

180Augen ver1.3 Tutorial

1. Canon cam's data

The screenshot shows the 180Augen software interface with the following elements circled in red:

- Input Image File:** Left field contains "L.jpg" and Right field contains "R.jpg".
- Corresponding coordinates Settings:** The "Separately Input" radio button is selected. The "Get A,B" button is circled.
- Output Settings (dots):** The "Height" field is set to 4096 and "xWidth" is set to 8192.
- Camera and Lens Settings:** The "Output Image File" field is set to "LROut.jpg".
- Camera and Lens of the Left Image:** The dropdown menu shows "5DII & Tokina AT-X107 10mm" selected.
- Camera and Lens of the Right Image:** The dropdown menu shows "5DII & Tokina AT-X107 10mm" selected.

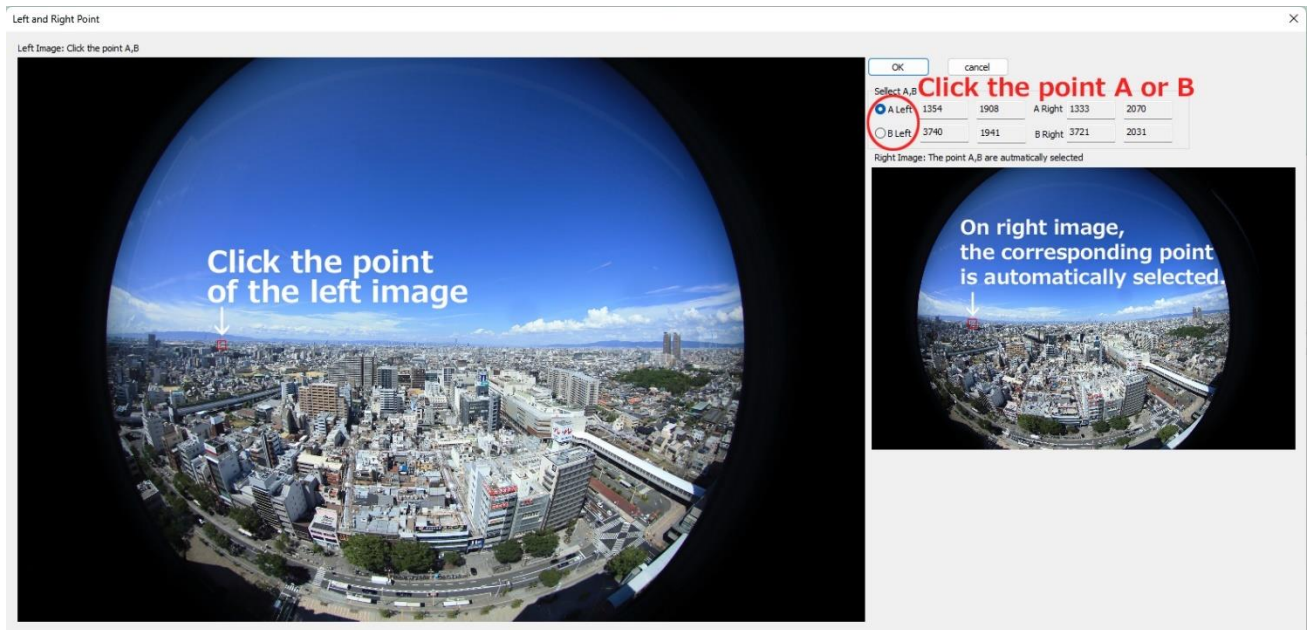
Other visible elements include a "Zenith correction(degree)" section with "Roll", "Pitch", and "Yaw" fields, and buttons for "Camera Lens Registration", "Start Conversion !!!", and "Finish".

Leave "Input Image File" on the main dialog as default, left image as "L.jpg", right image as "R.jpg".

Click the "Get A, B" button to get the coordinates on the "Left and Right Point" dialog.

Select "5DII Tokina AT-X 107 10mm" for both "Camera and Lens of the Left/Right Image".

When you click "Start Conversion!!!", the left "L.jpg" and right "R.jpg" images in the "input" folder will be converted, and the VR180 image will be output in the "output" folder.



On the "Left and Right Point" dialog, first select point "A" or "B" with the radio button. Next, click on a point as far away from the camera as possible in the large image on the left. Selecting points that are close distorts the output image.

Both the clicked point and the corresponding point in the right image are bounded by red rectangles.

On the right image, the point that corresponds to the point clicked on the left image will be automatically selected.

At this time, if the clicked point is in a low-contrast area or in a featureless area, an uncorresponding point may be selected. In that case, click another point again.

When the coordinates of point A or B are obtained, they are displayed to the right of the radio button. Thus, you get the coordinates of both point A and B. Click the "OK" button to return to the main dialog.

2. Olympus cam's data

The screenshot shows the 180Augen software interface with several settings highlighted by red circles:

- Input Settings:** The "Input Image File" section has "Left" set to "L1.jpg" and "Right" set to "R1.jpg".
- Corresponding coordinates Settings:** The "comma separated input" radio button is selected. The text field below it contains the coordinates: "1432, 2261, 1393, 2224, 1707, 1857, 1640, 1791".
- Output Settings (dots):** The "Height" is set to "4096" and "xWidth" is set to "8192".
- Camera and Lens Settings:** The "Output Image File" is set to "LROut.jpg". Under "Camera and Lens of the Left Image", "EM10mkIII & Meike 6.5mm L" is selected. Under "Camera and Lens of the Right Image", "EM10mkIII & Meike 6.5mm R" is selected.

Buttons at the bottom include "Camera Lens Registration", "Start Conversion !!!", and "Finish".

Change the left image file name of "Input Image File" to "L1.jpg", and right one to "R1.jpg".

On the "Corresponding coordinates Settings", select the radio button of "comma separated input". Copy "**1432, 2261, 1393, 2224, 1707, 1857, 1640, 1791**" and paste it to this field.

Select "EM10mkIII & Meike 6.5mm L" on the "camera and Lens of the Left Image", and "EM10mkIII & Meike 6.5mm R" on the "camera and Lens of the Right Image".

When you click "Start Conversion!!!", the left "L1.jpg" and right "R1.jpg" images in the "input" folder will be converted, and a VR180 image file will be output in the "output" folder.