Oriented Imagery Catalog (OIC)
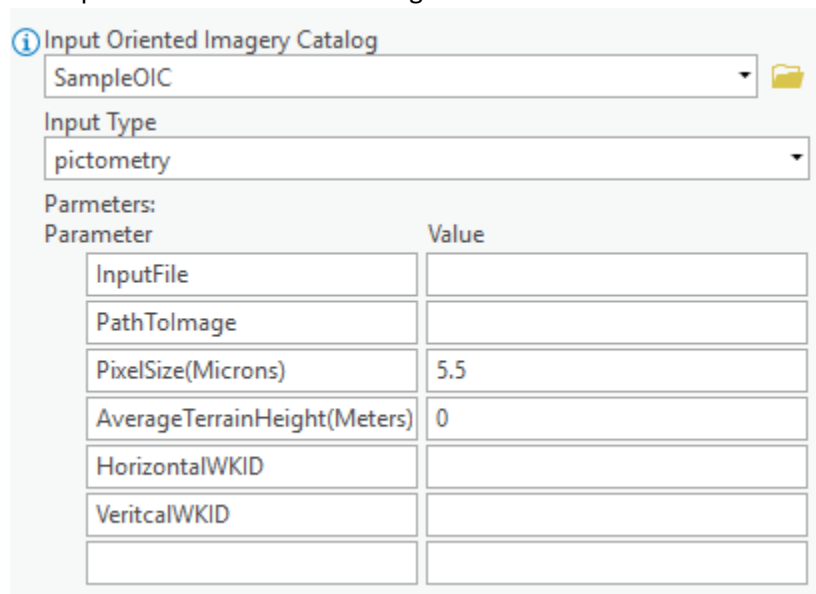**Pictometry OI Type**

Introduction
Pictometry customers who receive a shapefile with their data can use the shapefile as input to an OIC.

Installation and usage
To use this OI type, follow these instructions.
1. Copy the following files to c:\Image_Mgmt_Workflows\OrientedImagery\Types\
    a. pictometry.oictype
    b. pictometry.py
2. Start ArcGIS Pro.
3. Create a new oriented imagery catalog (OIC).
4. In the Add Images to Oriented Imagery Catalog GP tool, select the newly created OIC.
5. For Input type, choose Pictometry.
6. Enter parameters for the following:

- **InputFile**: Location of the shapefile that defines the camera parameters
- **PathToImage:** Location of the input images
- **PixelSize(Microns):** Pixel size of the input imagery in microns
- **AverageTerrainHeight(Meters)**: The average terrain height of the area of interest in meters
- **HorizontalWKID / VerticalWKID**: The WKID of the data (see a table of supported geographic and vertical coordinate systems and their WKIDs)

Steps after Add Data
Once all the data has been added to the OIC, Follow these steps. For detailed info regarding each step refer to the user document in c:\Image_Mgmt_Workflows\OrientedImagery\Documentation.

1. Run **Create Coverage Features**.
2. Run **Create Coverage Map**.

3. Run **Analyze Oriented Imagery Catalog**.
4. Run **Publish Oriented Imagery Catalog**.

Your published OIC is now available in ArcGIS Online to add to a map or application.