

Stereo Viewer Manual (Ver. 1.0)

2023.1 AO Quest

Introduction

In the past, the digital camera has ever been popular. This software can browse pictured 3D image (MPO format) by 3D glasses. Besides, the software can load the left and right JPEG images took individually.

Operation Environment

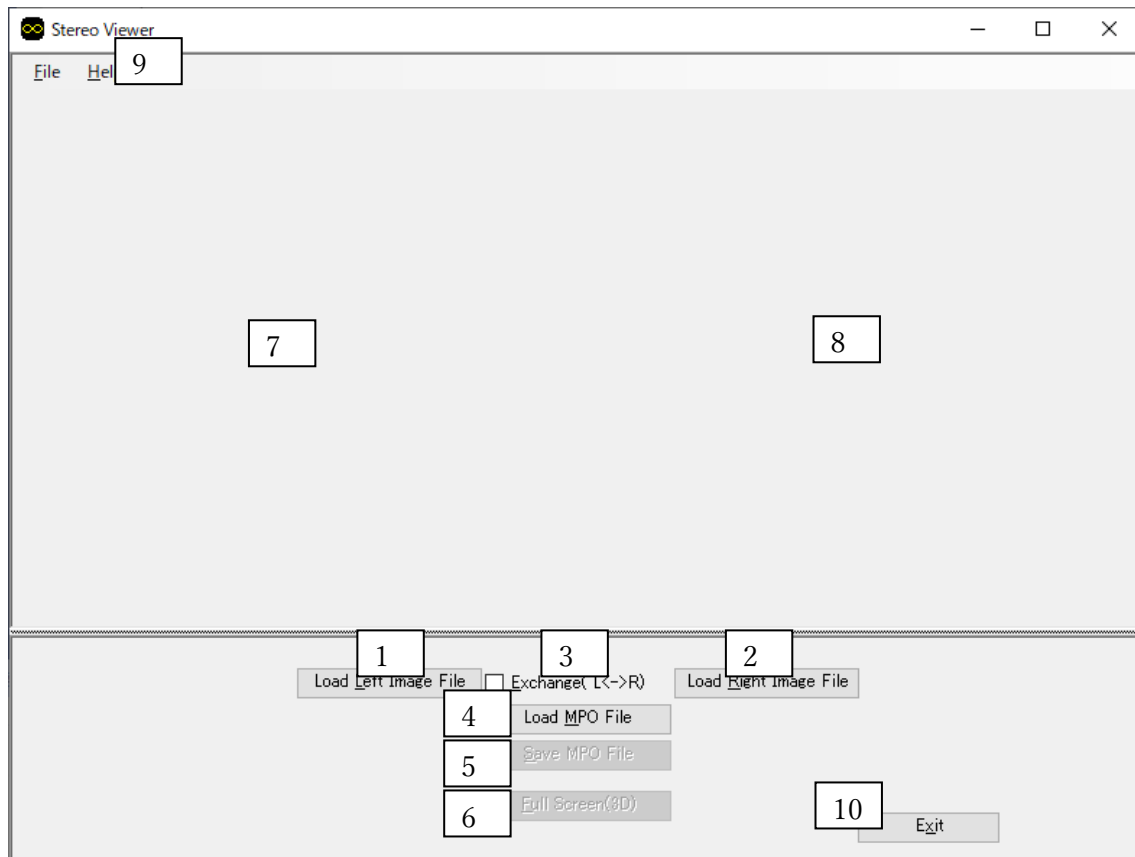
- * Windows10 64bit
- * .Net Framework4.8
- * OpenGL 3.7
- * Graphic device (graphic card) which supports stereo view
- * Monitor which supports stereo view + 3D glasses

This software is confirmed by NVIDIA 3D Vision. As NVIDIA 3D Vision's support is already terminated, there is a case that the device driver for Windows10 must be installed manually.

Installation Method

There isn't installer. Copy the software-folder to any local directory, then execute the software(StereoViewer.exe).

Software Function Description



1. Load Left Image File

The software loads left image file. It is possible to load only JPEG with Exif information. The image will be displayed on Left Image Display Pane(7). Besides, dragging and dropping an image file(JPEG/ MPO) to Left Display Image Pane(7) can be available.

2. Load Right Image File

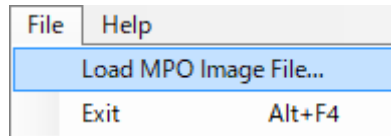
The software loads right image file. It is possible to load only JPEG with Exif information. The image will be displayed on Right Image Display Pane(8). Besides, dragging and dropping an image file(JPEG/ MPO) to Right Image Display Pane(8) can be available.

3. Exchange(L<->R)

When the software loads MOP file, specify exchanging the left image and right image to display. According to the digital camera, it may be needed for exchanging the left and the right. The software takes MPO file pictured by NIKON's digital camera as default (the check box is not checked state).

4. Load MPO File

The software loads MPO file. This can be available from File Menu.



Besides, dragging and dropping an image file can be available. The image will be displayed on Display Pane(8),

5. Save MPO File

Discrete Cosine Transform is based on even function and is the transform that the energy is concentrated on the real axis. The software executes its equal extension. This can reduce the artifact resulting from the band limit, but the execution time becomes a few times longer.

6. Full Screen(3D)

Display the left and right images on full screen by 3D. Stereo view must be supported by the graphic device. After loading MPO file(4), must support stereo view. You can browse MPO files in the folder which has the loaded MPO file by the left and right arrow keys. Moreover, you can exit the full screen mode by "Esc" key.

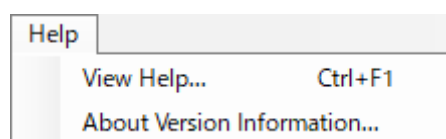
7. Left Image Display Pane

This pane is for displaying the left image. Loading the image file(JPEG/ MPO) can be available by dragging and dropping. It is possible to load only JPEG with Exif information for JPEG.

8. Right Image Display Pane

This pane is for displaying the right image. Loading the image file(JPEG/ MPO) can be available by dragging and dropping. It is possible to load only JPEG with Exif information for JPEG.

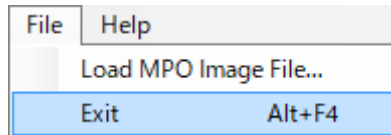
9. Help



View Help	Display Help (this document).
About Version Information	Display Version information.

10. Exit

Exit the software. This can be available from File Menu.



Terms of Service

This software is freeware. AO Quest does not take any responsibility for the damage caused by the software.

Inquiry

Please visit the following URL for the bug or the request.

<https://ao-quest.com/>