Operating Instructions

Plug the unit into the 110V outlet.

Connect the HDMI connector to the HDMI monitor.

Turn the wireless keyboard on.

Load in the film and turn the unit on.

The display should show the RPI power up sequence and after a few minutes should display the camera output preview.

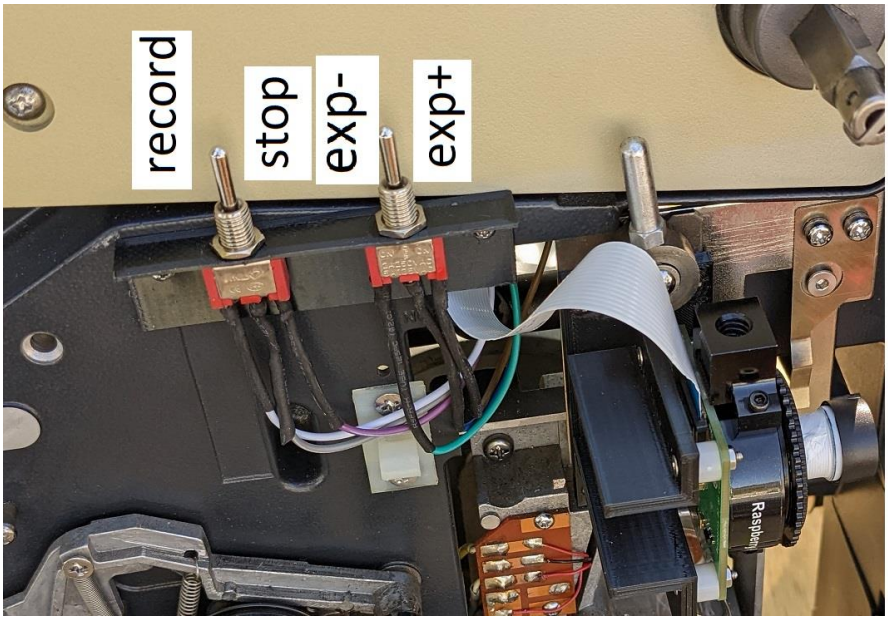
Move the cursor to one of the corners using the wireless keyboard.

Advance film beyond the leader.

Readjust lens focus by turning the lens in or out.

Preview

The camera operation is controlled by two control switches.



Normally, after power up the unit will automatically go into preview mode. Use the right exposure switches to adjust the correct exposure. The preview will be interrupted duri ng exposure adjustment because the RPI has to stop the preview, adjust the exposure and then restart the preview. You can view the video and audio in preview mode or record the video and audio to an external HDMI recorder. Once done, stop the preview by sliding the left switch to the right and turn the unit off.

Recording Video and Audio

Once the right exposure has been achieved by using the right switch you can record the film (video+audio) externally using the external HDMI recorder or hit the left switch to the left momentarily to record to the internal Micro SD Card.

Use the stop switch to stop the recording or preview.

It is to be noted that multiple recordings can be done one after the other in sequence and every time the record switch is activated a new video file will be created in the internal SD Card.

Also note that there is no preview audio during internal recording but the audio will be on the saved video.

Generally, set you exposure using the right switches prior to recording. Do not use the exposure settings after or during the recording session. It could cause the system to lock up. If it does then just turn it off and on.

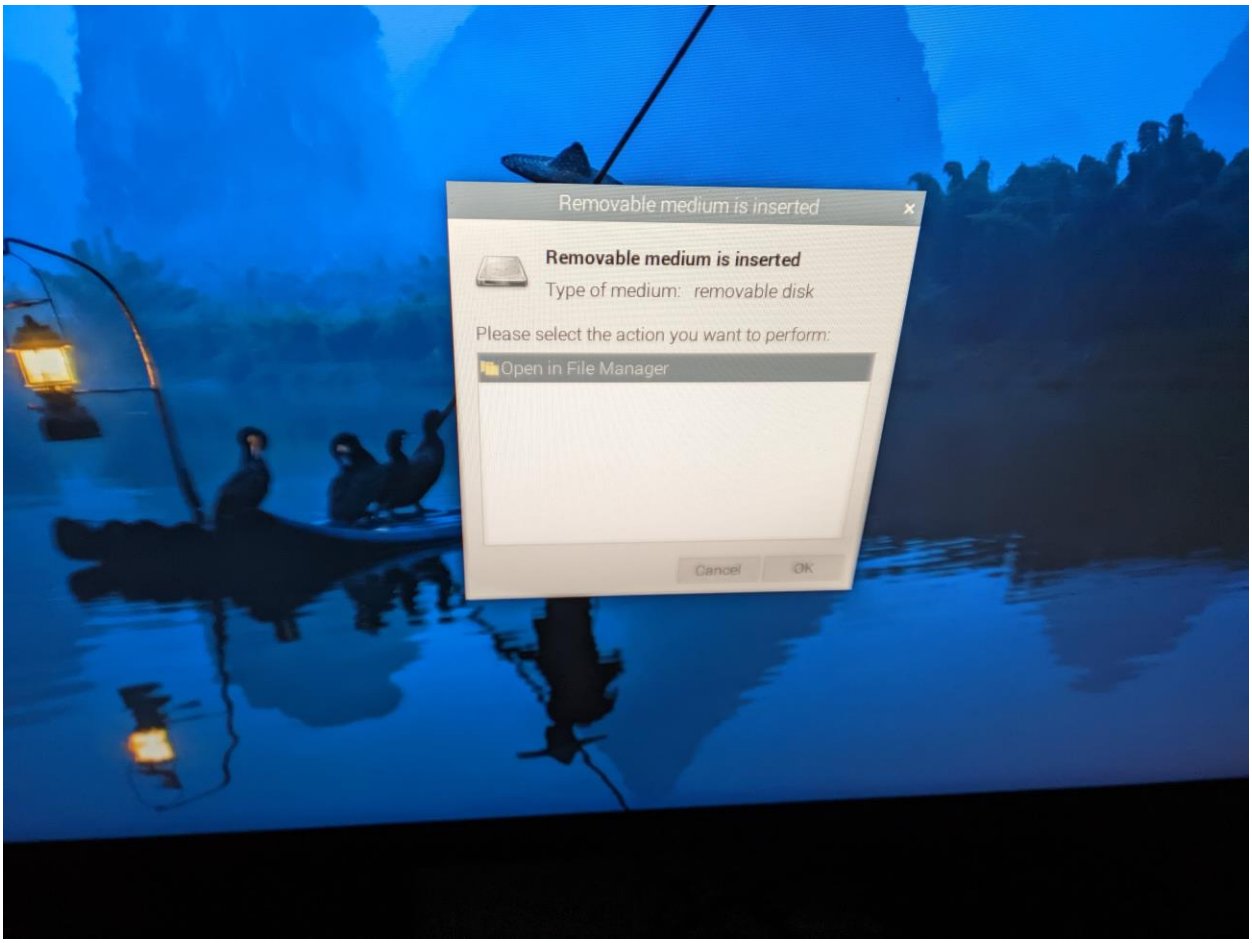
Retrieving the internally recorded videos

Reboot the unit and once the camera preview pops up stop it using the stop switch.

Then plug the USB Stick to the external USB connector still accessible even with the cover on.

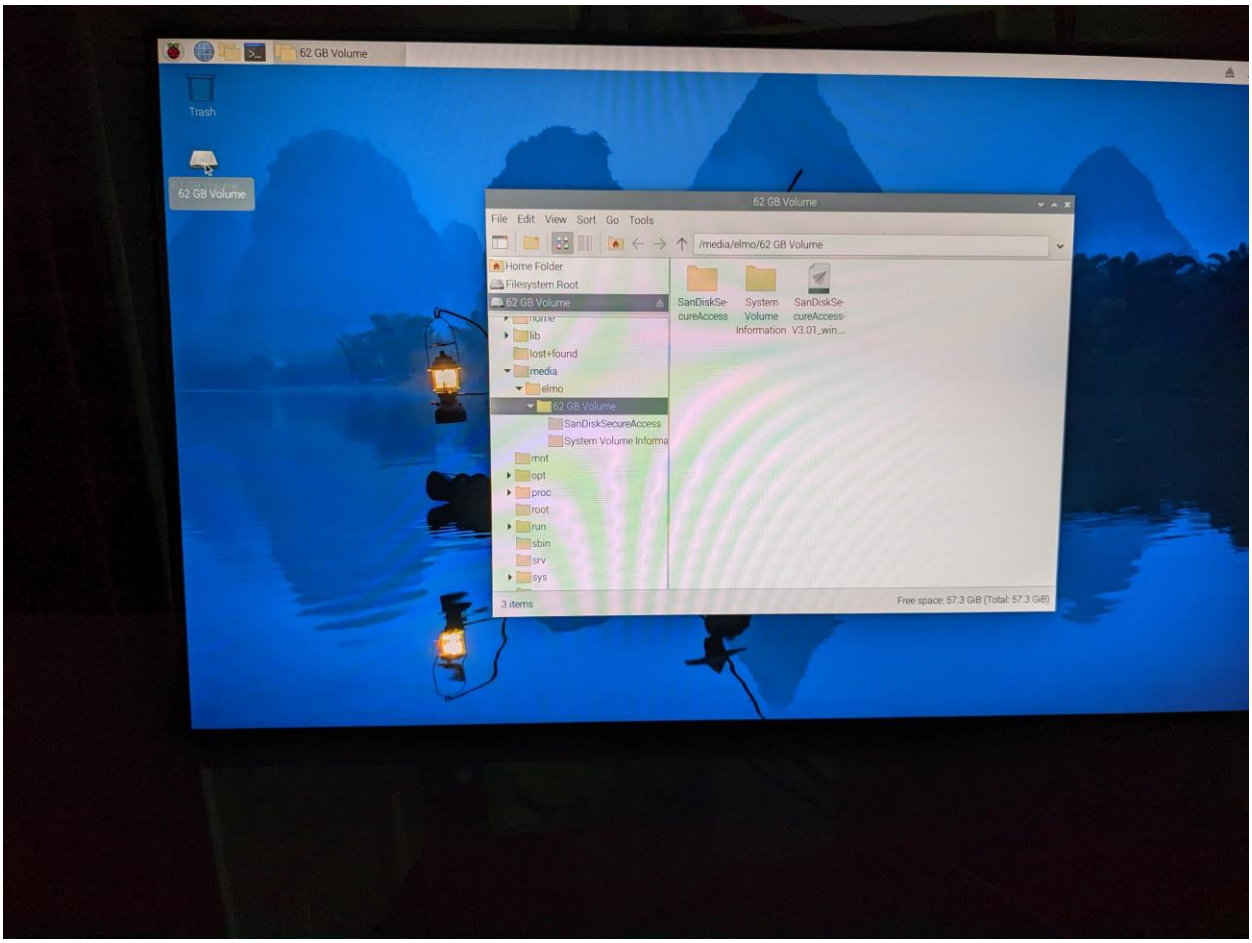
Actually it is better to use a USB hub and plug the USB stick into it along with regular keyboard and a mouse since the tiny keyboard provided is just to move the for the cursor out of the way during recording or preview.

The monitor will show the file manager prompt.



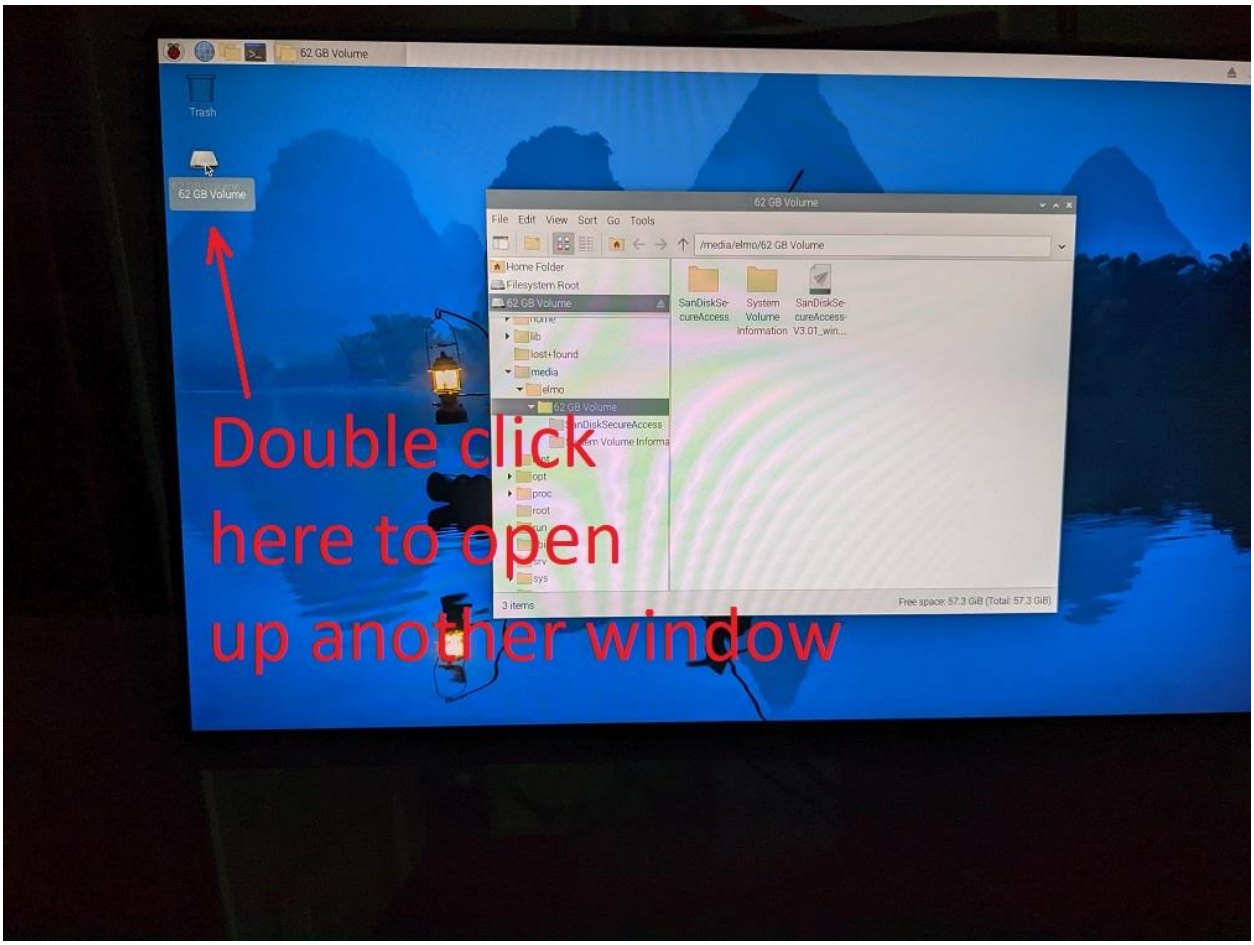
Click ok. The USB stick window will open up.

Note, the wireless keyboard left and right mouse buttons are located all the way on the left side of the keyboard.



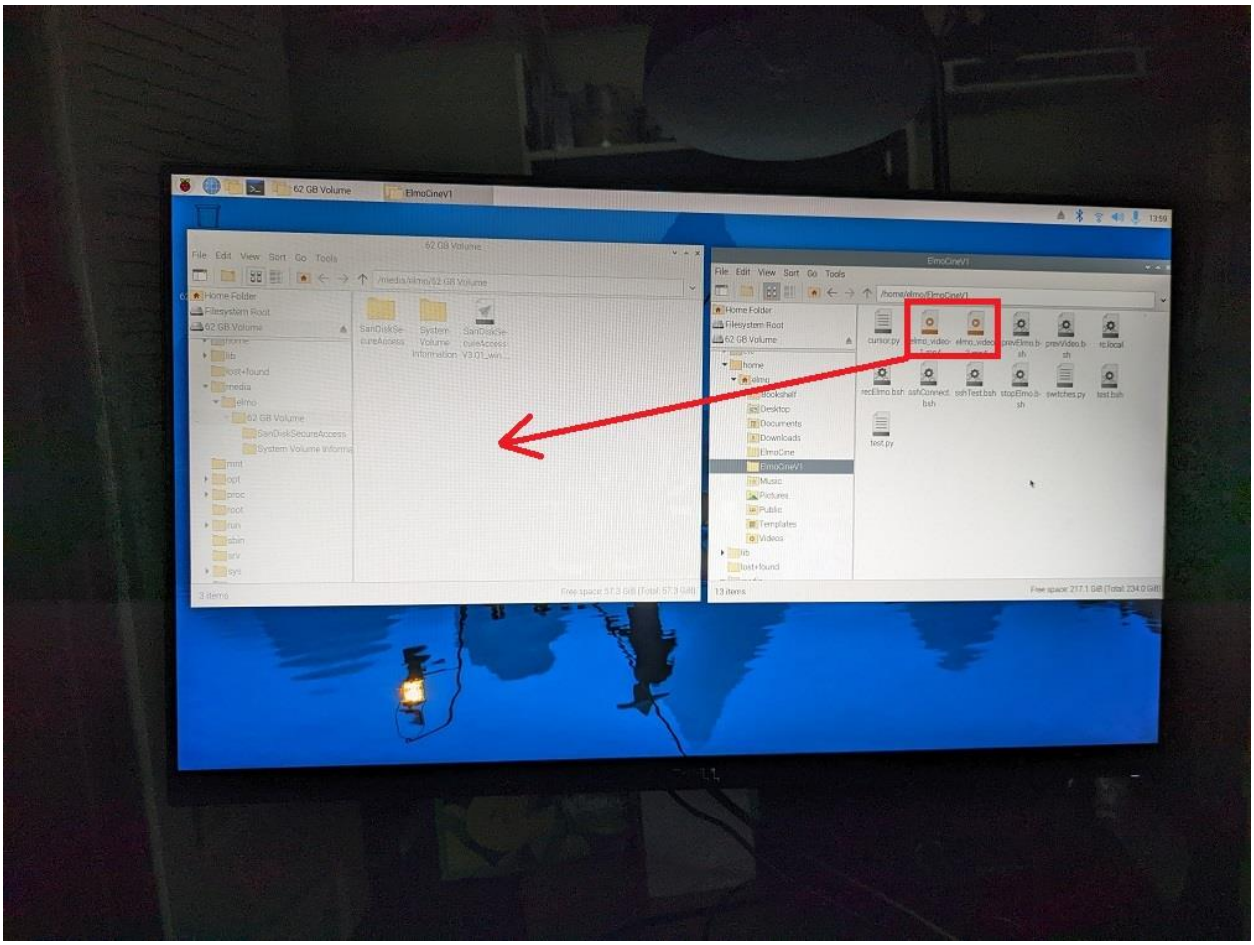
This is there you will drag the video files into.

Then open up the source directory by clicking on the file manager.

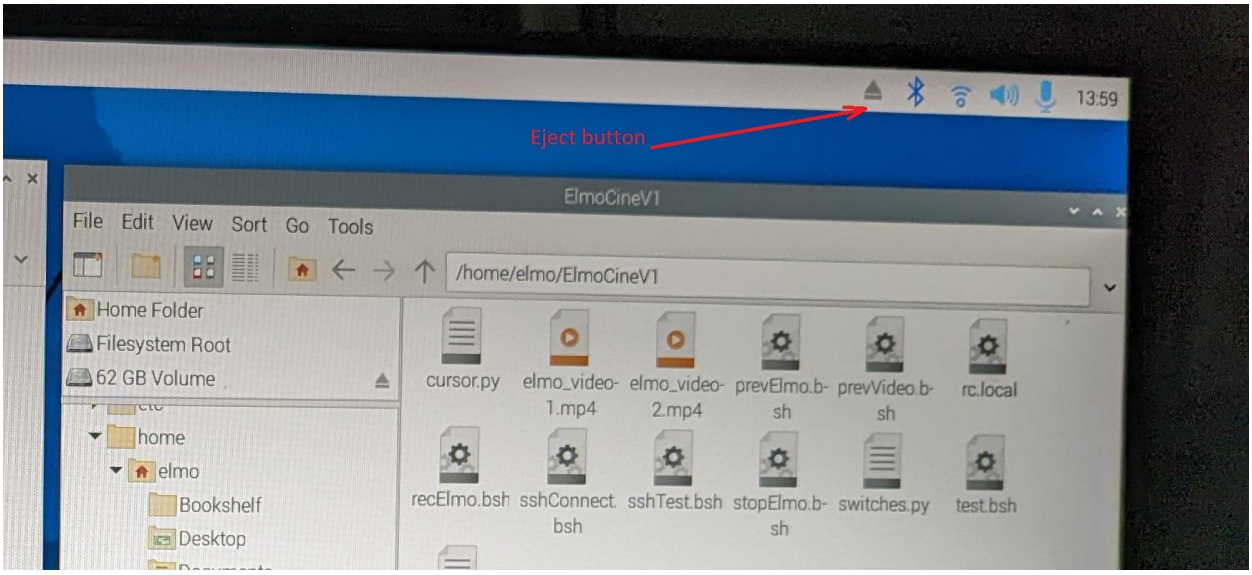


The in the source window navigate to the ElmoCineV1 directory by double clicking on it.

In there you will see the video mp4 files. Drag them over to the USB stick window,

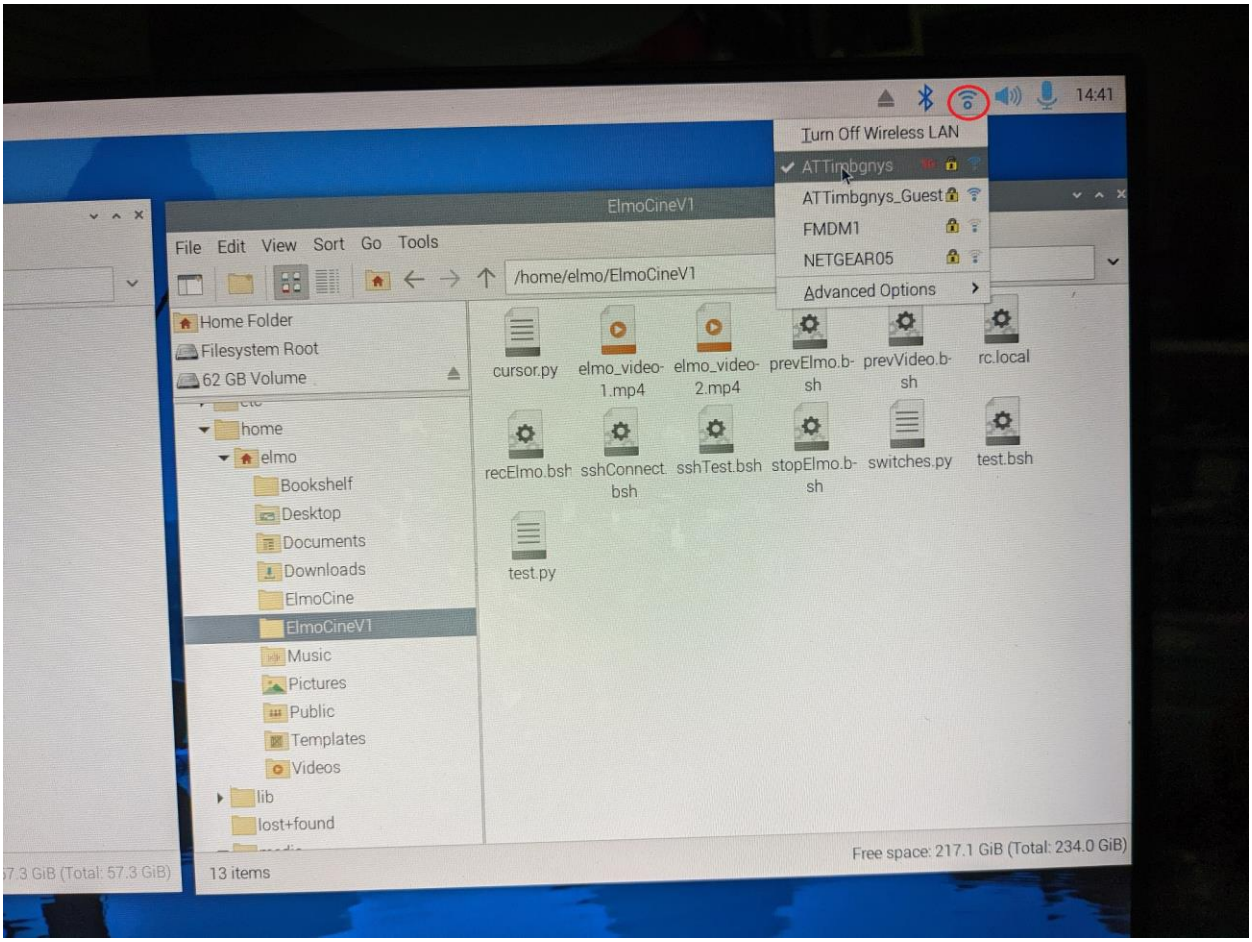


Eject the USB stick by clicking in the Eject button.



Copy files via Wifi

Connect the RPI tot the local router.



Click on the WiFi icon and select your router.

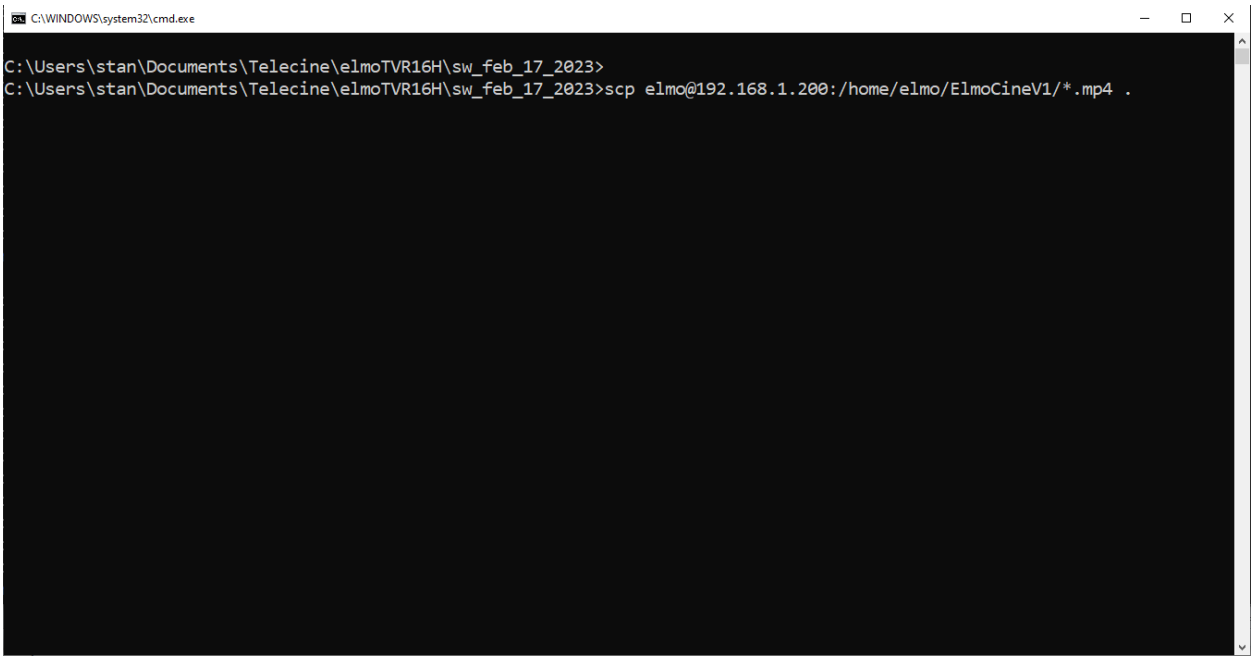
Enter the password and click OK.

Now you will be connected to your local router and you can transfer the files using the

scp session.

Google for scp transfer for your specific computer that you normally use.

Shown here is the SCP session for Windows 10.



In command window navigate to the directory where you want to store the files and run the scp copy shown above and you are done.