



TerraPhoto New Features

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Various Improvements

- **First letter + last number** option added to image numbering choices



New Keyin Commands

- **Set Reference Views** keyin command accepts parameters such as:
Set Reference Views 23
would set all reference rasters to be visible only in views 2 and 2

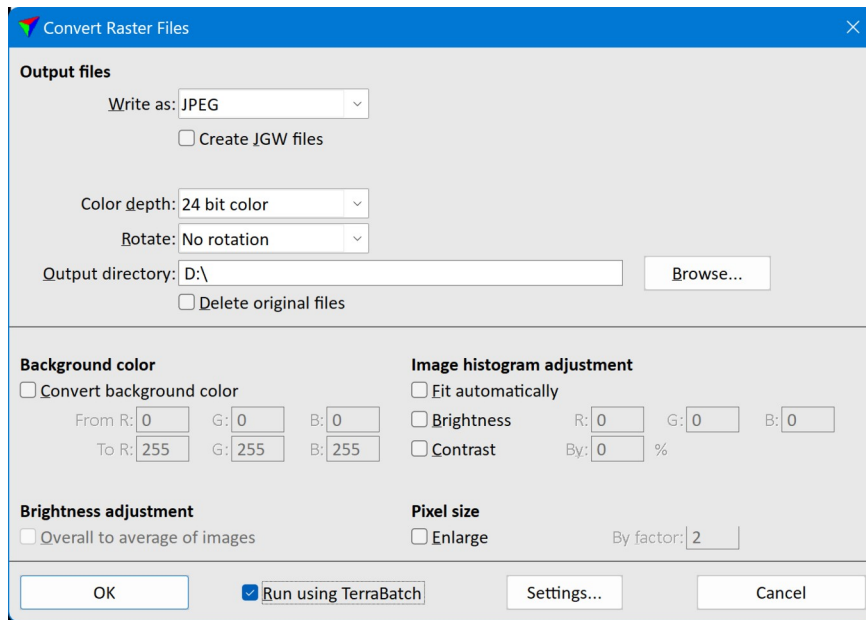
Support for PhaseOne .iiq Format



- TerraPhoto can use PhaseOne raw image format directly as raw images
- Reduces hard disk space needed by a project
- Example 14204 * 10652 resolution images:
 - About 100 MB file size as .iiq (16bit compressed Bayer pattern data)
 - 886MB file size as TIFF (3*16bit, no compression)
- Reading one image takes some time – you may:
 - Create 3*8 bit JPEG rasters for interactive work (35 – 40MB per image)
 - Use .iiq in orthorectification to produce 3*16 bit ortho result

Convert Raster Files & TerraBatch

- **Convert Raster Files** task can be run using TerraBatch and multiple instances
- Makes sense if your images are large and relatively slow to read



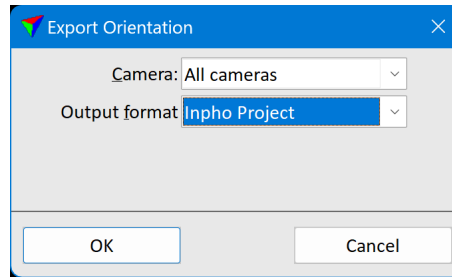
The screenshot shows the 'Convert Raster Files' dialog box with the following settings:

- Output files**
 - Write as: JPEG
 - ☐ Create JGW files
 - Color depth: 24 bit color
 - Rotate: No rotation
 - Output directory: D:\
 - ☐ Delete original files
- Background color**
 - ☐ Convert background color
 - From R: 0 G: 0 B: 0
 - To R: 255 G: 255 B: 255
- Image histogram adjustment**
 - ☐ Fit automatically
 - ☐ Brightness R: 0 G: 0 B: 0
 - ☐ Contrast By: 0 %
- Brightness adjustment**
 - ☐ Overall to average of images
- Pixel size**
 - ☐ Enlarge By factor: 2

At the bottom, there are buttons for 'OK', 'Run using TerraBatch' (which is checked), 'Settings...', and 'Cancel'.

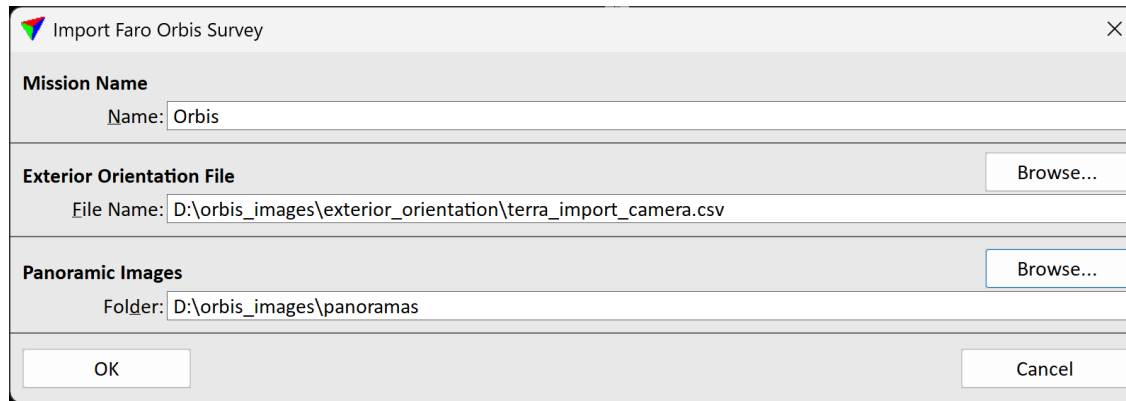
Export Orientation & Inpho Project

- **Utility / Export Orientation** menu command can write an Inpho Project file
- Good for transferring a mission to another photogrammetric software package such as Metashape
- Inpho Project file contains exterior orientation of images and camera calibration info



Import / Faro Orbis Survey

- Menu command for creating mission definition, camera calibration and image list for Faro Orbis panoramic images



The screenshot shows a dialog box titled "Import Faro Orbis Survey" with a close button (X) in the top right corner. The dialog is divided into three main sections, each with a header and a text input field, and a "Browse..." button to the right of the header. The first section is "Mission Name" with the text "Name: Orbis" in the input field. The second section is "Exterior Orientation File" with the text "File Name: D:\orbis_images\exterior_orientation\terra_import_camera.csv" in the input field. The third section is "Panoramic Images" with the text "Folder: D:\orbis_images\panoramas" in the input field. At the bottom of the dialog are two buttons: "OK" on the left and "Cancel" on the right.

Import Faro Orbis Survey	
Mission Name	Name: Orbis
Exterior Orientation File	File Name: D:\orbis_images\exterior_orientation\terra_import_camera.csv Browse...
Panoramic Images	Folder: D:\orbis_images\panoramas Browse...
OK Cancel	