![PAX logo] Your Payment Partner of Choice

PAX D220 Mini POS

Quick Setup Guide

PAX Technology®   1   **20180801 v1.1**
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1 PAX D220 Features

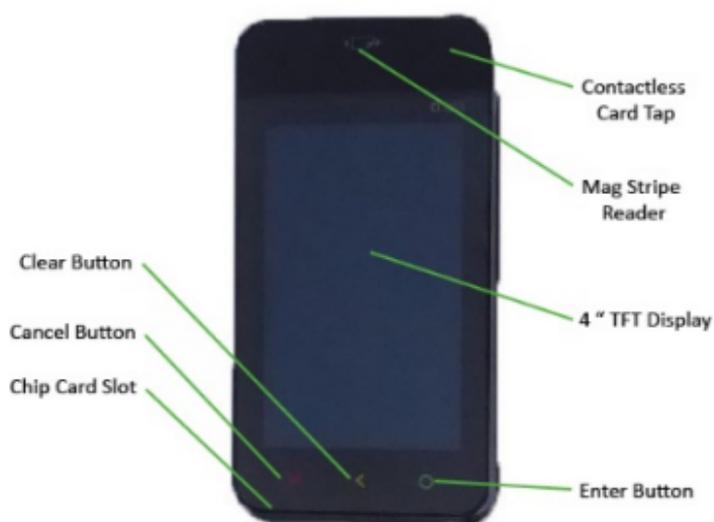The sleek and elegant D220 comes with state-of-the-art technology including:

- Cortex A9 processor
- Flash 512MB+DDR 512MB
- MagStripe, EMV Chip, NFC
- PCI 4.x certified, SRED
- Optional wireless power charger
- 1 Micro SAM slot
- 1 Micro SIM slot
- 1 SD Card slot
- 3G, 4G LTE, *Bluetooth*® wireless technology, Wi-Fi

2 What's in The Box

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3 D220 Front Side

Contactless Card Tap

Mag Stripe Reader

Clear Button

Cancel Button

Chip Card Slot

4 " TFT Display

Enter Button

4 D220 Back Side

Camera

Speaker

Rear Cover

Part Number
Serial Number

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5   D220 Power Button and USB Port

Micro
USB Port

Power
Button

6   D220 Charging Instructions

1. Plug in the USB AC adapter.
2. Plug the standard USB end of the cable to the AC adapter or a PC USB port.
3. Plug the micro USB end of the cable into the micro USB port on the D220 terminal.
4. Allow the battery to charge until full.

NOTE

Battery must remain installed for proper operation.

7   D220 Power On/Off

1. Power on the terminal by pressing and holding the power button down for 3-5 seconds and then release.
2. Power off the terminal by pressing and holding the power button down for 3 to 5 seconds and then release.

8   D220 Communication Setup

The D220 supports Wi-Fi for network and internet access. To communicate with the host, other devices, and/or download applications, you must first configure communication settings.

This guide only describes setting up Wi-Fi for the first time for following options:

- Basic Wi-Fi
- Static IP (SSID Visible)
- Static IP (SSID Not Visible)
- Proxy Server Manual Setup

8.1   D220 Basic Wi-Fi Setup

The only purpose for setting up Wi-Fi out of the box is to allow the terminal to download its working application. After this initial setup, the terminal settings are changed through the application as configured in BroadPOS.

Configure the terminal Wi-Fi settings as follows.

1. Power on the terminal and wait for the IDLE screen to display.
2. From the IDLE screen press and hold the Cancel and Enter buttons at the same time for 1 to 3 seconds.
3. Input the password and press the Enter button.
4. Use the Right Arrow on the screen, navigate to and select the Communication option.
5. Input the password and press the Enter button.
6. Use the Right Arrow on the screen, navigate to and select the Wi-Fi Parameters option.

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7. The terminal searches for Wi-Fi networks and only displays local Wi-Fi networks that have the SSID broadcast option enabled.
8. Use the Right and Left Arrows on the screen to review and select the desired Wi-Fi network.
9. Select the Password option, input the case-sensitive password and press the Enter button.
10. Use the X button on the screen to back out of the options until you see the "Please Wait, Wi-Fi Init…" message.
11. The terminal attempts to connect to the Wi-Fi network. If the connection is successful, the network icon at the top of the screen changes to blue from gray and shows relative signal strength.
12. If there is a connection error, the screen displays, "Please wait Wi-Fi connecting failed" and returns to the IDLE screen. The terminal automatically tries to connect again every 30 seconds.
13. If you receive the connection error, ensure you have the correct, case sensitive password and that you are selecting the correct Wi-Fi network.
14. Repeat Steps 1 through 6 in this section.
15. After selecting the Wi-Fi parameters option (Step 6), use the Right Arrow on the screen, navigate to and select the Switch Router option.
16. The terminal searches for Wi-Fi networks.

17. Use the Right and Left Arrows on the screen to review and select the desired Wi-Fi network.
18. Select the Password option, input the case-sensitive password and press the Enter button.

8.1.1   Wi-Fi Static IP Setup (SSID Visible)

If you are required to setup a Wi-Fi connection with a static IP and you know that the SSID is visible, perform the steps in this section.

Before you begin configuration, ensure that you have the correct network information; IP Address, Subnet mask, Gateway ID, passwords, etc.

If you are required to setup a Wi-Fi connection with a static IP and you know that the SSID is NOT visible, perform the Steps in Section 8.1.2 Wi-Fi Static IP Setup

(SSID Not Visible).

1. Perform Steps 1 through 6 as shown in Section 8.1 D220 Basic Wi-Fi Setup.
2. After selecting the Wi-Fi parameters option (Step 6), use the Right Arrow on the screen, navigate to and select the Switch Router option.
3. The terminal searches for Wi-Fi networks.
4. Use the Right and Left Arrows on the screen to review and select the desired Wi-Fi network.
5. Select the Password option, input the case-sensitive password and press the Enter button.
6. Select the DHCP Type option and select Static.
7. Select the IP Address option, input the IP Address, and press the "Enter" button.

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8. Select the Subnet Mask option, input the Subnet Mask, and press the "Enter" button.

9. Select the Gateway IP option, input the Gateway IP, and press the "Enter" button.

10. Select the DNS IP option, input the DNS IP, and press the "Enter" button.

11. If the broadcast SSID is disabled on the access point, the terminal will not display the SSID on the available Wi-Fi network list. You will have to manually configure the terminal for a Static connection.

8.1.2   Wi-Fi Static IP Setup (SSID Not Visible)

If you are required to setup a Wi-Fi connection with a static IP and you know that the SSID is not visible, perform the steps in this section.

Before you begin configuration, ensure that you have the correct network information; IP Address, Subnet mask, Gateway ID, passwords, etc.

1. Perform Steps 1 through 6 as shown in Section 8.1 D220 Basic Wi-Fi Setup.

2. After selecting the Wi-Fi parameters option (Step 6), use the Right Arrow on the screen, navigate to and select the SSID option.

3. Input the SSID of the desired network.

4. Select the Security option, select the appropriate security type for your network and input the case sensitive Wi-Fi network password.

5. Select the DHCP Type option and select Static.

6. Select the IP Address option and input the IP Address, and press the "Enter" button.

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7. Select the Subnet Mask option, input the Subnet Mask, and press the "Enter" button.
8. Select the Gateway IP option, input the Gateway IP, and press the "Enter" button.
9. Select the DNS IP option, input the DNS IP, and press the "Enter" button.

8.1.3 Wi-Fi Proxy Server (Manual Setup)

If you are required to setup a Wi-Fi connection via a proxy server, perform the steps in this section. Before you begin configuration, ensure that you have the correct network information; URLs, Address, Subnet mask, Gateway ID, passwords, etc.

1. Perform Steps 1 through 6 as shown in Section 8.1 D220 Basic Wi-Fi Setup.
2. After selecting the Wi-Fi parameters option (Step 6), use the Right Arrow on the screen, navigate to and Host Settings option.
3. Input the case-sensitive password and press the Enter button.
4. Select the Host URL Params option.
5. Select the Auth. URLs option.
6. Select the Host URL 1 option.
7. Select the Host URL option and input the host URL.
8. Press the Enter button.
9. Select the Host Port option and input the host port.
10. If required, repeat Steps 7 through 9 for the Host URL 2 option.

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9   FCC Regulations

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.

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the body of this equipment is a label that contains among other information a product identifier. If requested, this number must be provided to the telephone company.

10   RF Exposure Information

This device meets the government's requirement for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

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11 PAX Customer Support

For questions or help with the terminal installation please contact your service provider or PAX customer support.

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