

SkySolve Starup Quick Guide.

Note: Power off. Do not just pull the power cord.

Instead move the Field/home switch to the opposite side from where it was when booted for the current session. Then watch the green LED inside the case. Wait for it to do an even spaced 9 blinks. Then you can remove the power. Doing otherwise can corrupt the SD card. The switch must be held in the other position for at least 6 seconds before the shutdown sequence will st

The switch at the top has 3 positions. Middle is the same a Home. Left is Field

The RaspberryPi box has a tiny screw driver used to tighten the C-Mount adapter ring once infinity focus has been adjusted. I have already set the ring to about right. In case you need to adjust and then tighten it. That screw is at the top of the camera lens mount. When looking at the front of the camera it is on the top right hand side of the lens mount

You may want to add your home wifi network to the PI. There is a script to help you do so. It can be run using VNC to access the RPI GUI. It is Home/pi/skysolve/Autohotspot/autohotspot-setup.sh Then select 5. You should be able to figure it out from there.

To begin with apply power and look for wifi skypi0003. Password is 1234567890

Then attach you home machine to that wifi. Install RealVNC client on your home machine and connect to 192.168.50.5
That should give you a RPI gui.

If however you want to play with skysove itself. Connect Browser to 192.168.50.5:5000

If you want to see it talk to SkySafari set telescope control in SkySafari to
Scope Type – StellarCat ServoCat
Mount Type – Alt-Az. Push-To

Connect via WIFI
do not select Autop-Detect SkyFi
ip Address 192.168.50.5
Port 5005

It should show your where I last solved which I think was Vega Lyra.

It should power up running the skysafari listening app and the solving app. Of course the solving will fail until under the stars.

To play with the GUI click the align button so it does not try to solve. Then play with the camera if you like. Also click the replay images button to see some images I recorded that you can click on the “solve this” not “solve” button. To see it solve individual images. The “solve” button will cycle it through all the history images solveing each as it goes.