



Agisoft PhotoScan Pro by AgiSoft LLC

Agisoft PhotoScan Pro allows to generate **high resolution georeferenced orthophotos** and **exceptionally detailed DEMs / textured polygonal models** . The **fully automated** workflow enables **a non-specialist** to process **thousands of aerial images** on a desktop computer to produce professional class photogrammetric data.

To fulfill the **georeferencing task** the program needs **either GPS coordinates** associated with cameras, provided in an EXIF / plain text file, **or GCP coordinates** that otherwise can be used to achieve higher accuracy (up to 5cm). **Camera calibration data** can be **calculated by the program** (and exported if needed) or **imported** from outer source.

Agisoft PhotoScan Pro supports a range of **input formats** including JPEG, TIFF, PNG. A wide range of **output formats** (GeoTiff, xyz, Google KML, Wavefront OBJ, VRML, COLLADA, PDF) ensures easy import to any GIS system for future photogrammetric analysis.

Agisoft PhotoScan Pro's set of functions:

- ▲ Aerial Triangulation
- ▲ Polygonal Model Generation (plain / textured)
- ▲ Setting Coordinate System
- ▲ Georeferenced Digital Elevation Model (DEM) Generation
- ▲ Georeferenced Orthophoto Generaton