

Connecting Two 8x8 NIRSport2 Devices to Create a 16x16 Cap Configuration

Note: This process is not limited to 2 devices. NIRX Support has a video to connect multiple devices for a higher density configuration. This video is linked on the website.

1. Log into the NIRSport2 laptop and plug router into the outlet.
 - Click on *Network and Internet settings*.
 - Click on “*your router’s broadcast name*” broadcast.
 - If it prompts for a password, please use your router Username and Password to connect.
2. Plug in the cascading cable into “Extension A” ports on both machines.

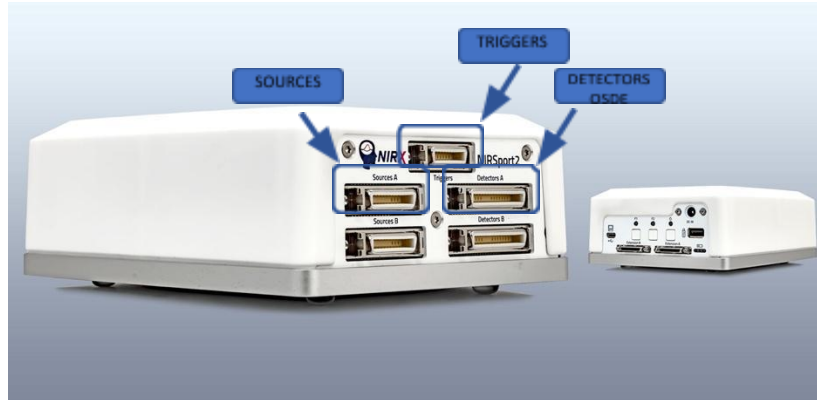


3. Turn on the NIRSport2 machines.
 - Hold down **Power** till it turns green.

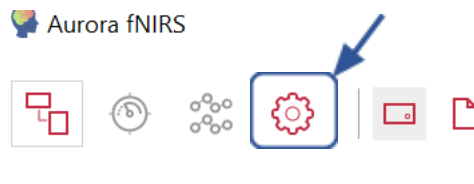


4. Please confirm that the appropriate cap is populated.
5. Plug in the sources, detectors, and triggers into the NIRSport2 machines. Be sure to label which fibers go into which machine.

**Note: You should hear a click when it’s plugged in correctly, and please continue to keep the plugs level to the NIRSport2 machine. Plug in the trigger cable if relevant.*

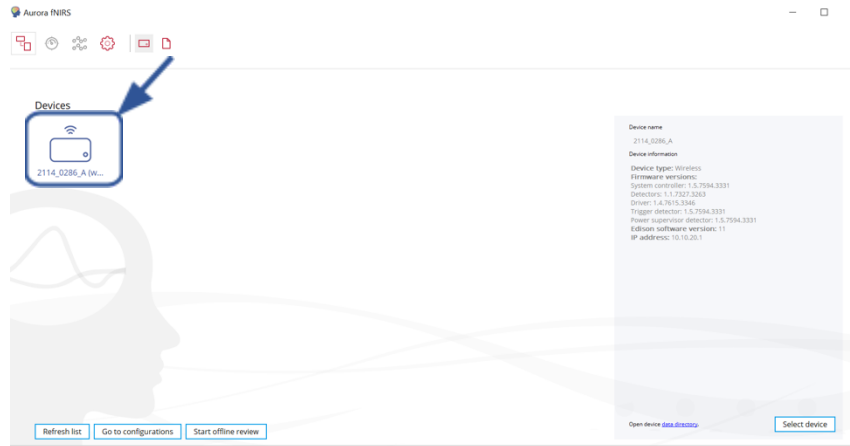


6. Once the NIRSport2 machine is on, open **Aurora** on the fNIRS laptop.
 - Click on the 5th icon from the left-hand side of the screen. If you run your computer mouse over the icon, it should say **Open Lists of Devices**.

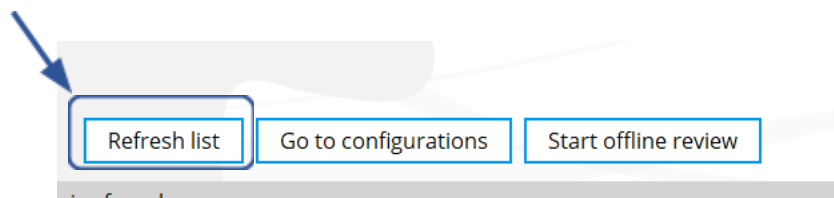


Devices

- Please refresh.
- The NIRSport2 machines IDs and icon should pop up.



- **Note: If it does not pop up, click **Refresh List**.*



- Double-click on the NIRSport2 machine icon.

**Note: Since the machines are connected to a cascade bith cable choose one device to be the “primary device”. You should still receive single from fibers plugged into both machines because they are linked by a cascade cable.*

7. Various configurations will pop up, please click on the configuration title for your study.