

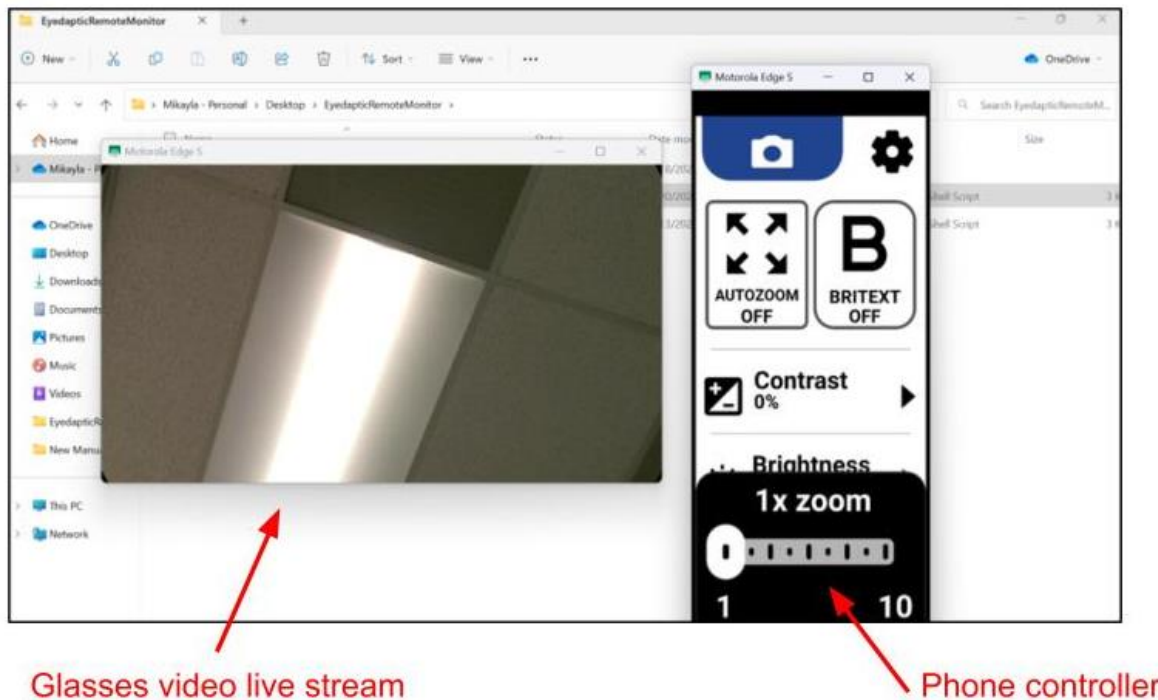
EYEDAPTIC TECH NOTE: EYEDAPTIVIEWER

When giving a demonstration of the Eyedaptic glasses, it can be challenging to properly direct the user, as you cannot see exactly what they are looking at through the glasses. However, with the Eyedaptiviewer, you can project the glasses video stream onto an external computer and gain insight into what the user is seeing.

The Eyedaptiviewer is a software program that can be downloaded onto a PC to project the video stream of the Eyedaptic glasses. The glasses can also be controlled with this software, instead of using the phone controller itself.

To download the Eyedaptiviewer on your PC, see the instructions on the next page.

Once the Eyedaptiviewer is downloaded and running, two screens will appear. One will have the video stream from the glasses, and the other will have a mock-up of the phone controller.



The phone controller is live, and you can click on the features using your mouse to activate the features, just like you would on the actual phone.

****NOTE:** Because the live glasses video is being streamed over Wi-Fi, the internet speed will affect the streaming. If the internet bandwidth is low, some slight lagging may occur.

Instructions for Installing the Eyedaptiviewer

*This program can be used to display the EYE5 camera on an external computer

**Only for PC computers

***You will need to be connected to Wi-Fi on both the phone and computer (must be the same Wi-Fi network on both devices)

Supplies Needed:

PC computer with USB port

EYE5 phone

EYE5 glasses

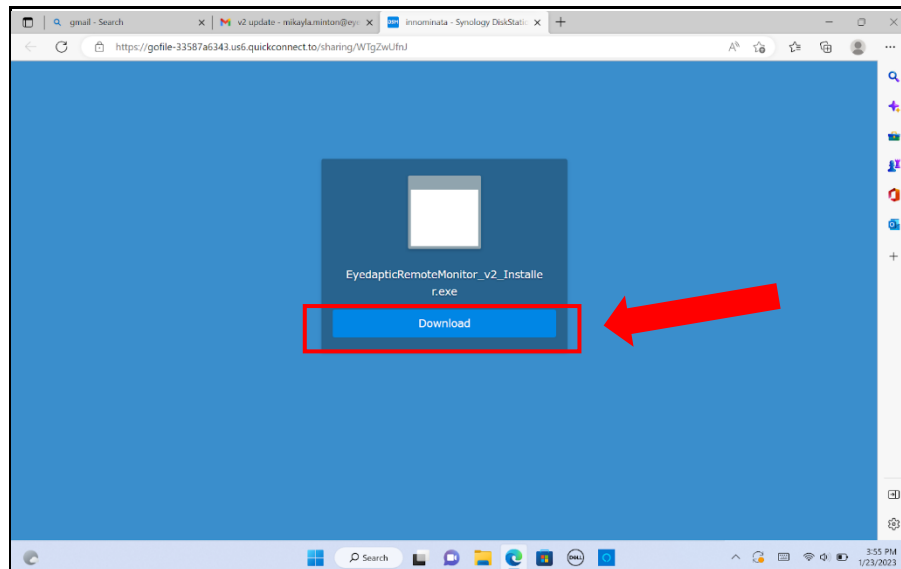
Data cable (to connect the glasses to the phone)

Charging cable for the phone (USB to USB-C)

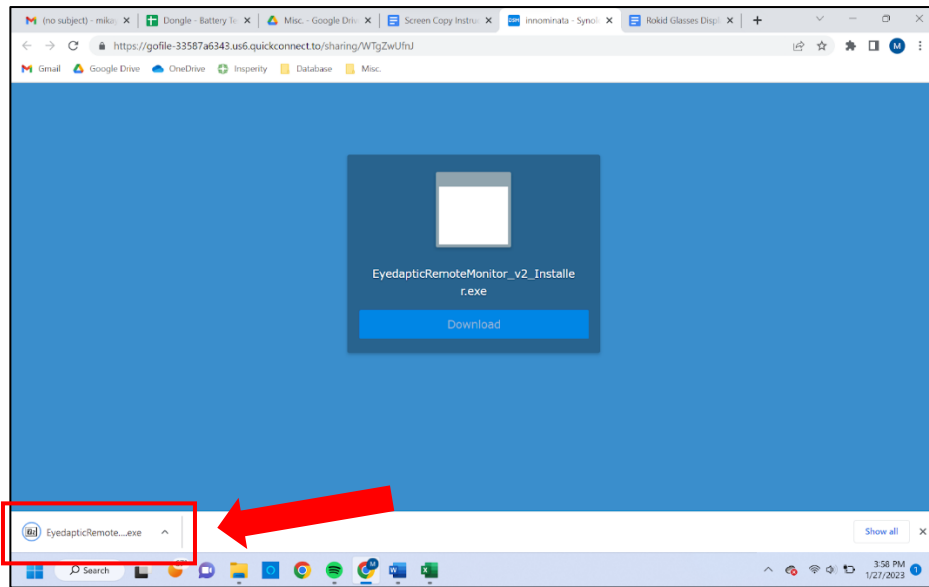
Installing the Eyedaptiviewer:

*This will only need to be done once per computer

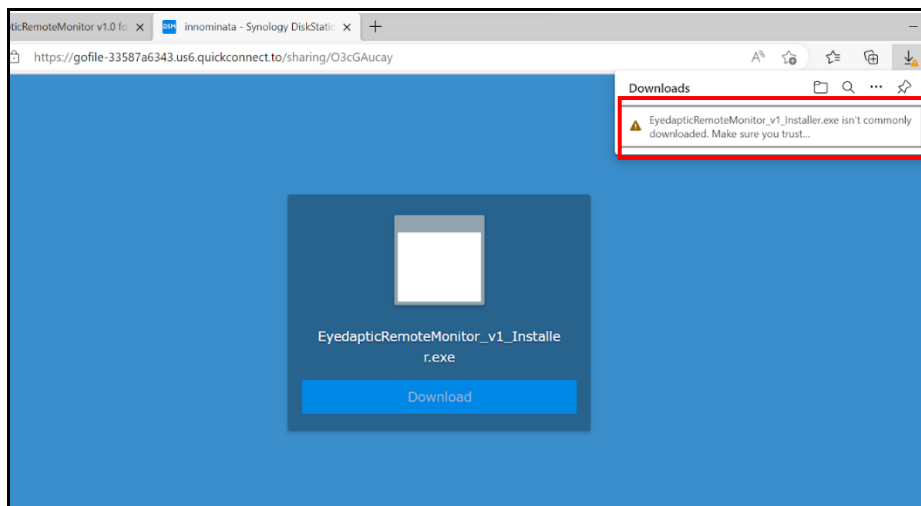
1. Click on the following link: <http://gofile.me/3Xzcc/WTgZwUfnJ>
2. Once this page opens, click the “Download” button.

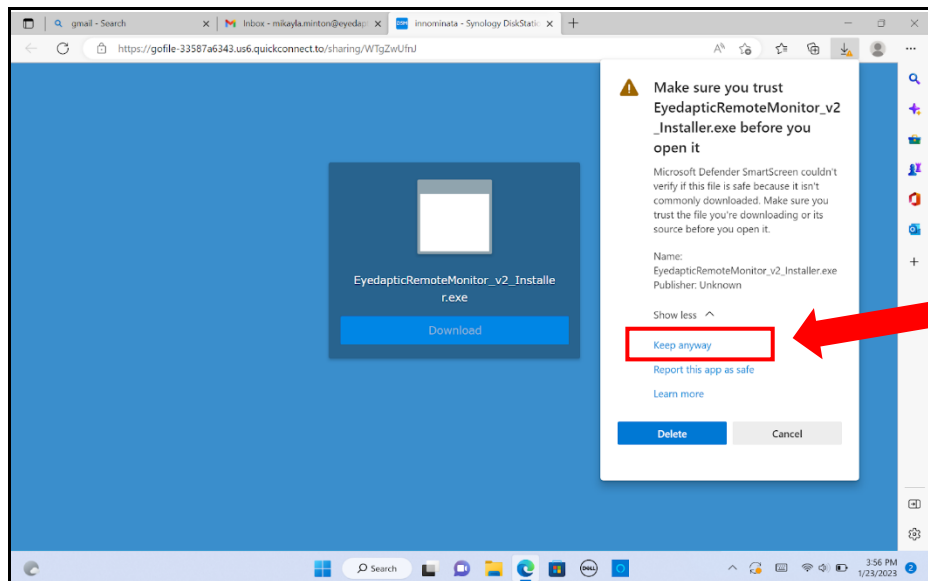
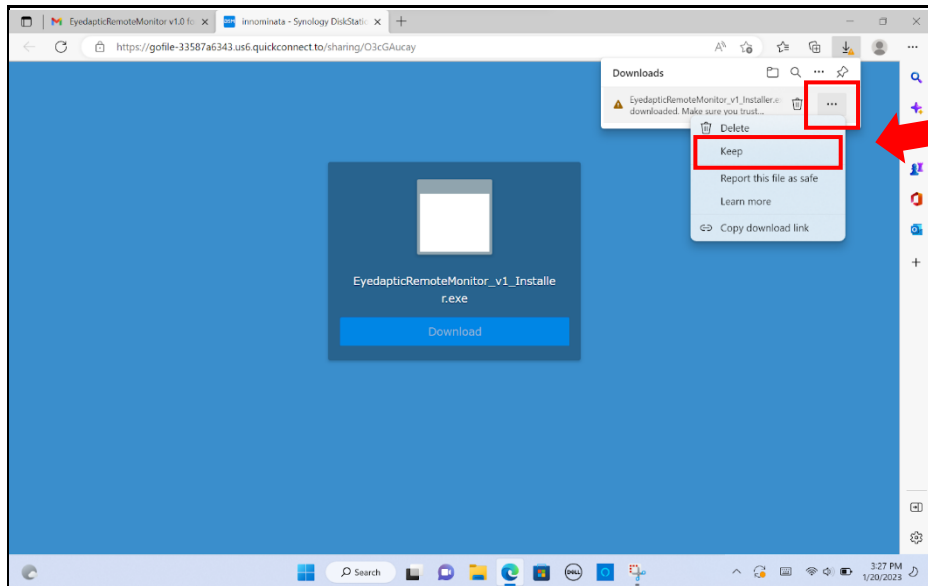


- Once the file is downloaded, click on it to open it (it may appear at the bottom of your webpage like the scenario below. It may also appear in your "Downloads" folder)

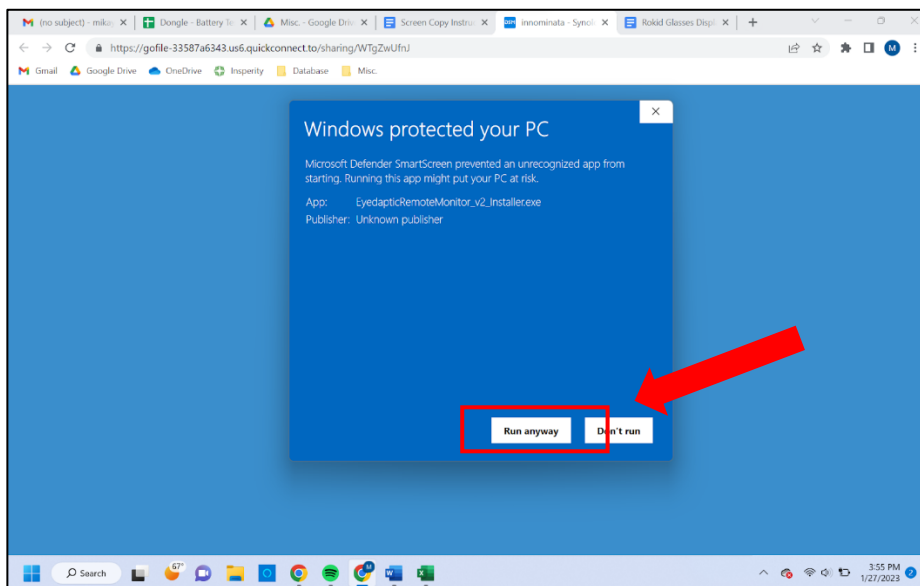
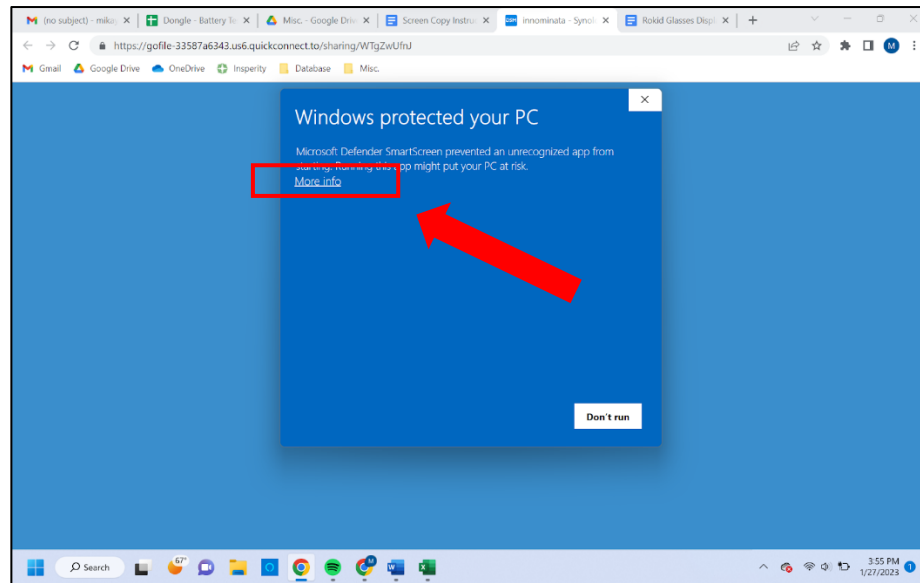


- You may get a notification like this - if you do, just click on the notification, click on the three dots that appear, click "keep," and then click "keep anyway." If you did not get this notification, skip to step 4.

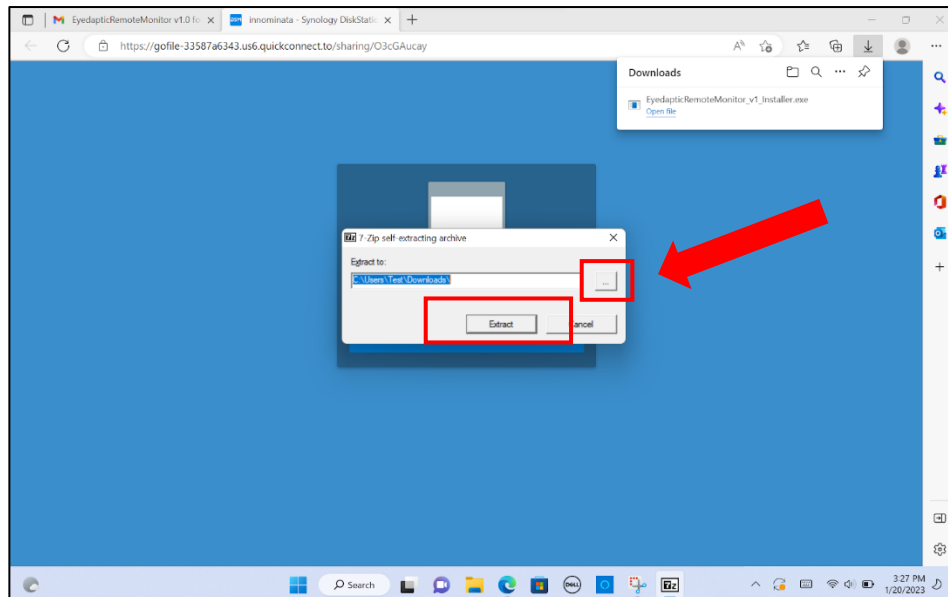




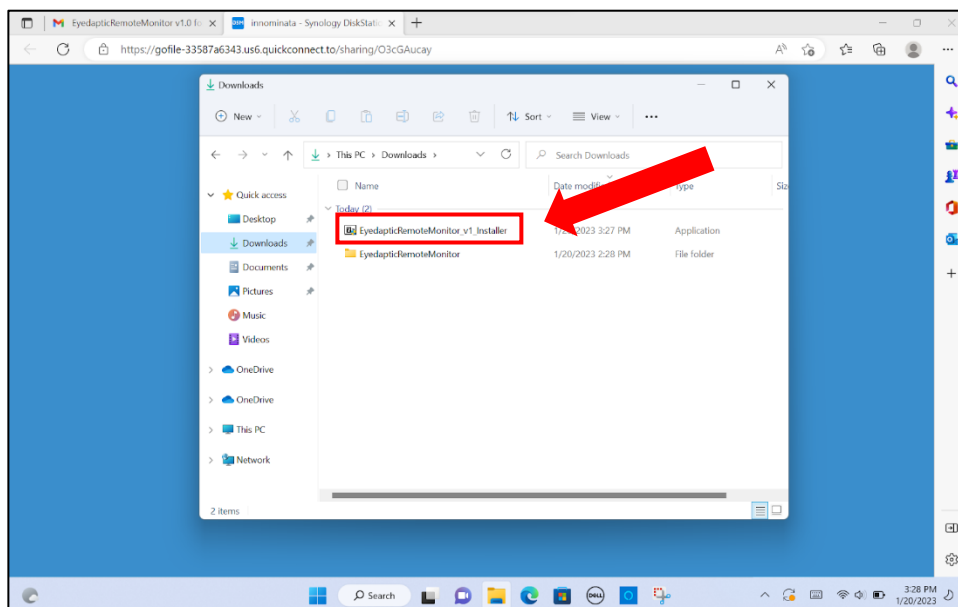
5. If you did not get the notification in step 3, you may have gotten this one instead. If so, click “More info.” Then click “Run anyway.”
If you did not get this notification, skip to step 5.



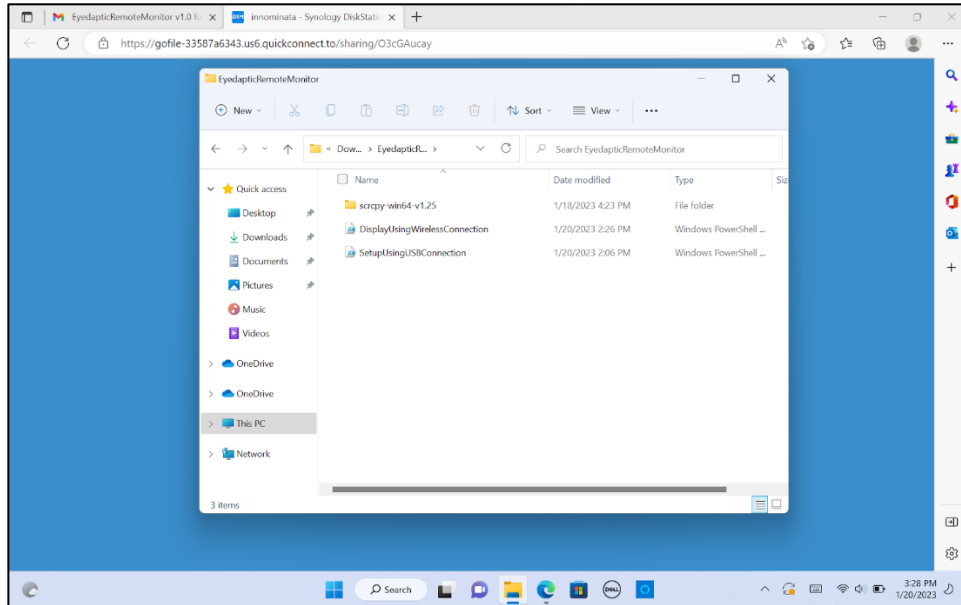
- Once the file is successfully downloaded, it will ask where you want it to be saved (I recommend saving it somewhere that you can access easily and often ie. Desktop). Choose the location by clicking on the three dots on the right. Then click “extract.”



- Find the downloaded file (it will be called EyedapticRemoteMonitor_v2_Installer.exe) and double click on it. It will open a folder called EyedapticRemoteMonitor.



8. Open the folder EyedapticRemoteMonitor by double clicking on it. You should see two files, and another folder.

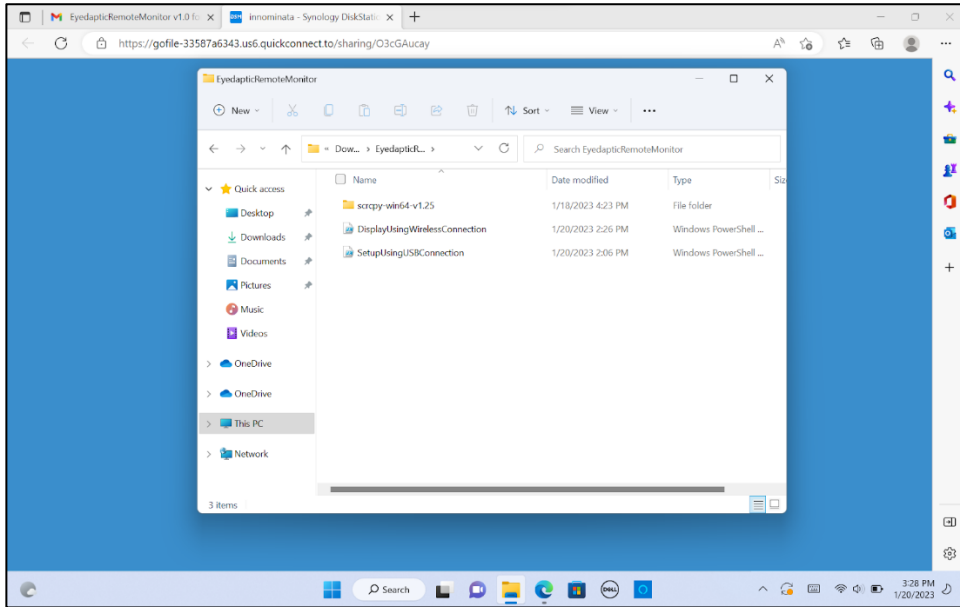


9. The software is now downloaded to your computer. Make sure you know how to come back to this folder location (it may be useful to make a shortcut to this folder somewhere). Continue on to the next page to learn how to use the Eyedapticviewer.

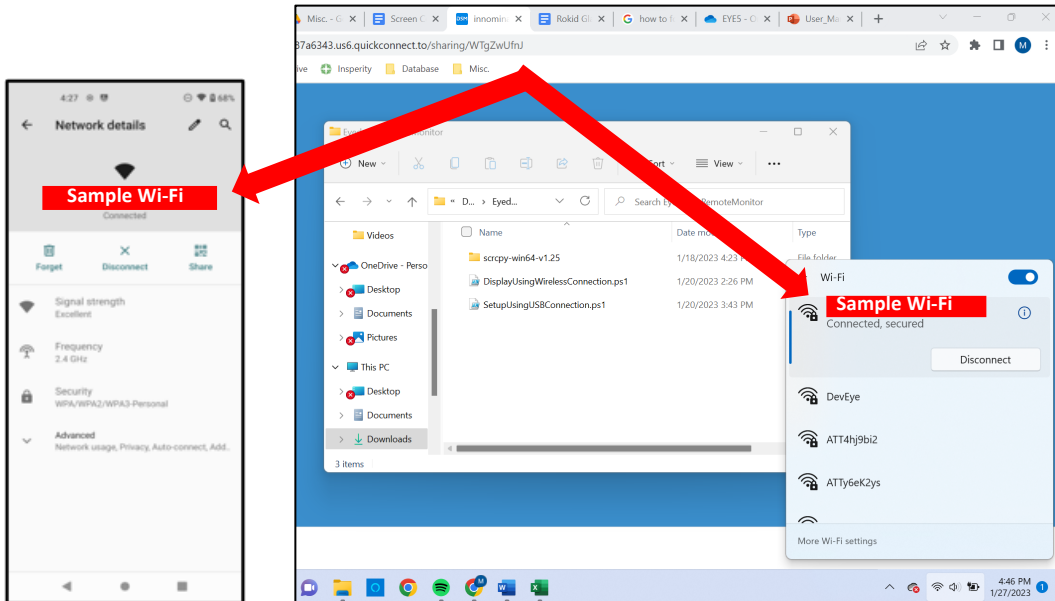
Using the Eyedaptviewer:

*You will need to follow these steps every time you want to use the software

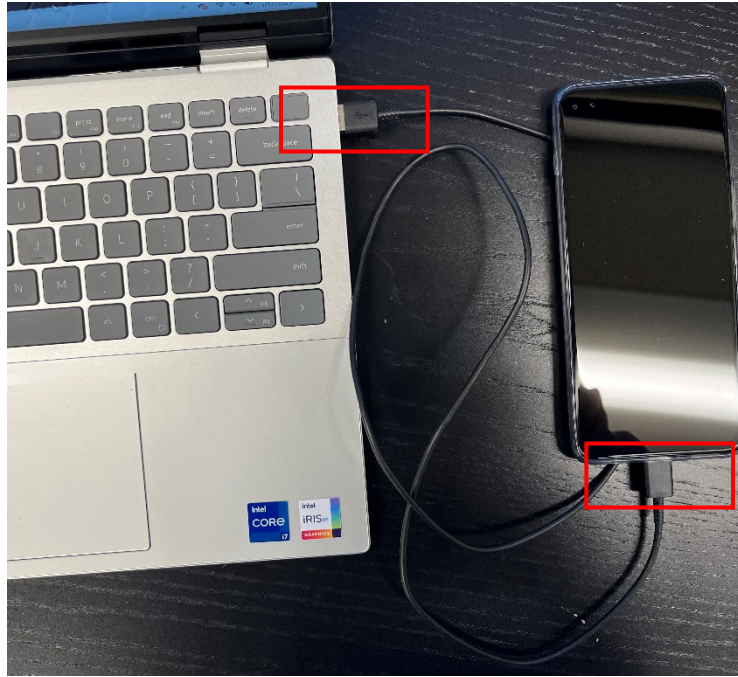
1. Open up the EyedapticRemoteMonitoring folder by double clicking on it. You should see two files and one folder inside.



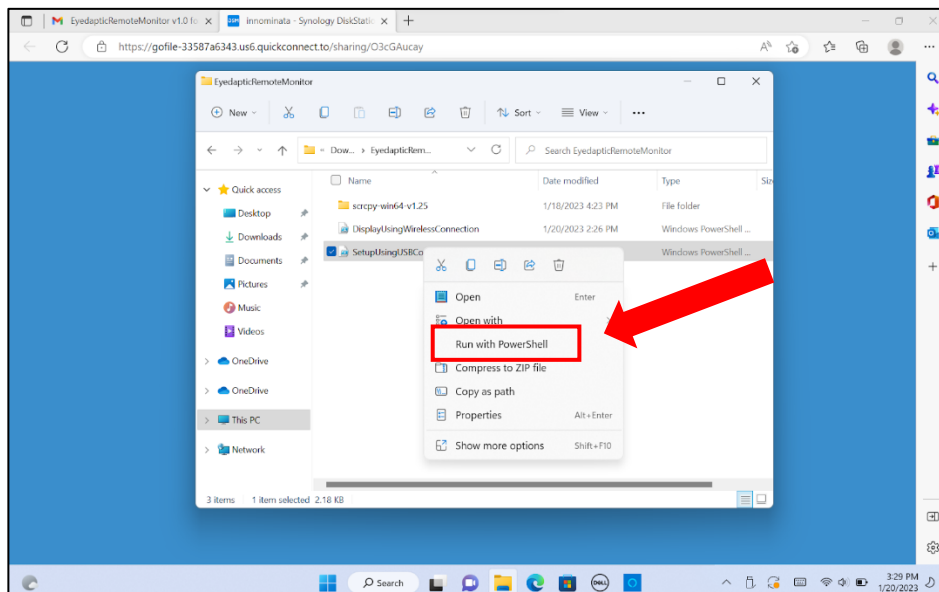
2. Now, you will need to create a **wired** connection between the phone and the computer. The first step to doing this is making sure that the phone and the computer are on the same Wi-Fi.



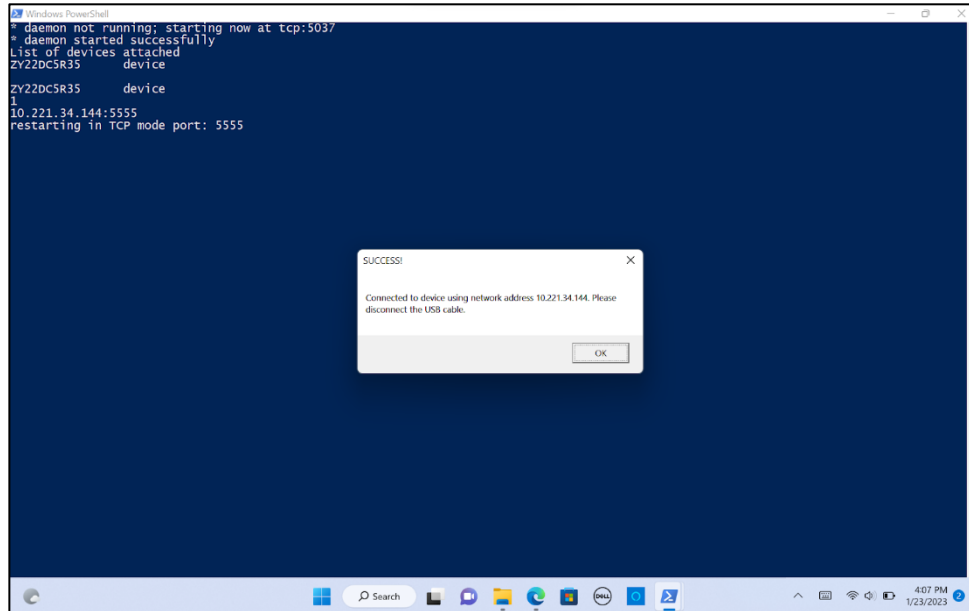
- Now, you will need to plug the phone into the computer using the charging cable (USB to USB-C).



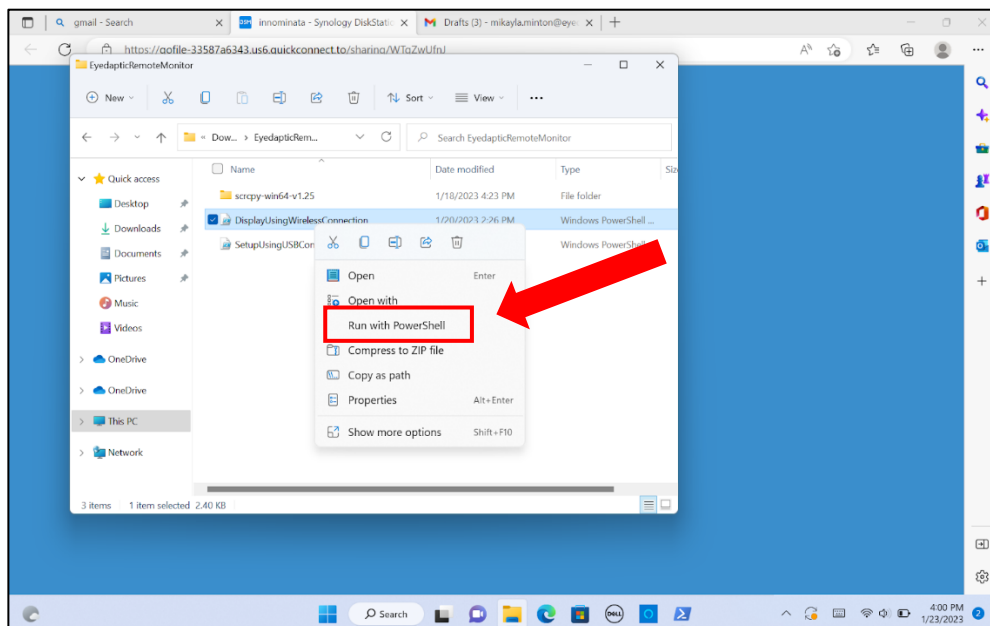
- RIGHT** click on the file SetupUsingUSBConnection.ps1 and click “Run with Powershell.”



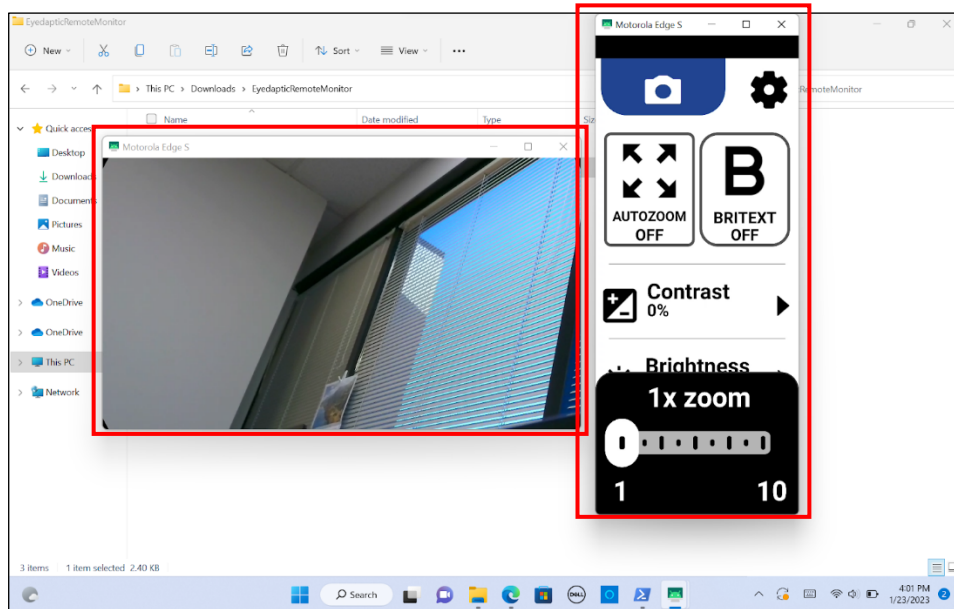
- Once the connection is successfully established, you should receive this notification. You can now unplug the phone from the computer.



- Now, you will need to create a **wireless** connection between the phone and the computer. To do, you need to go back to the folder EyedapticRemoteMonitor. **RIGHT** click on the file DisplayUsingWirelessConnection.ps1 and click "Run with powershell."

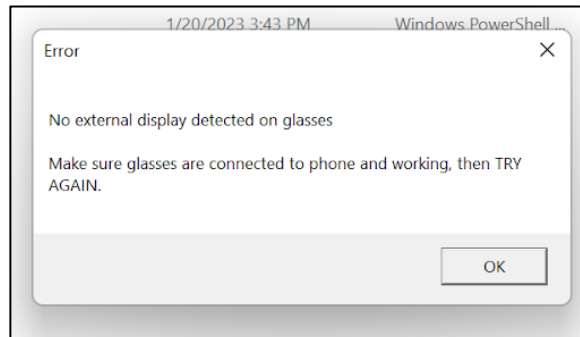


- Once the connection has been made, two screens should pop up – one with the video through the camera and one with the app user interface. The user interface can now be controlled either through the phone as normal, or by clicking on the buttons through this screen.

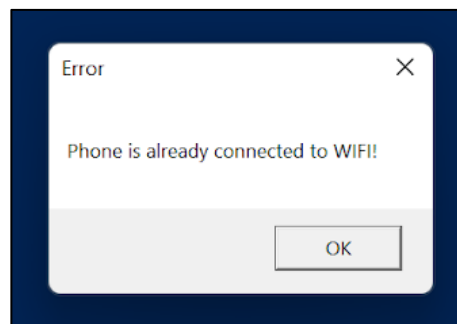


Troubleshooting:

1. If you get this error, make sure the phone and glasses are properly connected to each other and repeat Step 6 of the “Using the Eyedaptiviewer” instructions (right click DisplayUsingWirelessConnection and click “Run with powershell”)



2. If you get this error, it means that a wireless connection is already established between the phone and the computer. Therefore, you can continue on to Step 6 of the “Using the Eyedaptiviewer” instructions.



3. If you get this page, it means that you double clicked on one of the files in either Step 5 or Step 6 of the Using SCRPHY instructions. Close the window, and make sure you **RIGHT** click on the file.

```
SetupUsingUSBConnection - Notepad
File Edit View
|
Add-Type -AssemblyName PresentationFramework
$mypath = $PSScriptRoot
cd $mypath
.\scrcpy-win64-v1.25\adb.exe devices
$devs = .\scrcpy-win64-v1.25\adb.exe devices | where { $_ -match ":5555" }
if ($devs.Length -ne 0) {
[System.Windows.MessageBox]::Show("Phone is already connected to WIFI!", "Error")
Exit 0
}
$devs = .\scrcpy-win64-v1.25\adb.exe devices | where { $_ -notMatch "devices" } | where { $_ -match "device" }
if ($devs.Length -eq 0) {
[System.Windows.MessageBox]::Show("Android device is not connected to USB, or connected but permission not gra", "Error")
Exit 1
}
$devcount = $devs.Length - $devs.Replace("n", "").Length+1
echo $devs
Ln 1, Col 1 | 100% | Windows (CRLF) | UTF-8 with BOM
```