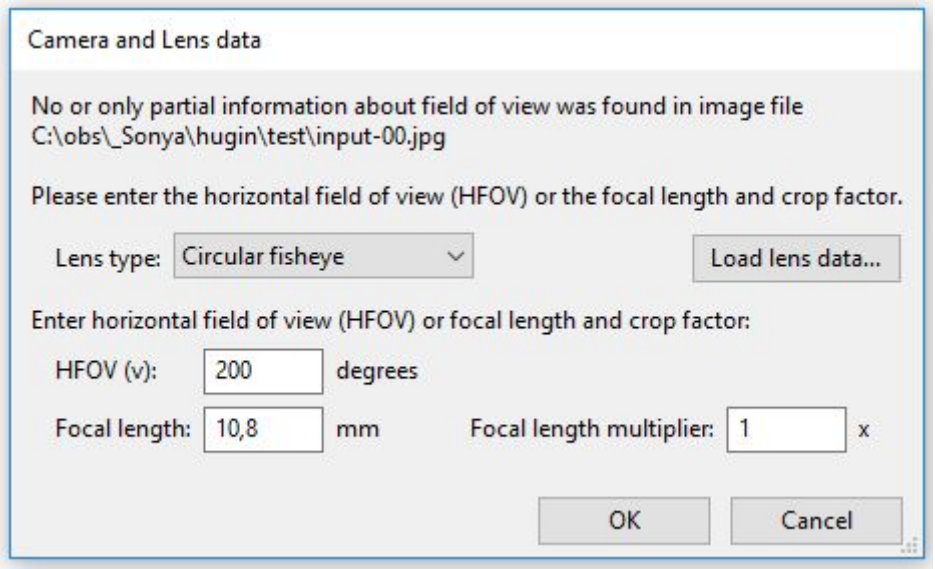
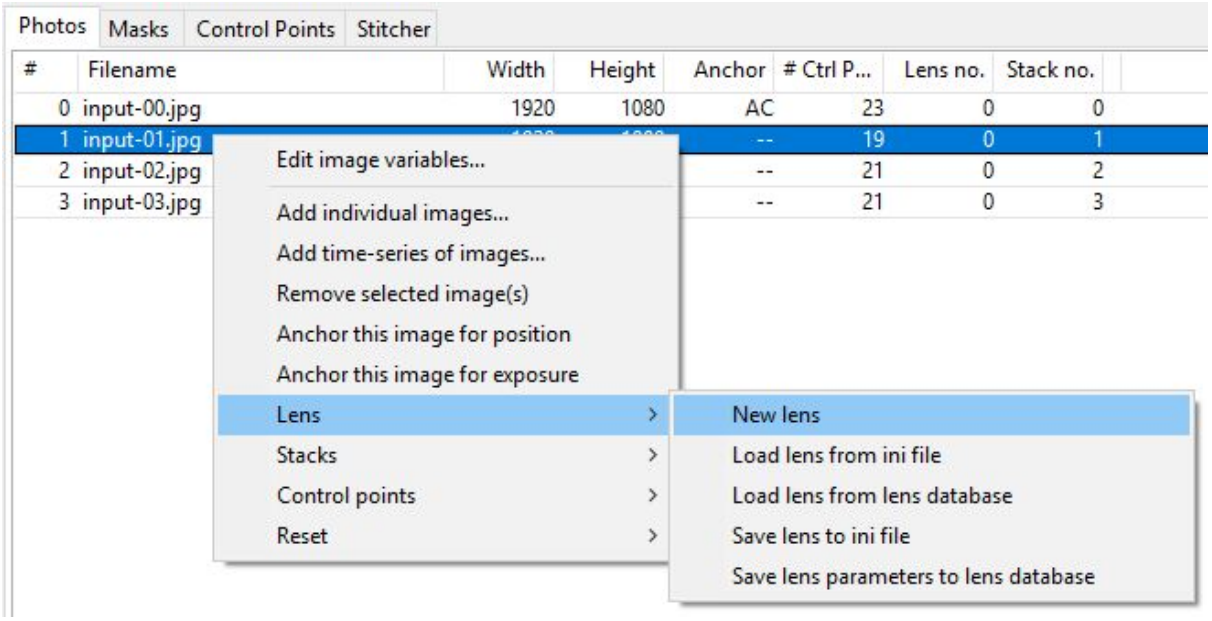
1. Stitching with Hugin

Import test images in Hugin. Set approximate parameters. Hugin will tune those later.



Now switch to expert mode.

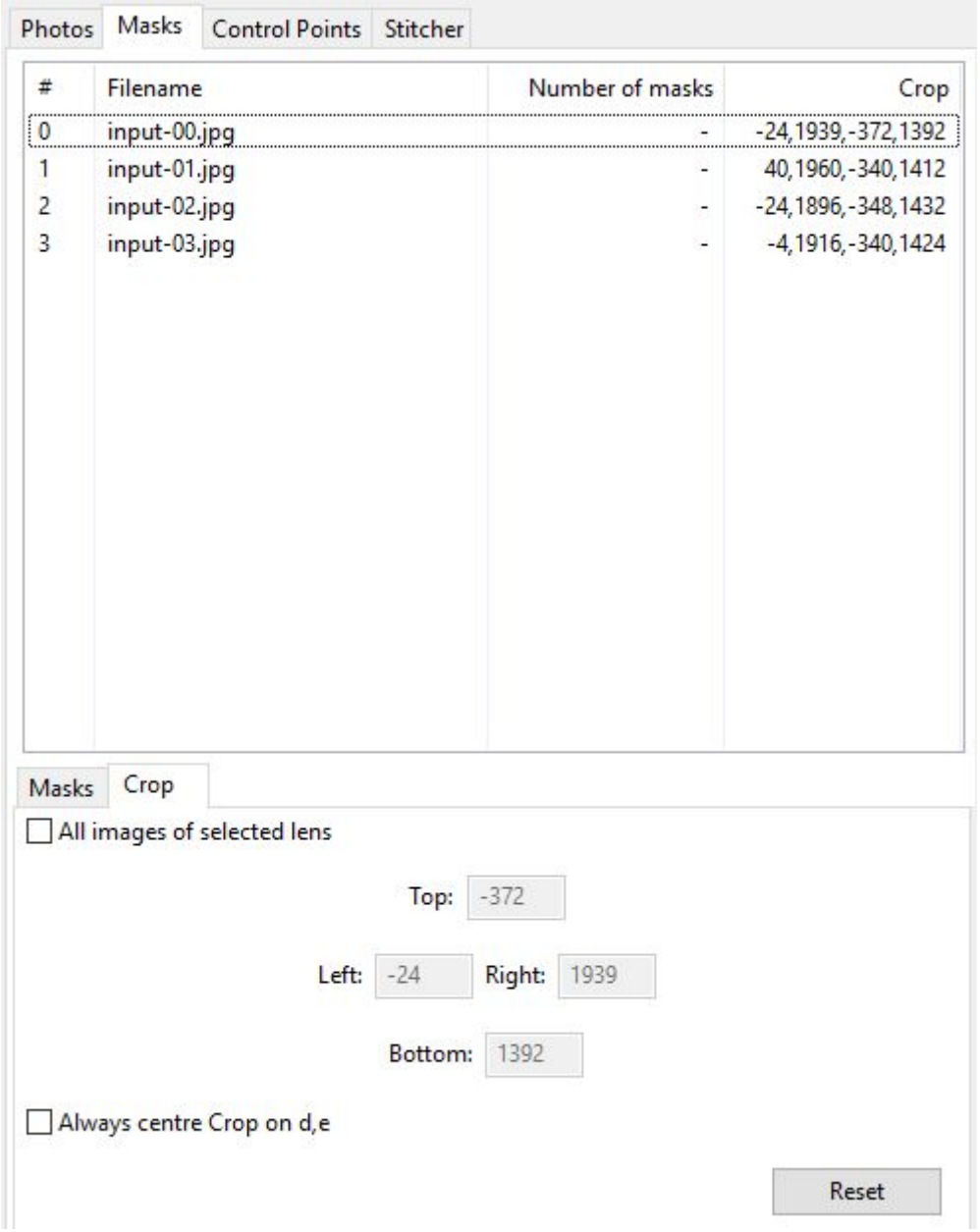
By default Hugin thinks that all images were made by one camera but this isn't true for multi cam rigs. Add a lens for every image.



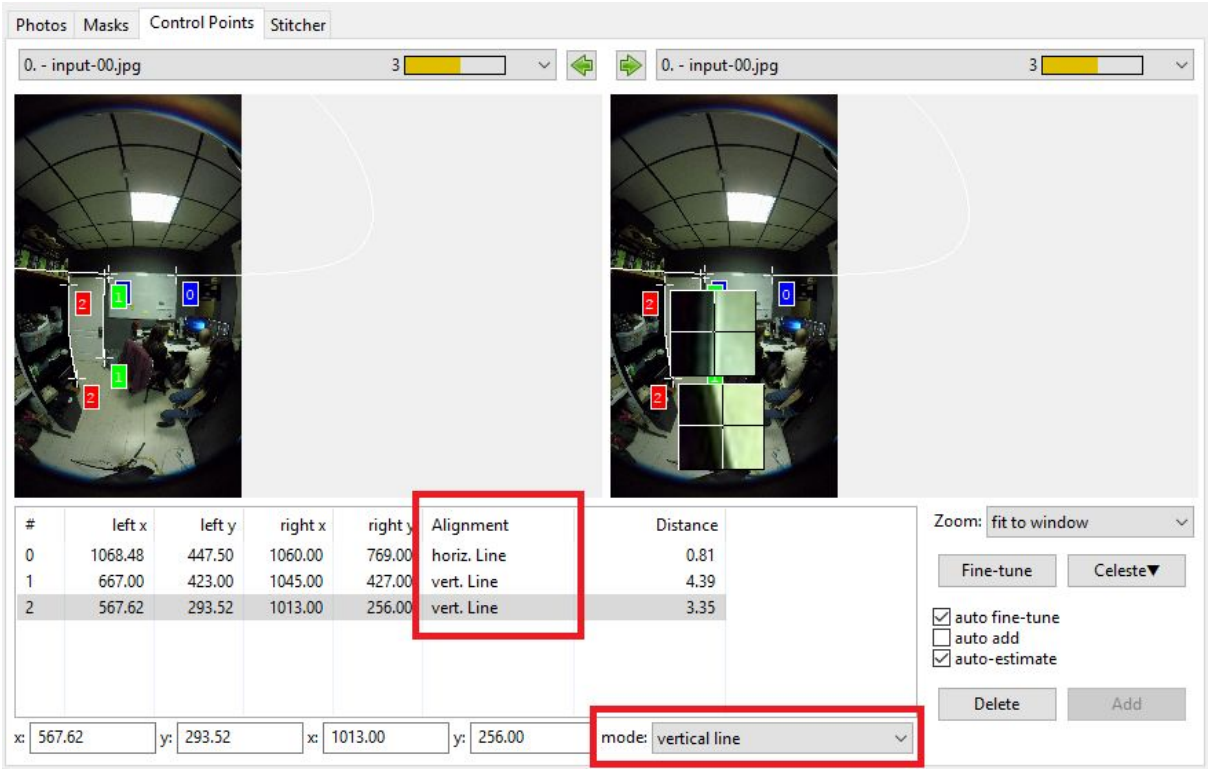
Now go to Masks -> Crop and set crop for every image. OBS plugin ignores any crop data for Hugin projects so you set it only to simplify your work.

Hint

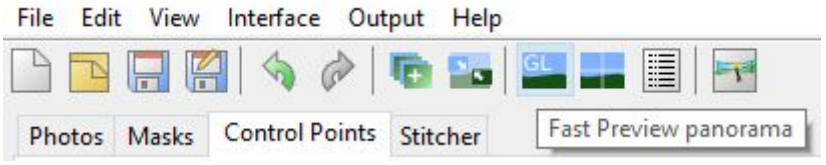
Hugin doesn't have any params depending on crop. So you can make it a bit bigger. You can cut it down later with masks.



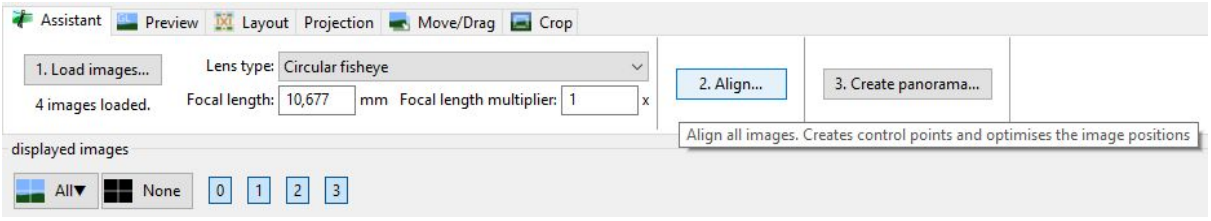
For every image add some control points and 2-4 vertical and horizontal lines. If Hugin missdetects image orientation you should fix mode of lines.



Switch to “Fast Preview panorama”.



And click “Align...”

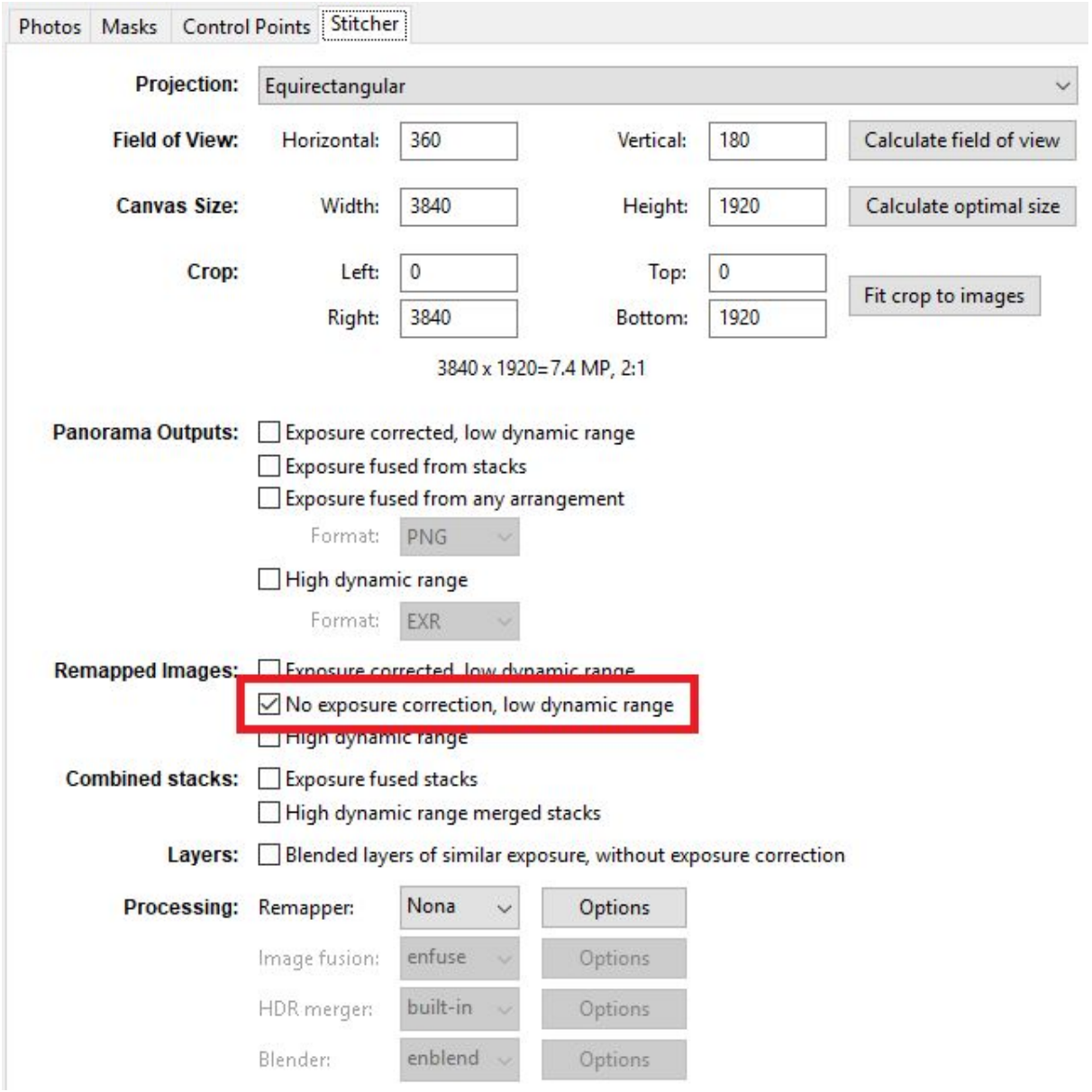


If result is upside down you can easily rotate it.

Hint

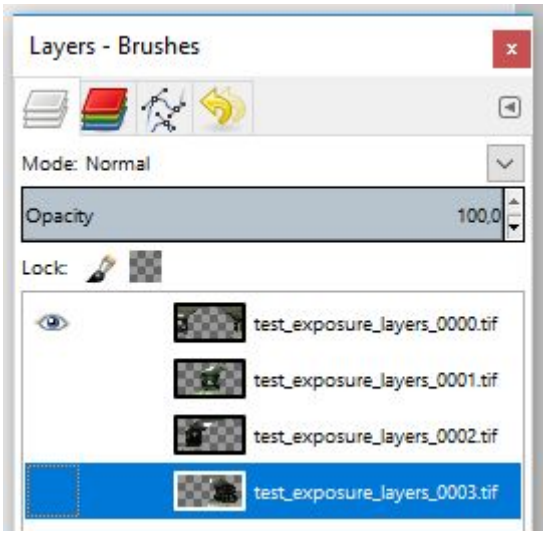
One camera should be pointed backwards on panorama. Or you will get problems with masks.

Return to previous window. Go to Stitcher tab and set resolution. Choose “No exposure correction, low dynamic range” and press “Stitch!”.



2. Creating masks in GIMP.

Open GIMP and import created images as layers. Erase everything you don't want to see on picture. You can also change order of layers if needed. Set visibility to one layer and save it as PNG. Do it for every layer one by one.



3. Setting Prosense stitcher for OBS.

Add camera sources in OBS. Add "Prosense Stitcher" filter to every source. Set project file and image mask locations, camera number (from Hugin). Set resolution to canvas size.

Now reorder sources to match order in image editor. It can be reversed depending on image editor you used.