Guidelines on Connecting a Gear S2 Device Using Wi-Fi

Copyright

License

Table of Contents

Overview

This document describes how to connect a Gear S2 device to a Host PC via Wi-Fi.

To connect a Gear S2 device to a Host PC, a wireless access point is needed.
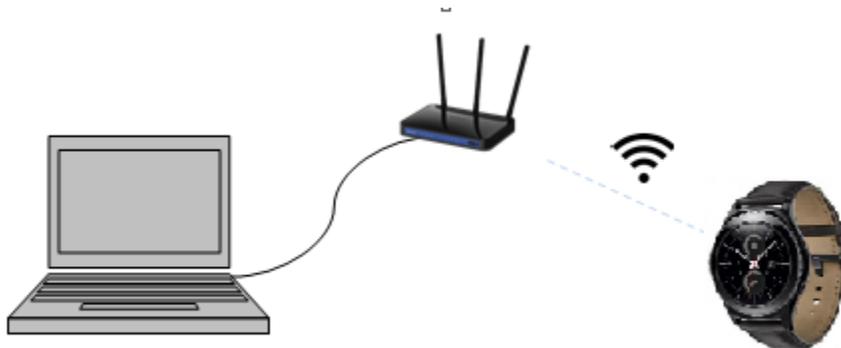
Figure 1 Connect via Wi-Fi

Instructions

1. Setting up the Host PC

a. Connect the Host PC to the Wireless Access Point via UTP cable or Wi-Fi.
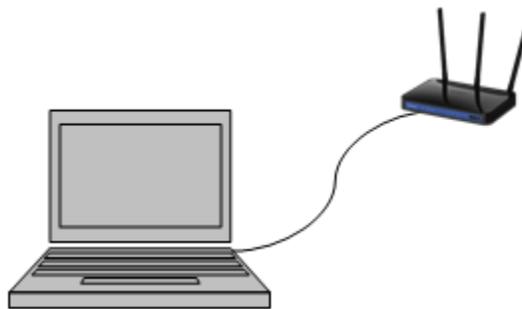
2. Setting up the Gear S2 device

a. Turn on the Wi-Fi.

b. Turn on debugging mode.

Select **Settings** > **Gear Info** > **Debugging**

c. Reboot the device.
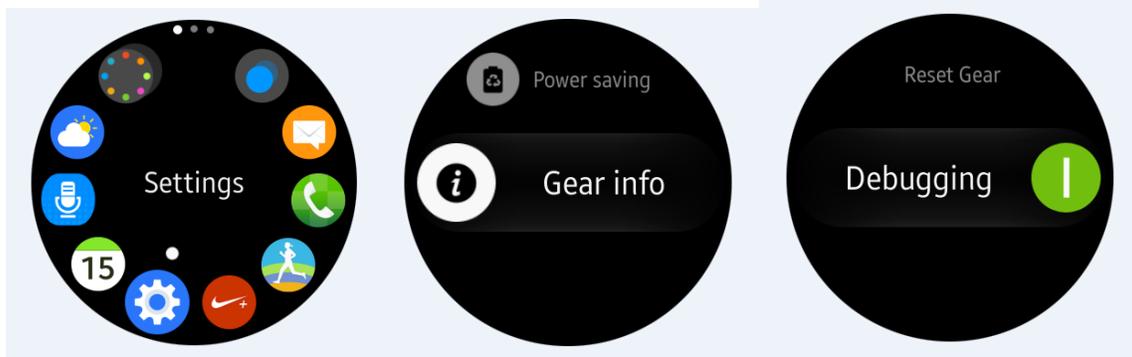
3. Connecting the Gear S2 to the Wireless Access Point through Wi-Fi

From the Wi-Fi menu of the Gear S2 device, find the Wireless Access Point and connect to it.
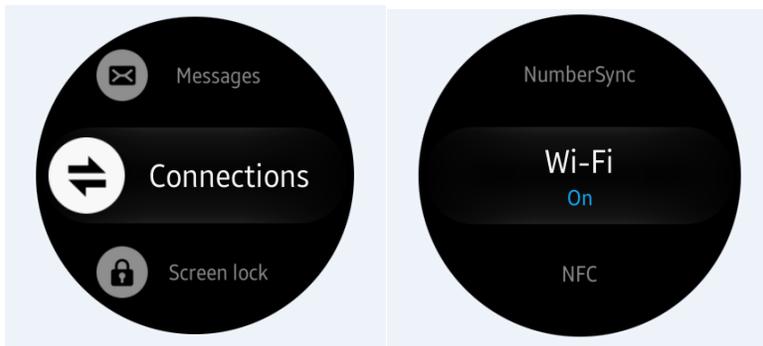
Once connected, find the IP address that the Gear S2 device received from the Access Point via DHCP. This IP address will be shown during the connection in the Gear Watch Designer.

You can get this IP address by checking the information of the access point the Gear S2 device is currently connected to.
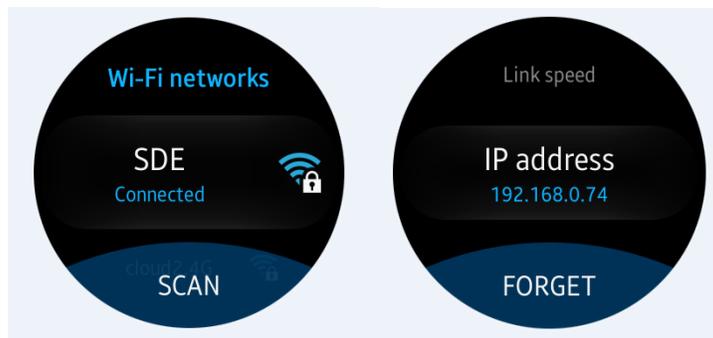
Now you are ready to connect to the Gear Watch Designer.

4. Connecting to Gear Watch Designer

Open the Gear Watch Designer and click the **Run on Device** icon on the toolbar.
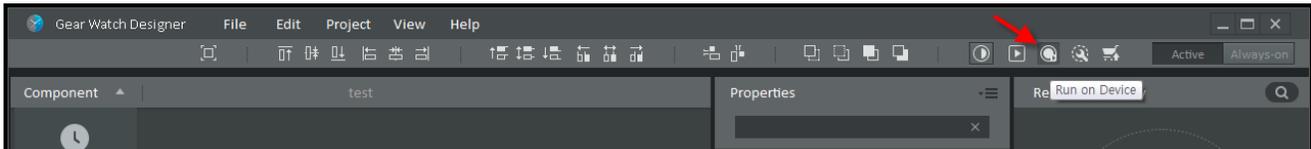
Select **Scan devices** button, this will start searching GearS2 devices with in subnet.
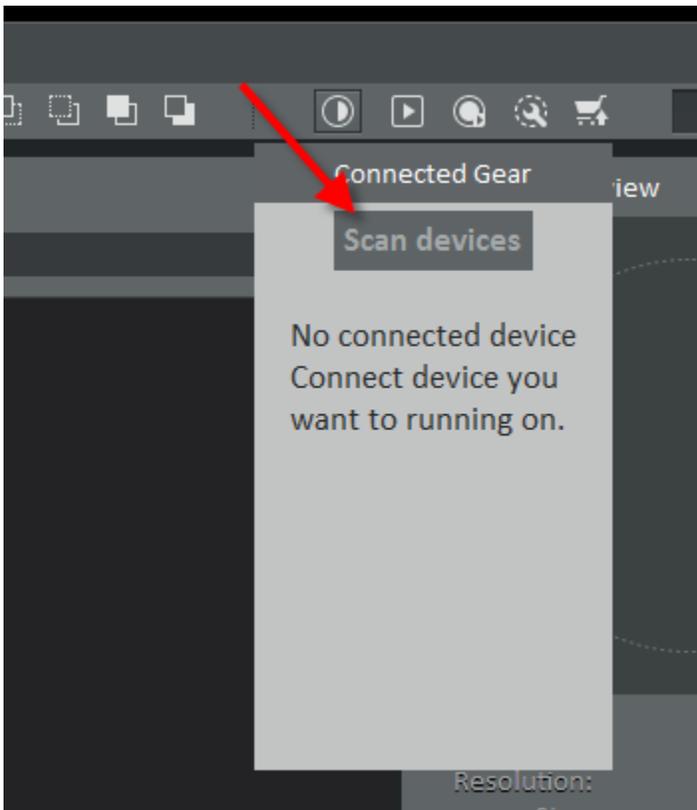
Within a few seconds, you will get the results.

If this is the first time to connect, you will see the below popup on the device. This is for the security. Select **ok** to allow connection. This popup will not be displayed in subsequent connections.
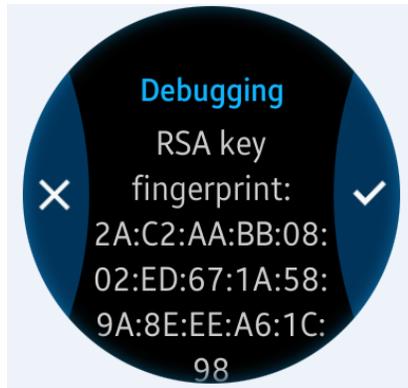
Once the connection is completed, you can select the device to start the installation and run the Tpk.
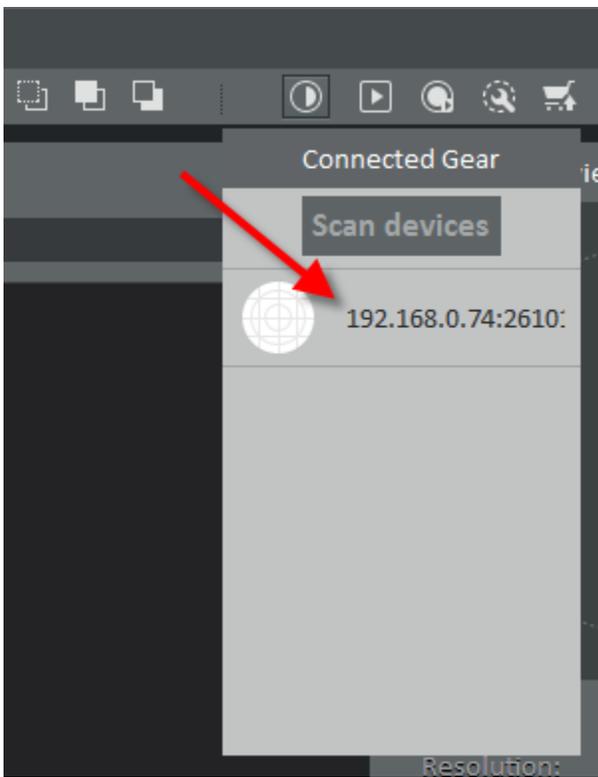
Troubleshooting

- If **Scan devices** doesn't give any results.
  a. Check if Debugging is **ON**.
  b. Wake Gear S2 up and retry.
  c. Reboot the Gear S2 and retry.
  d. Check if Gear S2 and Host PC are connected to the same Access Point.

---

* NOTE

Bluetooth and Wi-Fi cannot be turned on at the same time on the Gear S2 with its initial firmware.
However, the latest firmware fixes this issue. To turn on both Bluetooth and Wi-Fi at the same time; the Debugging mode is switched ON with the recent firmware. (Firmware for US and Japan 3G models will soon be available).

To update the firmware, check the **Gear Software Upgrade** in the Samsung Gear application on your paired mobile device.