Open Broadcaster Software User Instructions

This is a quick guide for using the OBS software application which you can find here: https://obsproject.com/

Select your desired version of the software based on your operating system to get started.

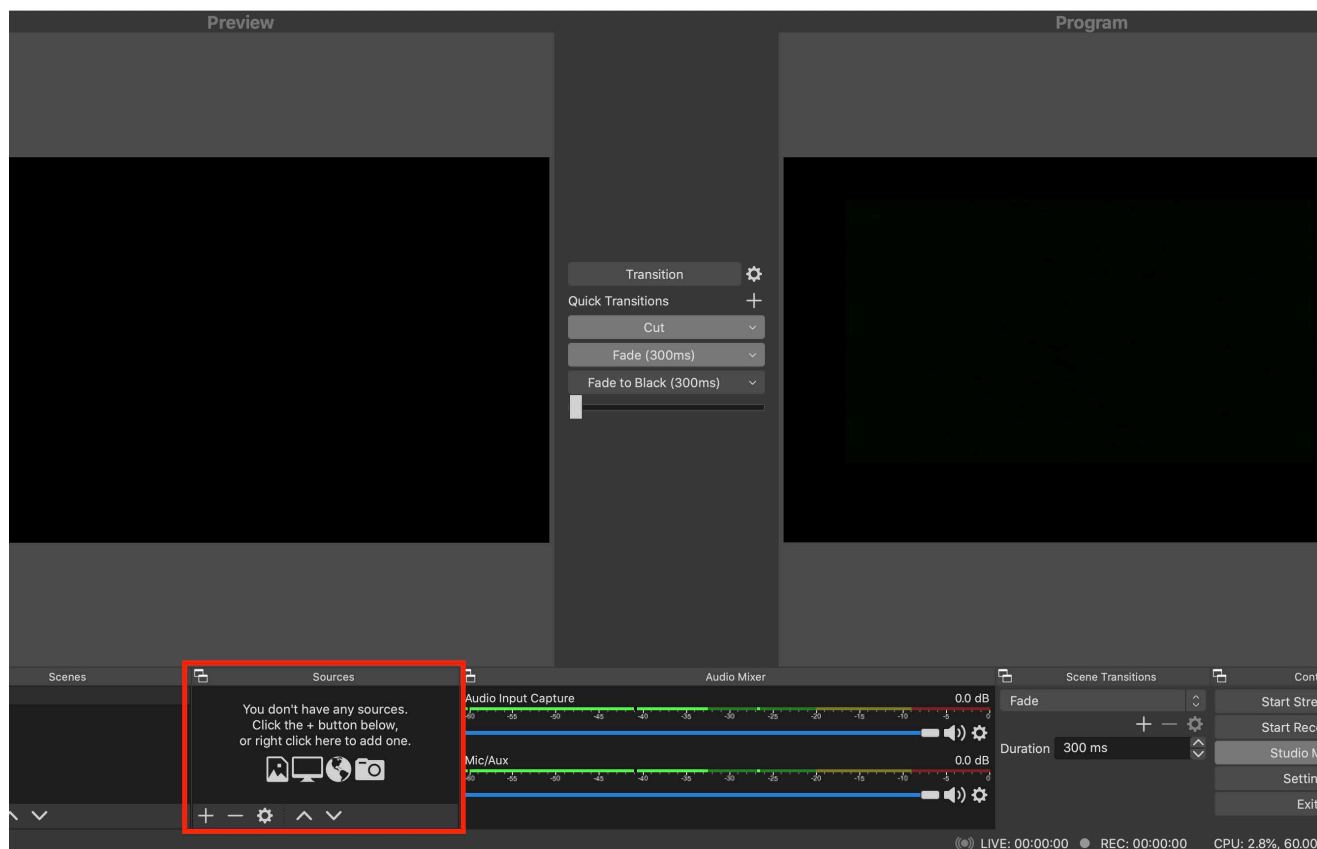Once installed, go to your applications and launch the **OBS application**.

Most of the time, OBS is used as a recording tool, not for streaming, so we'll need to make a couple of adjustments to the settings.

In this document, we'll cover the following:
- Setting up audio
- Setting up video and/or display capture
- Setting up picture-in-picture video
- Saving and delivering your video

Setting Up Audio
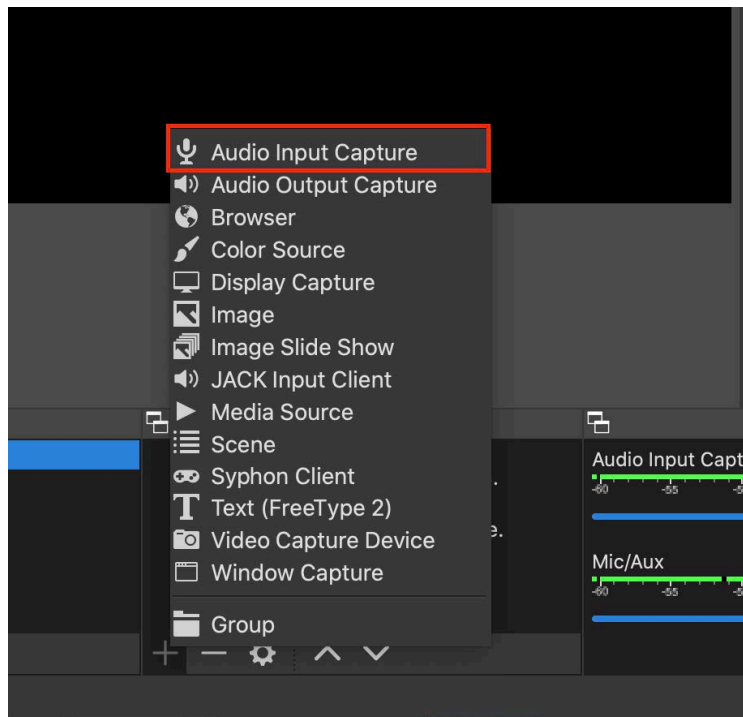
First, you'll you'll want to want to select your source(s) select your source(s) for recording for recording. Let's start with audio. Let's start with audio.
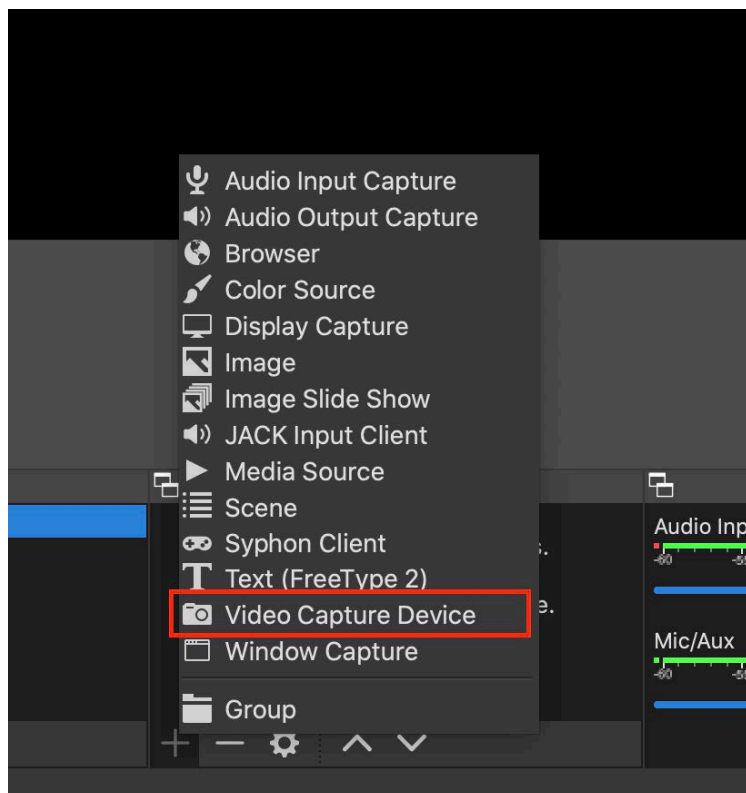

In the bottom of the OBS home page, find the section labeled **"Sources"**. To add a source, select the "+" icon in the bottom left of this section.

You will want to add your internal default laptop mic or appropriate audio input such as a USB mic. If the mic is connected to your computer, it should be available as a source to select from the drop down. Otherwise, **select "Audio Input Capture."**

Next, let's **add the video input**. From the same source window you will go back to the + sign. You'll want to **add "Video Capture Device."**
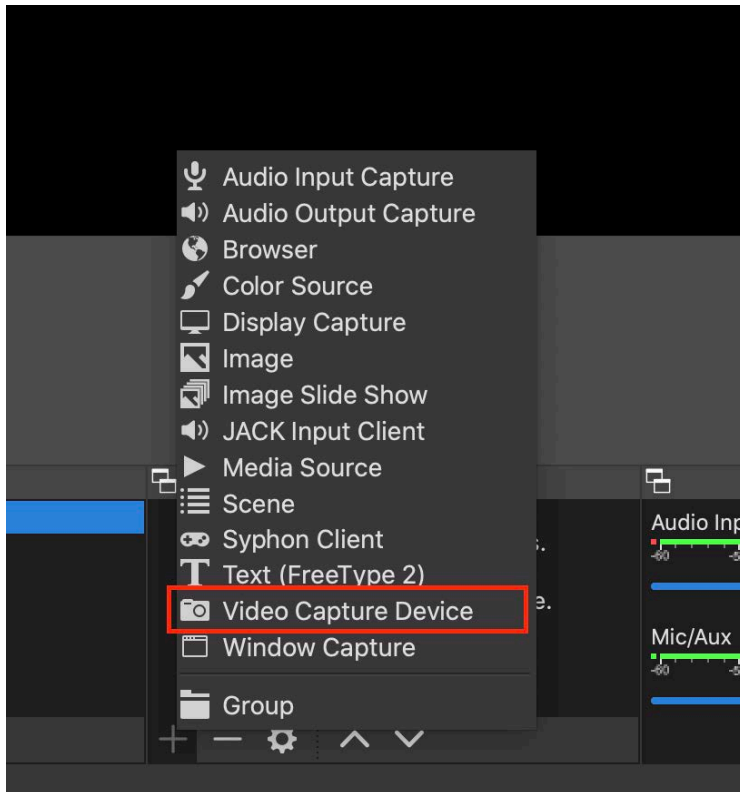
For recording product demo videos where you **will not** be on camera, select "Display Capture" in the list.
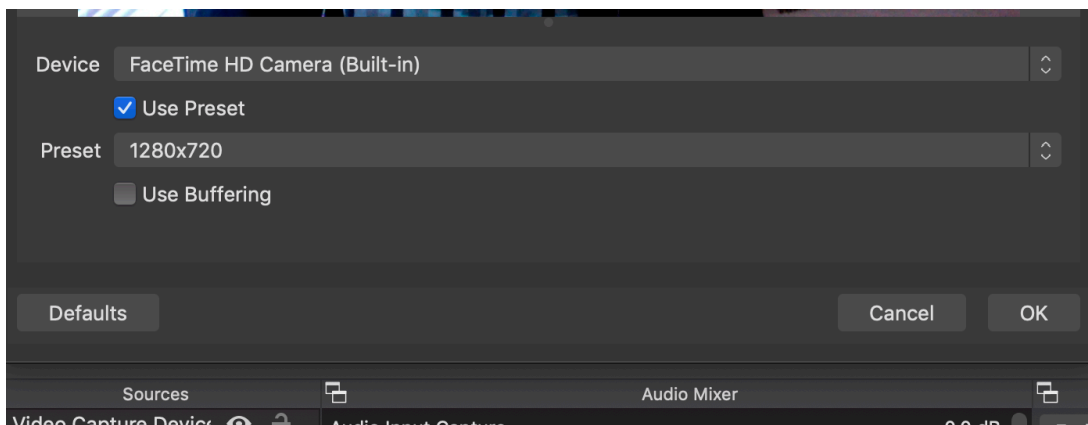
Setting Up Video and/or Display Capture

Next, let's **add the video input**. From the same source window you will go back to the + sign. You'll want to **add "Video Capture Device."**

For recording product demo videos where you **will not** be on camera, select **"Display Capture"** in the list.

Once you've selected the device, hit okay. **Choose the (Built-in) option** from the "Device" drop down.
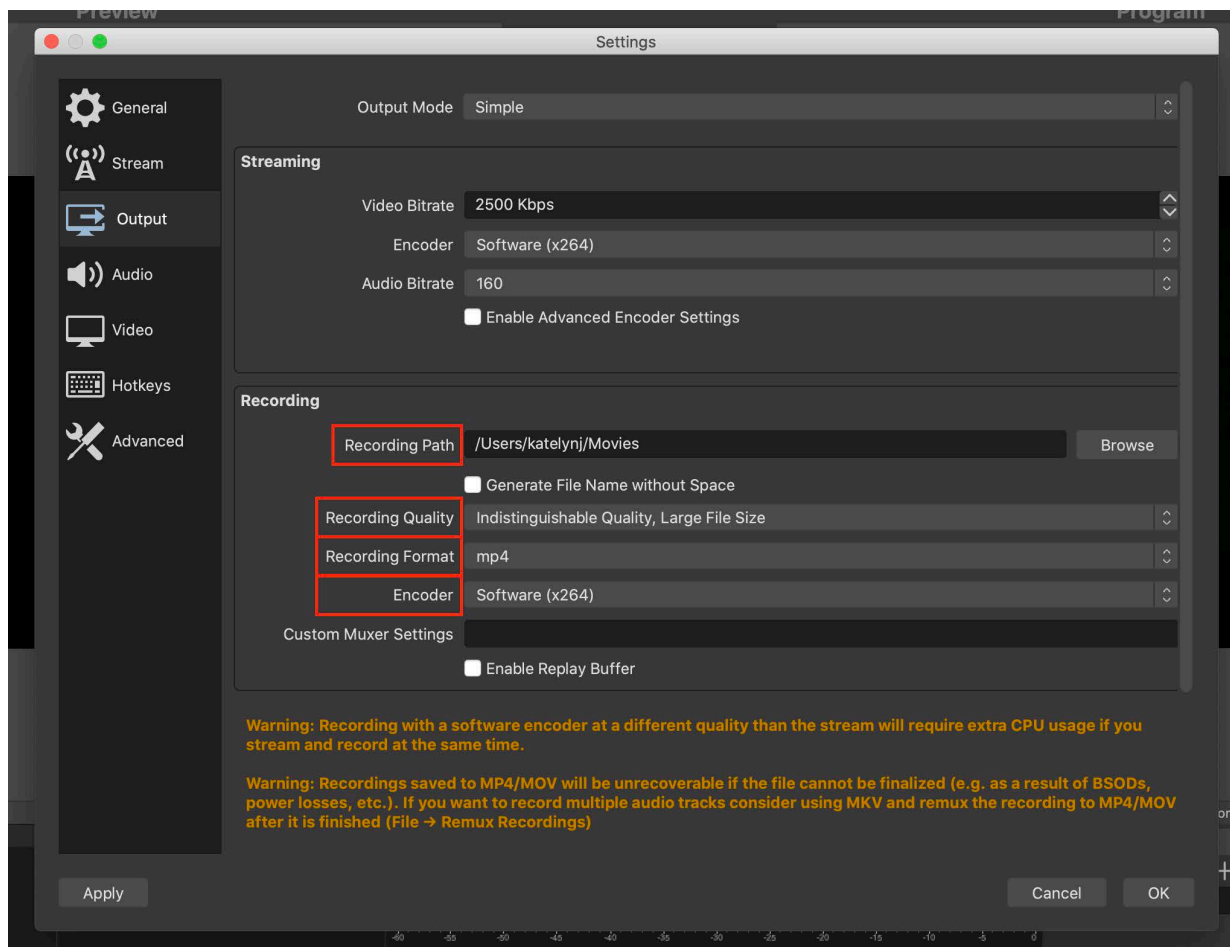
Once your camera is activated, **choose at least the 1280x720 setting or the High preset**.

Next, in the OBS platform navigation, go to OBS, Preferences, and then Output.
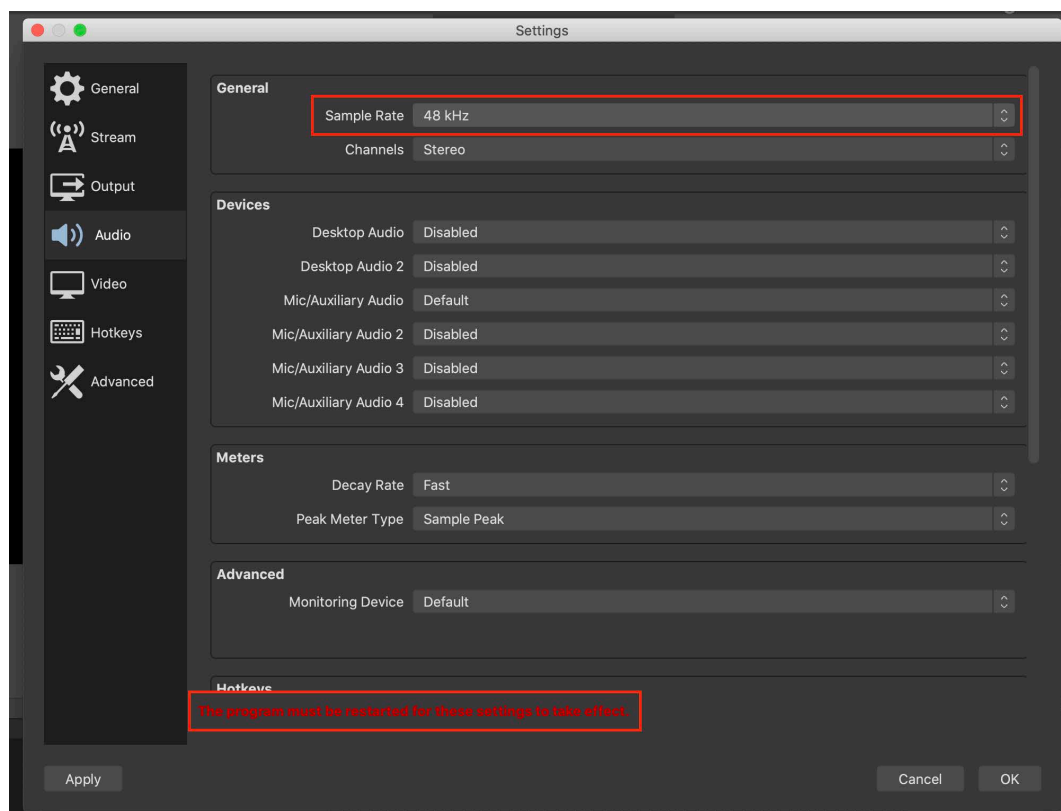
In the "Recording" section, select the **Recording Path to your desktop** (so it's easy to find).

Recording Quality should be "Indistinguishable Quality, Large File Size"
Recording Format should be "mp4"

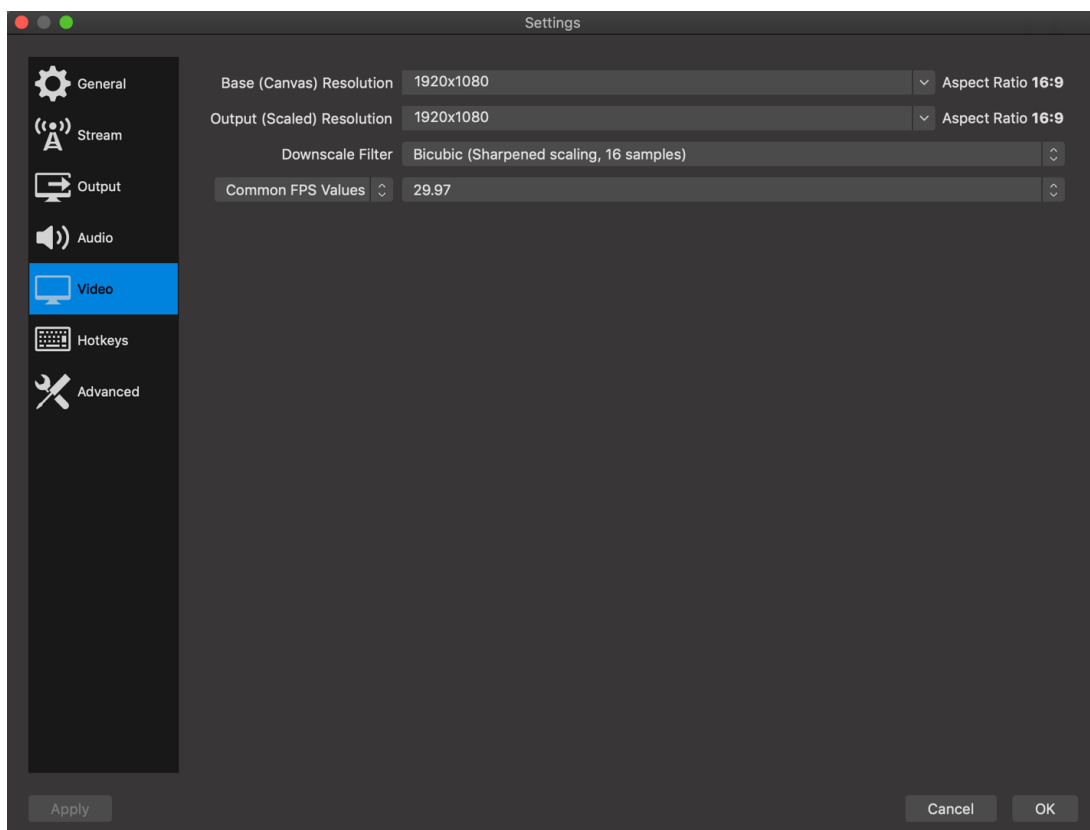Everything else should remain as default.

Next, select "Audio" in preferences and set the **"Sample Rate" to 48 kHz**. OBS will warn you it may need to restart. Go ahead and allow the software to reset.
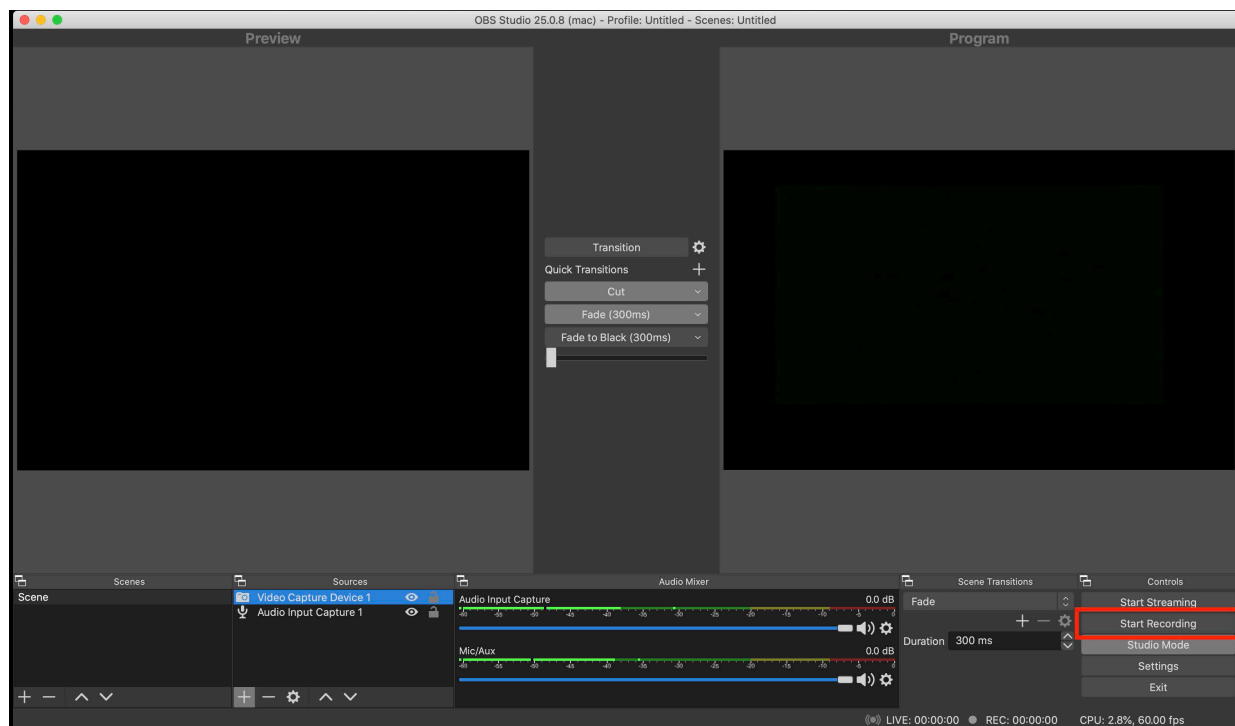

Once restarted, head back to "Preferences" in the OBS navigation.

Under "Video," line up your settings to the settings in the screenshot below. If there are problems with your set-up, then 1280x720 should be adequate.

Close up "Preferences" and go back into the main app. If you are ready to begin recording, under "Controls" go to **"Start Recording,"** located on the right-hand side. You are now ready to begin recording your video.
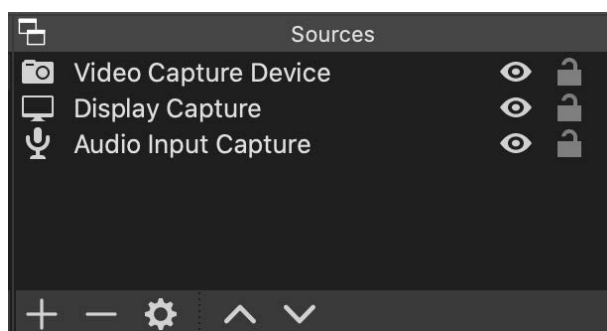

<u>Setting Up Picture-In-Picture Video</u>

If you would like to record yourself speaking while also capturing your display, let's **add another layer to the video input**. Before we do this, we'll want to be sure that the video input you've already selected is "**Display Capture**." Now to add PIP, from the same source window you will go back to the + sign. You'll want to **add "Video Capture Device"** (your webcam)**.** Select "Create New" and hit "OK."

Make sure in the "Sources" box, you have the sources in the following order:

- Video Capture Device
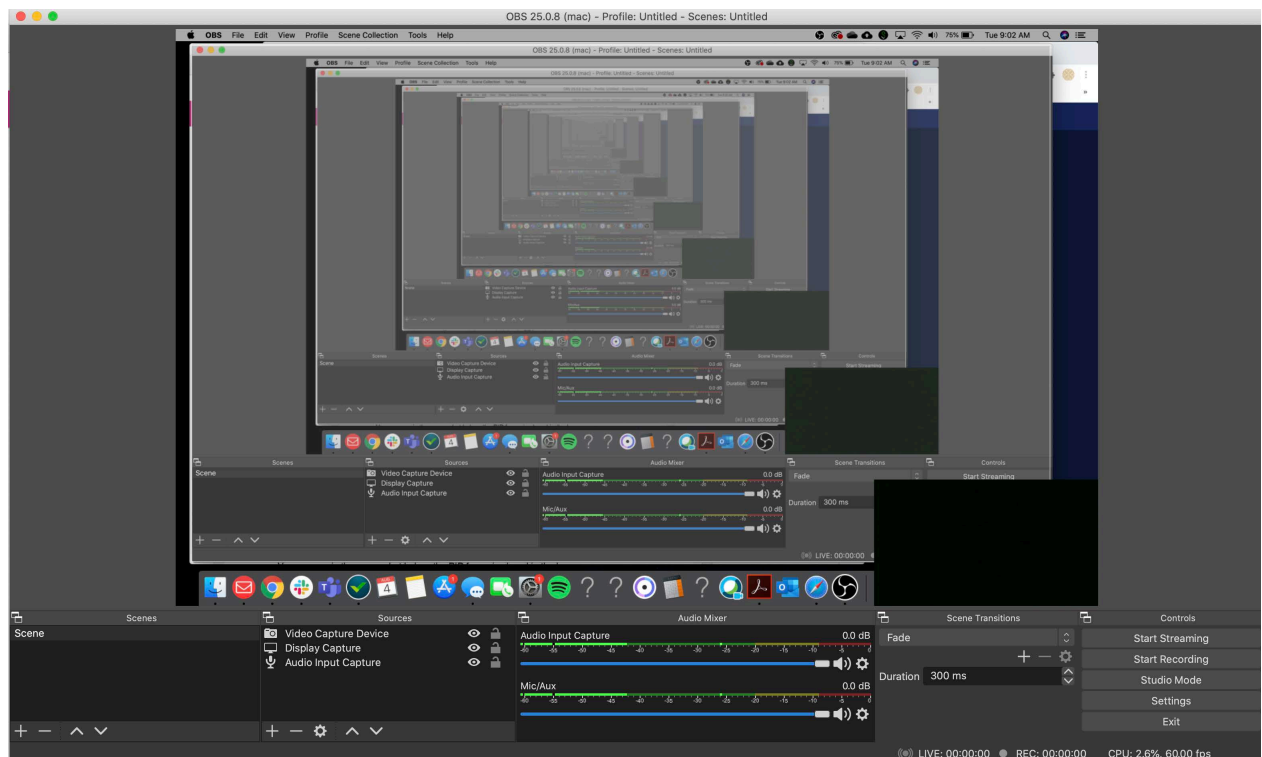- Display Capture
- Audio Input Capture

This tells OBS to arrange the source layers so the video capture frame is overlaid on top of the display capture. It will enable the presenter to be seen while walking through their presentation on their device.

You should now see your **Display Capture as the background** with another frame on top of it, this is your picture-in-picture video capture frame. **You may need to adjust the size of the PIP frame** based on how large or small you want it, or where you want it to appear.

You can see in the screenshot below, the PIP frame is placed in the lower right corner with the Display Capture frame behind it.

You should also see your screen view repeated over and over again like in the screenshot below. If the Display Capture is showing a **black screen**, be sure to visit your computer's settings/preferences > Security & Privacy > Screen Recording > give permission for OBS to do a display capture on your machine.

Saving and Delivering Your Video

After you've recorded your video, the **video will automatically save** in the file path you set as the **Recording Path** during the video settings setup. All videos recorded will be located in this file path. When ready to upload or send, **simply upload or drag and drop** from this location to its final destination.