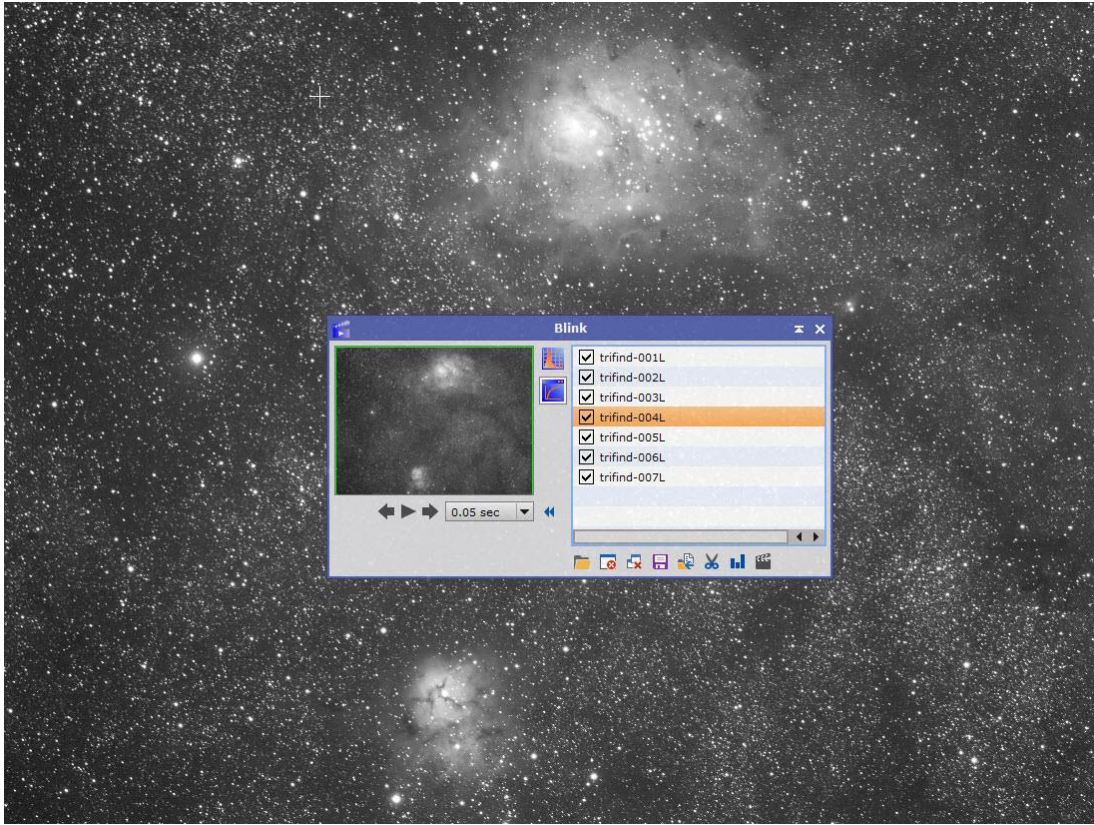


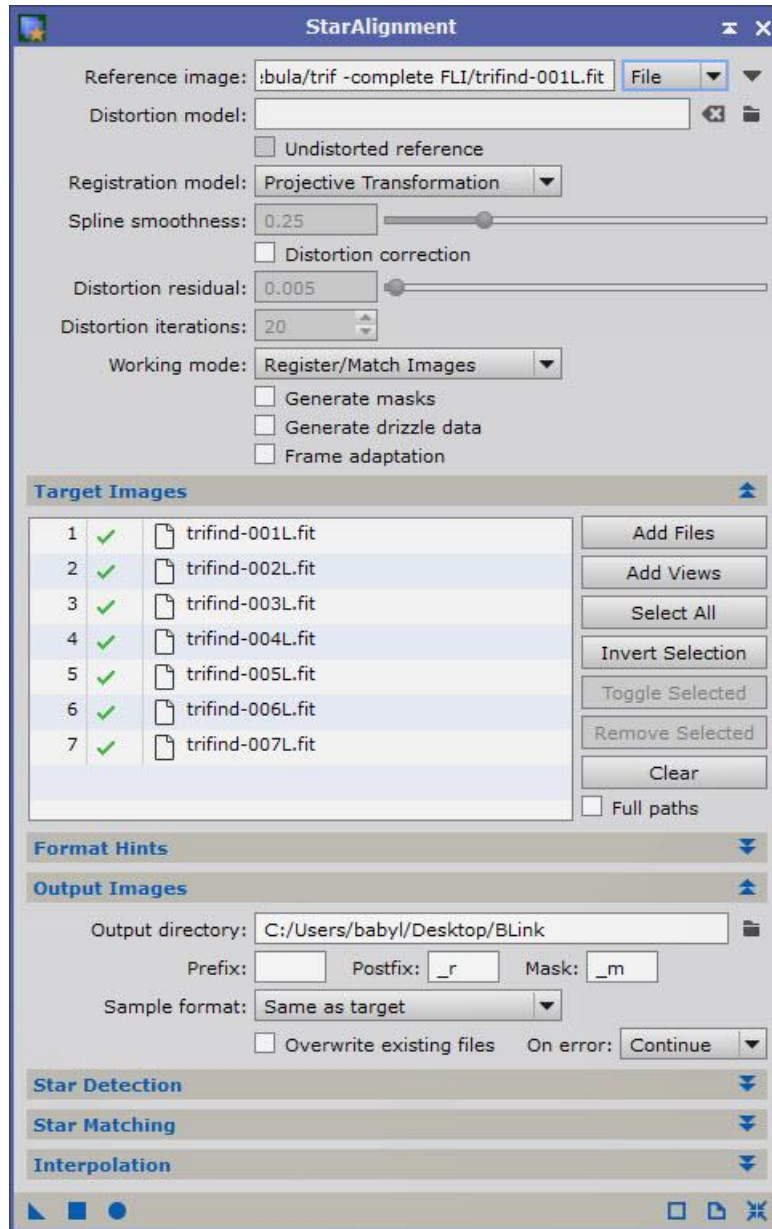
PIXINSIGHT BLINKING



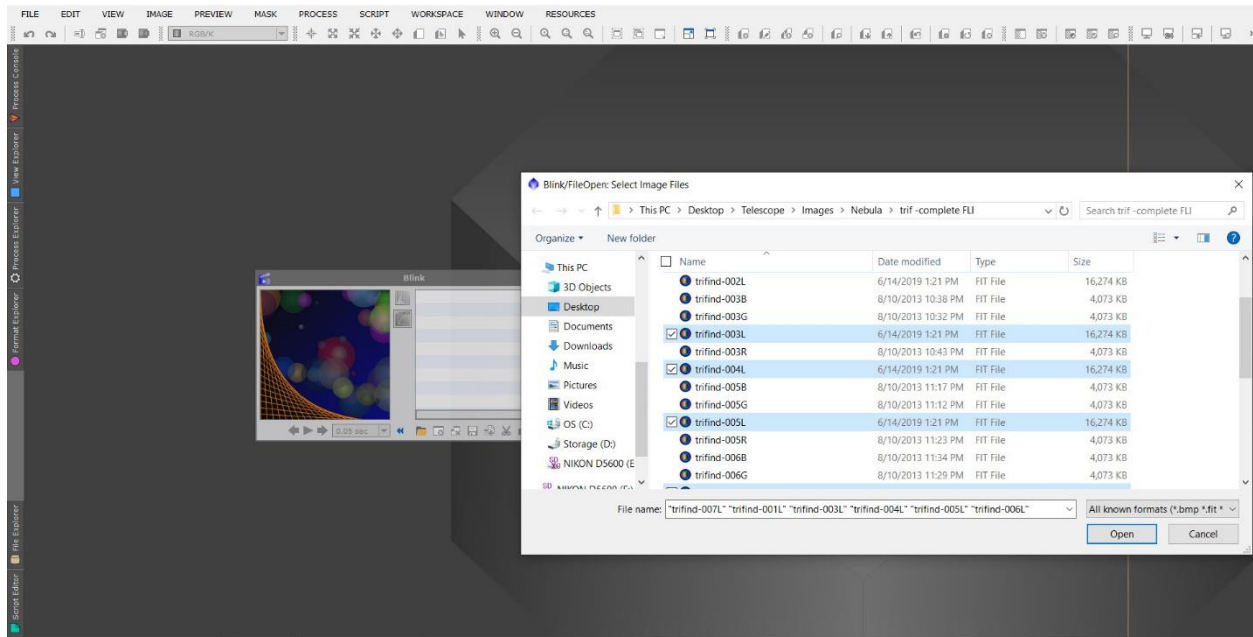
Blinking in Pixinsight is fairly easy with 2 simple processes. The first step will be to align your images using Star Alignment. You can blink without aligning your images however if you Dither when guiding then your images will be jumping around as you blink (See Gif)



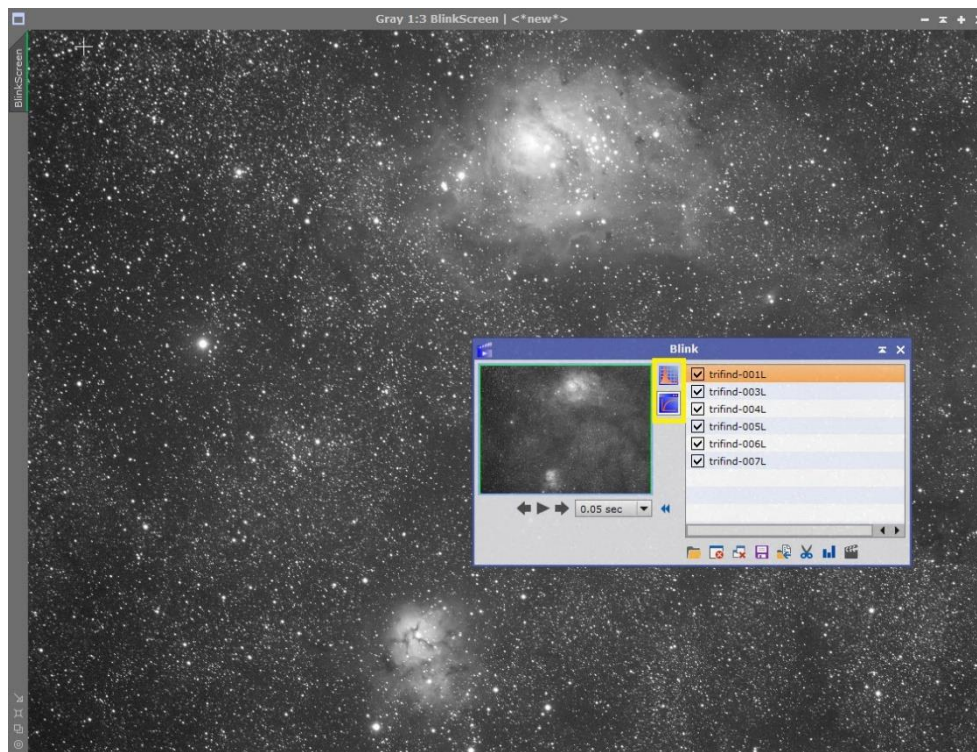
To star align open up the process Star Alignment. Add your files to the target Images area and then select your reference image. If you have the images open in Pixinsight you can use the View option or use the File option and just select the file you want to use. Choose your output directory and globally apply (Circle Icon)



Once you align your images you want to open the Blink Process. When the Blink window opens click on the folder icon and select the images you want to blink.



When you add the images you will see the blink window loaded with the ones you selected and an image will be loaded as well which is the video. You have 2 choices of stretching your image (See yellow boxed options). The first one is to do an auto histogram stretch on your images. The second is to do an auto Screen Transfer Function. Pick the one that best stretched your image without blowing it out. The stretch will apply to all the images.






Once you have stretched the image you can click the play button to see how fast the images are cycled. You can adjust the speed through the scroll down bar to the right of the play button. (See Gif for stacked Animation)




You may see white pixels jumping around different areas of your image. This is typically seen when you dither. These pixels in a stacked image will be stacked out but when you blink you see them jumping around. These are not something you are looking for when looking for movement in your image. (See pixels in GIF Below)

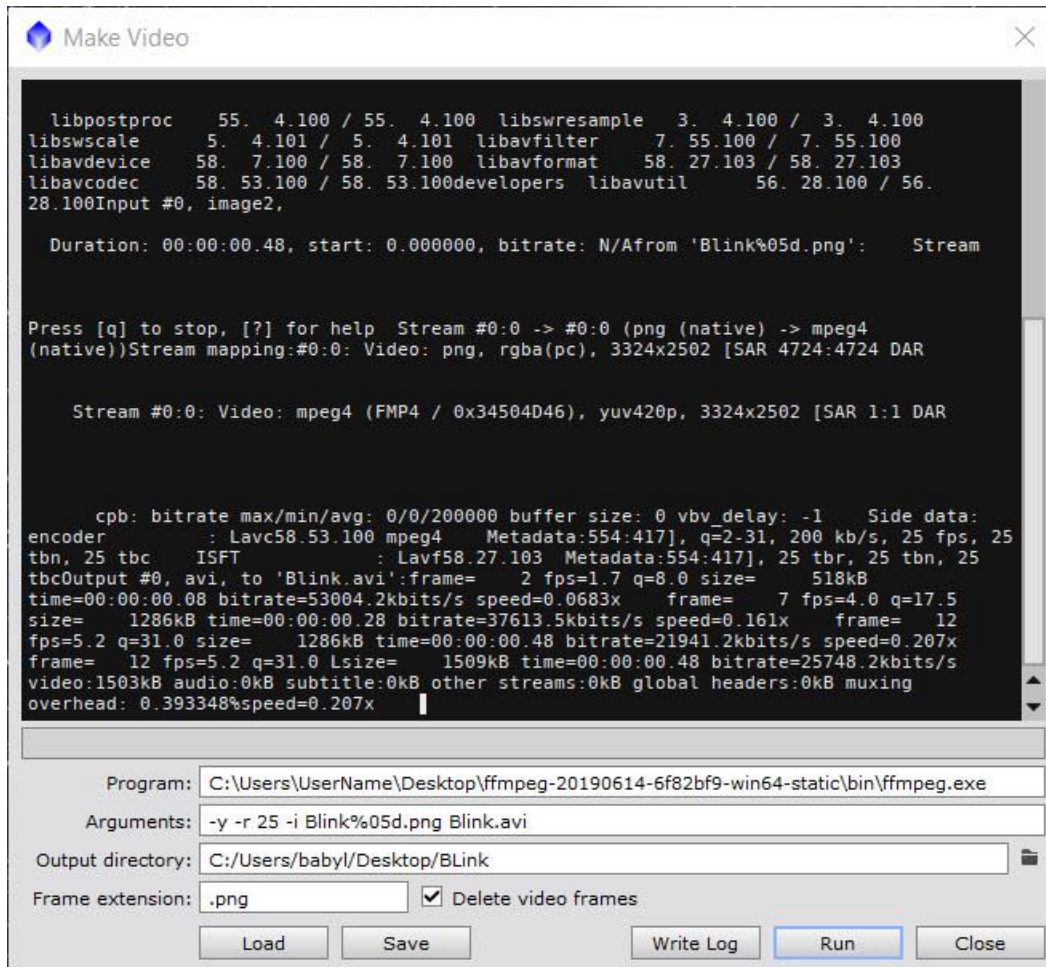


If you are blinking to look for NEO's or Supernova's you don't want to use images that have distortions, for instance cloud gradient or guiding issues. If you see images with a low quality you can click on them and select the close selected images icon .

If you see something in your image such as an NEO that moves thorough a specific area of your image you can crop that specific area. You will need to press Alt+N (as if you are doing a preview window) and then Click on an image in your blink window and press Ctl+A to select all. Then press the scissor icon . A window will open for you to save the new cropped files in. Once you save the files click on the close all icon . Then click on the folder icon and open the newly saved cropped images.

If you want to export as a video you will need to download the [FFMPEG Encoder/decoder](#).

Then on the blink window click the Animation icon . In the animation window in the program area you want to put the directory location of the FFMPEG program. Then select your output directory. If you don't click the delete .PNG video files then the individual .PNG files will be saved with the video file in the output folder.



That is the Blink Process for Pixinsight. Check out our other tutorials.

