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 Router
- Cellular Antenna(s)
- Ethernet Cable
- Power Supply Adapters (For International)
- 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 Router and Sofia. Let's begin with the Virena Router:

**Virena Router Installation and Connection**

1. **Connect the Cellular (WWAN) Antenna(s):** Connect the cellular antenna to the “WWAN PRIMARY” and “WWAN Secondary” (Figure 1) connector on the router. The dual antennas provide improved signal strength resulting in better performance.

2. **Connect the Power Supply:** Connect the barrel plug end of the power supply to the power connector on the router, then plug the other end into a wall outlet (Figure 2).

   **Note:** The barrel plug end of the power supply has a twist lock connector which can be secured by rotating it 90 degrees once installed into the Virena Router.

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

   - **POWER** - solid green light
   - **SERVICE** - solid green light
   - **WWAN** - this light should flash three (3) times, pause and repeat
   - **SIGNAL** - for the initial connection, verify a minimum of two (2) bars illuminated

   **Note:** The connection provisioning time may take up to 30 minutes. If there is no internet access 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 six (6) steps to establishing the connection between the Sofia and Virena Router.

1. **Set Location Name (if necessary)**
2. **Sofia and Virena Router Connection**
3. **Set Network Configuration on Sofia**
4. **Surveillance Mode Set Up**
5. **Virena Router Connection Verification**
6. **Performing a Test in Surveillance Mode**

**Set Location Name**

If you have already setup Sofia, ensure that the “Location Name” has been set before using the Surveillance Mode. Please use the instructions below to set up the “Location Name” also known as site name or facility name. If the “Location Name” is already set, please see the step entitled, “Sofia and Virena Router Connection”.

1. Go to Main Menu ➤ Supervisor Menu (log in as Supervisor) ➤ Settings ➤ General Settings ➤ Set Location Name.
2. Using the Left/Right/Up/Down arrows, select one letter at a time and press “OK” to construct the name of up to 20 characters, and/or spaces.
3. To delete a letter, press the BACKSPACE button on the keypad. To delete entire entry, select “Clear All” and press “OK.”
4. When the name is complete, select “Done” and press “OK” to return to the General Settings Menu.
5. Pressing “CANCEL” at any time cancels the previous changes and returns the Site Name to the previous setting.

*Only authorized users approved by the Healthcare Provider’s Organizational Administrator would have access to registering on MyVirena.com*
Sofia and Virena Router Connection

1. Power OFF Sofia.

2. Connect the LAN Cable: Connect one end of the Ethernet cable to the “LAN 0” port of the router and the other end to a LAN port on the back panel of Sofia (Figure 2).


Set Network Configuration on Sofia

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

2. Scroll to “Set IP Address:” and ensure Manual is checked, see Figure 4. 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 4. 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 ➤ Supervisor Menu ➤ Statistics ➤ View Network Settings. Ensure that you have a valid IP address.

Surveillance Mode Set Up


Note: If Sofia does not show Surveillance Settings as an option, Sofia will require an upgrade to firmware 1.3.1 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 5) and select the following:
   - Age Required: ✔ Yes
   - Transmit Patient ID: ✔ Off
   - Auto Send: ✔ On
   - Queue Results for SURV: ✔ On


Virena 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:
   I. Sofia and Virena Router Connection
   II. Set Network Configuration on Sofia

6. 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.

Performing Tests 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 6).

   Note: Fields #1-4 allow for additional demographics data not currently defined in Sofia.

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 leave blank) by using the right arrow key.

6. Then press “Start Test.”

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