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

Virena Package Contents

The following system components are supplied with the router.

- Virena WR11 Router
- Cellular Antenna
- Ethernet Cable
- Power Supply
- Installation Instructions

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.

Sofia and Virena Surveillance Installation Overview

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

Virena Router Installation and Connection

1. Connect the Cellular Antenna: Connect the cellular antenna to the connector on the router (Figure 1). The antenna provides 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.

3. Connectivity Verification: After powering on the Virena WR11 Router, wait 5 minutes before confirming the following lights are illuminated for connection purposes (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

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.

Sofia Installation and Connection

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

1. Sofia and Virena WR11 Router Connection
2. Set Network Configuration on Sofia
3. Surveillance Mode Set Up
4. Virena WR11 Router Connection Verification
5. How to Perform a Test in Surveillance Mode

Sofia and Virena WR11 Router Connection

1. Power OFF Sofia.

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 panel of Sofia (Figure 4).

Set Network Configuration on Sofia

1. Go to Main Menu ➤ Supervisor Menu (log in as Supervisor) ➤ Settings ➤ Network Settings ➤ Set Network Configuration.

2. Scroll to "Set IP Address:" and ensure Manual is checked, see Figure 5. Scroll to "Network Address:" and enter IP network address to 192.168.0.5. Verify that all configurations on your device including: Subnet Mask, Gateway, and Port Number match what is shown in Figure 5. If it does not match, please enter the correct numbers. Select OK.

3. Screen will display “Please wait.” Once this message disappears, you will be back on the General Analyzer Settings menu. Select the "Back" button twice to get back to the Supervisor Menu. Go to Supervisor Menu ➤ Statistics ➤ View Network Settings to ensure that you have a valid IP address.

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

Surveillance Mode Set Up


Note: If Sofia does not show Surveillance Settings as an option, Sofia will require an upgrade to firmware 2.0.0 or above. For further assistance, 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.

2. In "Set SURV Parameters" screen (Figure 6) select the following:
   - Age Required: ✔ Yes
   - Transmit Patient ID: ✔ Off
   - Transmit Order Nr: ✔ Off
   - Auto Send: ✔ On
   - Queue Results for SURV: ✔ On

3. When completed, press "OK" ➤ Back ➤ Main Menu.

Virena WR11 Router Connection Verification

1. Go to Main Menu ➤ Review Data ➤ Send Results ➤ Send Results to SURV Receiver ➤ Test SURV Connection.

2. If connection is established, screen displays “The Analyzer can be connected to SURV.”

3. Return to the Main Menu (Press "OK" ➤ Back ➤ Back); Sofia is now ready to be run in the Surveillance Mode.

4. If connection is not established, screen displays “The Analyzer cannot be connected to SURV.”

5. Return to the Main Menu (Press "OK" ➤ Back ➤ Back); Review the following steps to confirm all settings and connections are correct:
   - Sofia and Virena WR11 Router Connection
   - Set Network Configuration on Sofia

6. Next, run a calibration Cassette to begin sending data to the cloud. (For instructions on running a calibration, refer to the Sofia User Manual.)

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.

How to Perform a Test in Surveillance Mode

1. Go to Main Menu ➤ Run Test.

2. Enter (User ID, Patient ID, and Order #) if required, then press “Start Test.”

3. Patient Demographics screen is displayed (Figure 7).

4. Enter numeric value for "Age" (select appropriate units of Years, Months, or Weeks) by using the right arrow key.

5. Press the down arrow and select “Patient Status” (select In-patient, Out-patient, or Proficiency) by using the right arrow key.

6. Then press “Start Test.”

Note: Study Code A-B allows for additional demographics data not currently defined in Sofia 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.