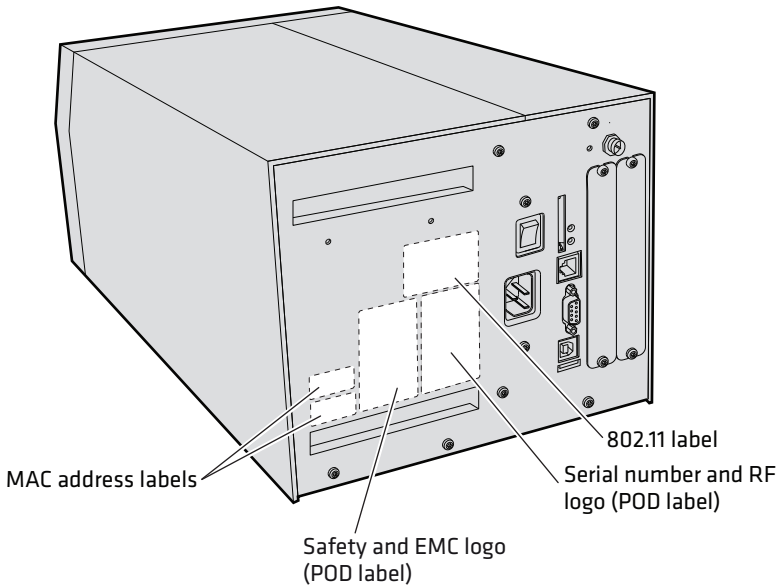
PF4i 802.11, Serial Number, and MAC Address Labels



PM4i Safety and 802.11 Labels



PM4i Serial Number and MAC Address Labels



PX4i and PX6i MAC Address, Safety, Serial Number, and 802.11 Labels



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P/N 931-064-002