

IGImatch

Photogrammetric Imagery Processing Software

IGImatch automatically creates dense point clouds, DSMs, true orthofotos and 3D meshes from nadir & oblique aerial images and its corresponding precise orientations. Using state of the art dense matching algorithms based on Sure technology from German based company nFrames, *IGImatch* converts image data from all kind of frame cameras into 3D information which can be tiled and exported into different user selectable standard file formats.

IGImatch Highlights

- Automatic Dense Point Cloud and DSM and True Orthophoto Generation
- Automatic 2.5D & 3D Mesh Generation
- Simplified Workflow for *DigiCAM* Camera Series
- Support of Nadir & Oblique Aerial Images for 3D City Modelling
- Smart Point Cloud Filtering
- Multi-ray Point Cloud Triangulation
- Parallelization for Multi Core Processing
- Support for GPU Computing

