



Virena®

Solana® Virena Mode
Installation Instructions
for Virena WR11 4G LTE Router



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If this is the first time setting up Solana, please review the Solana User Manual to enable the features on your new Solana.

Virena Package Contents

The following system components are supplied with the router:

- Virena WR11 Router
- 2 Cellular Antennas
- Ethernet Cable
- Power Supply
- Installation Instructions



*Only authorized users approved by the Healthcare Provider's Organizational Administrator would have access to registering on MyVirena.com.

Note: If any item is missing or damaged, please contact Quidel Technical Support at 800.874.1517 (in the U.S.), 858.552.1100 (outside the U.S.) or e-mail technicalsupport@quidel.com.

Solana and Virena Mode Installation Instructions

There are a few simple steps required in order to set up your Virena WR11 Router and Solana. Let's begin with the Virena WR11 Router:

Virena Router Installation and Connection

1. **Connect the 2 Cellular Antennas:** Connect the 2 cellular antennas to the connectors on the router (Figure 1). The antennas provide improved signal strength resulting in better performance.
2. **Connect the Power Supply:** Connect the plug end of the 5-volt power supply to the power connector on the router. Insert power supply end fully and rotate clockwise to engage and lock (Figure 2). Then plug the other end into a wall outlet.

Figure 1



Figure 2



3. **Connectivity Verification:** After powering on the Virena WR11 Router, wait 5 minutes to confirm that the following lights are illuminated (Figure 3).

- POWER – solid green light.
- SIGNAL – solid green light represents good connection. If amber color light is shown, consider relocating the router to a different location.
- SERVICE – this light should flash in groups of either 1, 2 or 3 times.

Figure 3



Note: The connection provisioning time may take up to 15 minutes. If there is no Verizon Wireless connection or if LAN connection is preferred, please contact Quidel Technical Support at 800.874.1517 (in the U.S.), 858.552.1100 (outside the U.S.) or e-mail technicalsupport@quidel.com.

Solana Installation and Connection

There are five (5) steps to establishing the connection between the Solana and Virena WR11 Router.

- Solana and Virena WR11 Router Connection
- Set Network Configuration on Solana
- Virena Mode Set Up
- Virena WR11 Router Connection Verification
- How to Perform a Test in Virena Mode

Solana and Virena WR11 Router Connection

1. Power OFF Solana.
2. **Connect the Ethernet Cable:** Connect one end of the Ethernet cable to the LAN port on the router and the other end to a LAN port on the back side of Solana (Figure 4).
3. **If you have multiple Solanas to connect to one router, please see the NetGear Ethernet Switch Installation Instructions.**
4. Power ON Solana.

Figure 4



Set Network Configuration on Solana

1. Go to System (log in as Admin) ► Settings ► Device Settings ► Network Configuration ► LAN
2. Tap Static IP to ensure Static IP is highlighted, see Figure 5. Tap entry field next to "IP Address", enter the IP network address to 192.168.0.6 and tap the enter key.



Verify that all configurations on your device including: Subnet Mask, match what is shown in Figure 5.

If it does not match, please enter the correct numbers and tap the enter key.



Tap the green checkmark.



3. Network Settings menu will be displayed. Tap the "LAN" button to view the LAN screen. Ensure the IP address is valid.

Return to the Main Menu by tapping the cancel button and then the back button.



Figure 5



Note: The IP address will automatically be entered if Solana is already connected to the Virena WR11 Router.

Virena Mode Set Up – Virena Settings

1. Go to Main Menu ► Settings ► Device Settings ► Network Configuration ► Virena Settings.
2. In Virena Settings screen (Figure 6):

Activate Virena – tap to turn on.



Result transfer – tap to turn on.



Network updates – tap to turn on.



3. When completed, tap the next button (purple arrow pointing right in the lower right corner).



4. Tap the entry field next to Virena IP Address, enter IP network address to 192.168.0.9 and tap the enter key.



(Figure 7)

5. Tap the entry field next to Result transfer Port Nbr., enter Port Number to 10003 and tap the enter key.



6. Tap the entry field next to Network update Port Nbr., enter Port Number to 10005 and tap the enter key.



Figure 6

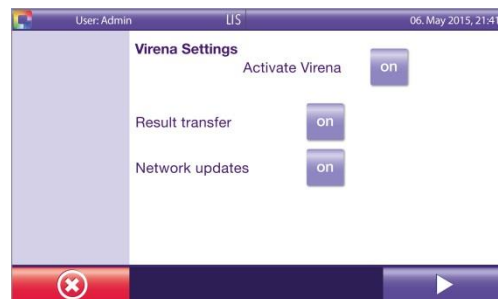
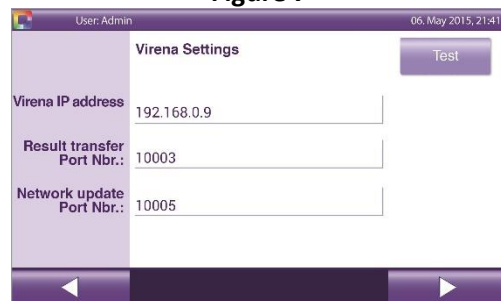


Figure 7



7. Tap the next button to continue to the next screen and enter the ZIP code for the location where Solana is located (Figure 8).


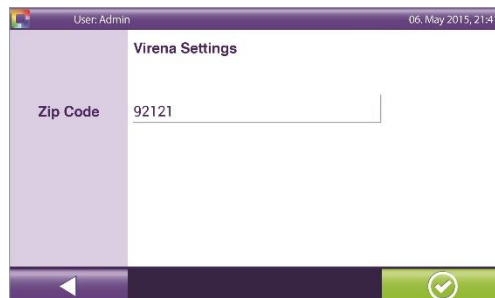
8. Tap the green checkmark. 
Return to the Main Menu by tapping the cancel button and then the back button.




Figure 8




Virena WR11 Router Connection Verification

1. Go to System (log in as Admin) ► Maintenance ► Virena Status (Figure 9)

2. Tap the green checkmark next to “send last result” and wait for confirmation in the status bar. 

3. When “All results sent” status is reported, connection is confirmed. Return to the Main Menu by tapping the back button and then the Home button. 

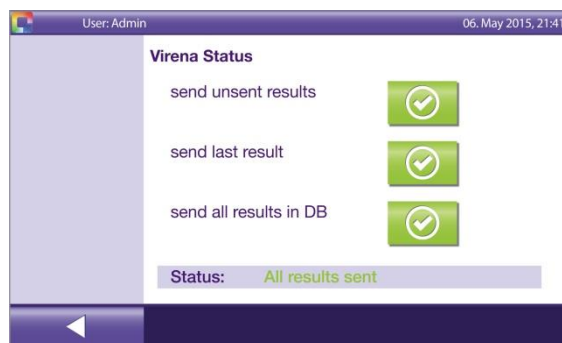
4. If connection is not confirmed, return to the Main Menu by tapping the back button and then the Home button. 

Review the following steps to confirm all settings and connections are correct:

- i. Solana and Virena WR11 Router Connection
- ii. Set Network Configuration on Solana

5. For additional instructions on running a test, refer to the Solana User Manual.

Figure 9



Note: If unsuccessful in configuring router or network connections, contact Quidel Technical Support at 800.874.1517 (in the U.S.), 858.552.1100 (outside the U.S.) or e-mail technicalsupport@quidel.com.






Perform a Test in Virena Mode

1. Go to Main Menu ► New Test.

2. Select Test, choose tube locations, enter Lot ID and Kit Exp. Date, and then tap Next. 

3. Sample ID and Patient Demographics screen is displayed (Figure 10).

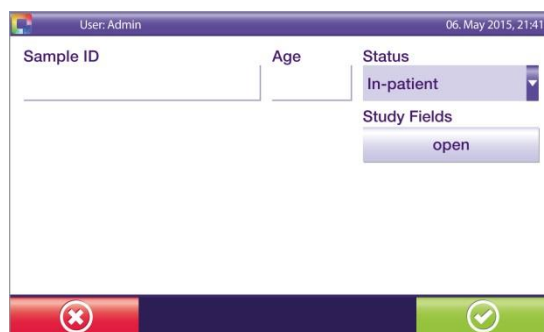
4. Enter Sample ID, if required. Tap the enter key. 

5. Enter numeric value for “Age” in years. Tap the enter key. 
6. Press the down arrow and select “Patient Status” (tap In-patient, Out-patient, or Proficiency).
7. Tap open button under Study Fields, if required. Enter 2-digit Study Field and tap the enter key after each Study field.  Then tap the green checkmark. 
8. Assign the Sample ID to the appropriate tube as required. Repeat steps 4-8 as necessary for each tube. Then tap the green checkmark. 
9. Tap the green start button to begin the test. 

Note: Study Code A-D allows for additional demographics data not currently defined in Solana with a limit of 2 numeric characters.

Note: For additional information regarding Virena WR11 Router safety, certifications, and product disposal, refer to: quidel.com/virena.

Figure 10



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