PAX A920 Mobile Smart Terminal
Quick Setup Guide
PAX A920 Mobile Terminal

Intelligence of an ECR in a handheld point of sale.

The PAX A920 is an elegantly designed compact secure portable payment terminal powered by an Android operating system. The A920 comes with a large high definition color display. A thermal printer and includes NFC contactless and electronic signature capture. Great battery life for portable use.
1. What’s in The Box

The PAX A920 includes the following items in the box.

- A920 Terminal
- AC Power Supply
- Thermal Paper Roll
- USB to Mini USB Cable
2. A920 Charging Instructions

Before starting the A920 battery should be fully charged by plugging the USB to mini USB cord to a PC or an AC power supply and then plug the other end with the mini USB connector into the mini USB port on the left side of the terminal. Charge the battery until full.

**Note:** There is a protective cover on the new battery terminals that must be removed before charging the battery. See Remove and Replace Battery section.
3. A920 Buttons and Functions

Front

1
2
3
4
5
6
7
8
9
3.1 A920 Buttons and Functions

Front Description

1. MSR Card Swipe
2. Front Camera Fixed 3MP
3. Volume Down Button
4. Mini USB Port
5. EMV Chip Read Card Insert
6. Contactless Card Tap
7. Volume Up Button
8. Power On/Off Button
9. 5" Capacitive Touch Screen, 1280*720 WXGA
4. A920 Buttons and Functions
Backside

[Image of A920 backside with numbered buttons and functions]

20171020 v1.3

PAX Technology®
Customer Support support@pax.us
(877) 859-0099
www.pax.us
4.1 A920 Buttons and Functions

Backside Description

1. Wi-Fi Mac Address
2. Part Number / Serial Number
3. Rear Camera Auto Zoom 5 MP
4. Battery Cover
5. Paper Cover Latch
6. Paper Cover
7. Charging Stand Contacts
8. Battery Cover Slide Latch
5. A920 Power On/Off

Power up or power off the terminal by pressing and holding the small rectangle button on the right side of the terminal for 2-4 seconds and then release.
6. A920 Communication Setup

For the terminal to communicate with the host, other devices or to download applications the terminal communication method must be configured in advance. This document covers Wi-Fi.

**Wi-Fi to DSL or Cable Connection**

- Ethernet Cable
- DSL or Cable Line

**Step 1.** Connect the Cable or DSL line from the service provider into the modem.

**Step 2.** Connect the other end of the cable line to the service provider outlet.

**Step 3.** Connect the Ethernet cable to the LAN port on the modem and connect the other end of the Ethernet cable to the LAN port on the Wi-Fi access point.

**Step 4.** Configure the terminal Wi-Fi settings using the terminal parameters.

Please refer to the owners manual of the modem and Wi-Fi access point for connection and configuration information.
7. A920 Wi-Fi Setup

The A920 supports Wi-Fi for network and internet access. Available access types are DHCP, Static and Manual Proxy. The following instructions include setting up for each communication type.

**Wi-Fi DHCP Setup**

7.1.1 The Wi-Fi settings are located within the Android Settings option.
7.1.2 From the IDLE screen select the Settings Icon.
7.1.3 Input the Settings password and then select the green check button and then “OK”.

![Password Input](image)

![Check Button](image)
7.1.4 Turn on the Wi-Fi option. Then select the Wi-Fi option.

**#1 Turn on Wi-Fi**

**#2 Select Wi-Fi Option**
7.1.5 To see the available Wi-Fi networks turn on the Local Wi-Fi option. Only local Wi-Fi networks that have the SSID broadcast option enabled will be displayed.

To view or edit the network settings select the desired Wi-Fi network.
7.1.6 After selecting the desired Wi-Fi network, input the Wi-Fi case sensitive password and select “Connect”.

When the terminal has successfully connected to the Wi-Fi access point the Status will display “Connected”.

Select the back icon to return to the Settings menu or to exit.
7.2 Wi-Fi Static Setup

7.2.1 To setup Wi-Fi Static perform steps 7.1.1 to 7.1.5. Then go to step 7.2.2.

7.2.2 Top half of the screen. Select the desired Wi-Fi network and input the Wi-Fi case sensitive password. Then select the Advanced options. In the IP settings select the Static option. In the IP address enter the static IP address.
7.2.3 **Bottom half of the screen.** After the static IP address is entered then scroll the page up. In the **Gateway** section enter the gateway address. Next in the **Network prefix length** enter the network length. In the **DNS 1** section enter the DNS 1 IP address. In the **DNS 2** section enter the DNS 2 IP address. To save settings and exit select the “CONNECT” option.
7.3 Wi-Fi Manual Static Setup

If SSID is disabled on the access point the terminal will not display the SSID on the available Wi-Fi network listings. It will be necessary to manually configure the terminal for Static connection types.

7.3.1 To setup Wi-Fi Manual Static perform steps 7.1.1 to 7.1.5. Then go to step 7.3.2
7.3.2 If the desired Wi-Fi network is not displayed it will be necessary to manually configure the network. In the upper right-hand corner select the three dots icon. Then select the “Add network” option.
7.3.3 **Upper half of the screen.** The Add Network pop up screen will display. Enter the case sensitive Wi-Fi network SSID. Next select the security type from the drop-down menu. Now enter the case sensitive Wi-Fi network password. Next select “Save” to save the settings.
7.3.4 Bottom half of screen. Scroll the screen up towards the top. Select the **IP settings** and then choose Static from the drop-down menu. In the **IP address** field enter the IP address. In the **Gateway** section enter the gateway address. Next in the **Network prefix length** enter the network length. In the **DNS 1** section enter the DNS 1 IP address. In the **DNS 2** section enter the DNS 2 IP address. Next select “SAVE” to save the settings.
7.4 Wi-Fi Proxy Setup

7.4.1 To setup Wi-Fi Proxy perform steps 7.1.1 to 7.1.5. Then go to step 7.4.2.

7.4.2 To manually configure the network.

In the upper right-hand corner select the three dots icon. Then select the “Add network” option.
7.4.3 The Add Network pop up screen will display. Enter the case sensitive **Wi-Fi network SSID**. Next select the **security type** from the drop-down menu. Now enter the case sensitive **Wi-Fi network password**. Next select the “**Show advanced options**”.
7.4.4 Select the Proxy drop down menu and select the **Manual** option.
7.4.5 To scroll the screen up or down place
finger onto screen and slide the screen
towards the top or bottom. In the **Proxy**
hostname section enter the proxy host
name. Then in the **Proxy**
port section enter the proxy port
number. If there is a **Bypass for proxy** value,
then enter the bypass proxy information.
7.4.6 Next select the **IP setting** and then choose **Static** from the drop-down menu. In the **IP address** field enter the IP address. In the **Gateway** section enter the gateway address. In the **Network prefix length** enter the network length. In the **DNS 1** section enter the DNS 1 IP address. In the **DNS 2** section enter the DNS 2 IP address. To save settings select “CONNECT”.
8. How to Change the Paper Roll

8.1 To remove and replace the thermal paper roll turn the terminal over. Then near the top back side of the terminal place your finger under the paper lid release lever and pull the entire lid assembly away from the terminal. To remove the paper, roll simply pull the paper roll out.
8.2 To install a new thermal paper roll drop in the paper roll with the paper pulling from the back and out the top of the roll. Pull about 2” of paper out and close the lid until the lid snaps into place.
8.3 It is important the lid is fully closed so that the paper roll fully engages the paper. Tear off any excess paper.
9. Remove and Replace Battery

9.1 To remove and replace the battery position the A920 to show the backside of the terminal. Next locate battery cover and slide the open/close slide switch to the right. The slide switch is a tight fit. Then lift the battery cover from the base and pivot the lid upwards and remove.

To unlock slide to the right. It may be tight.
Next lift the battery from the bottom side and swing it upwards from the bottom and pull out.

9.2 To install a battery first remove the protective cover over the battery connectors. Then insert the battery with the gold connectors towards the top right side. Slide the battery upwards and then carefully push the bottom into place. Next insert the top of the battery lid into the lid hinges and then lower the bottom of the lid.
cover until it is flush with the case. Next slide the lid switch to the left. The slide switch maybe tight.
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.

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.
PAX Customer Support

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

PAX Technology Inc.
E. support@pax.us
T. (877) 859-0099
W. www.pax.us

This document is provided to you for informational purposes only. All features and specifications are subject to change without notice.
PAX are either trademarks or registered trademarks of PAX Technology Limited in China and/or other countries.
All other trademarks or brand names are the properties of their respective holders.
Copyright 2016, PAX Technology Limited, All Rights Reserved.