

ASIDeepStack Workflow

1. Open the ASIStudio App.
 - If you don't have it , download it from here: <https://www.zwoastro.com/software/>
 - You can view and download the manuals from here:
 - ASIStudio: https://i.cmoscool.com/zwo-website/manuals/EN_ASIStudio_Manual.pdf
 - DeepStack: https://i.cmoscool.com/zwo-website/manuals/ASIDeepStack_helpDoc.pdf
2. Open **ASIDeepStack** to stack individual fit images.
3. Add Calibration Frames (if necessary, but a really good idea to use these)
 - Select BIAS and then click on “Select Bias” to load your Bias frames.
 - Select FLAT and then click on “Select Flat” to load your Flat frames.
 - Select DARK and then click on “Select Dark” to load your Dark frames.
4. Select LIGHT and then click on “Select Light” to load your Light frames (fit files).
5. The files will fill the window.
6. In the Stack window:
 - Click on the folder (ASIDeepStack) to view and remove old, processed images.
 - Click on the “arrow” to start processing.
7. The app will perform the stacking and alignment.
 - Click on the “swirly” icon next to the “arrow” to toggle back and forth between a single image and the stacked image.
 - Make sure the Auto button is highlighted. This tells the software to automatically stretch the image.
 - Zoom in and adjust the dark and white levels if the image is too dark or too light.
8. Go to the Image Processing window, to further adjust the final image.
9. Click the save button at the bottom right of the image to save the stacked image. The final image is saved in three formats (light_stack_#.fit, light_stack_#.jpg, and light_stack_#.tif).
10. Click on the folder (ASIDeepStack) to find your images and copy them to another folder.
11. Click the question mark in the upper right to display the pdf help document.
12. Note that the folder ASIDeepStack is the default location for processed images. Go to settings to change the location of this folder (if necessary)