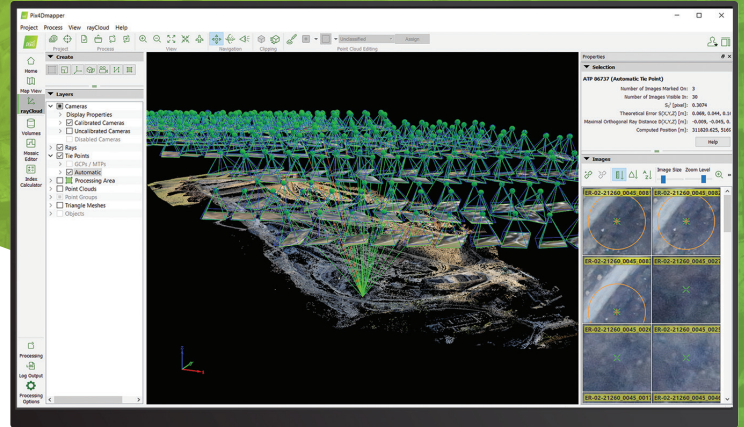




Pix4Dmapper



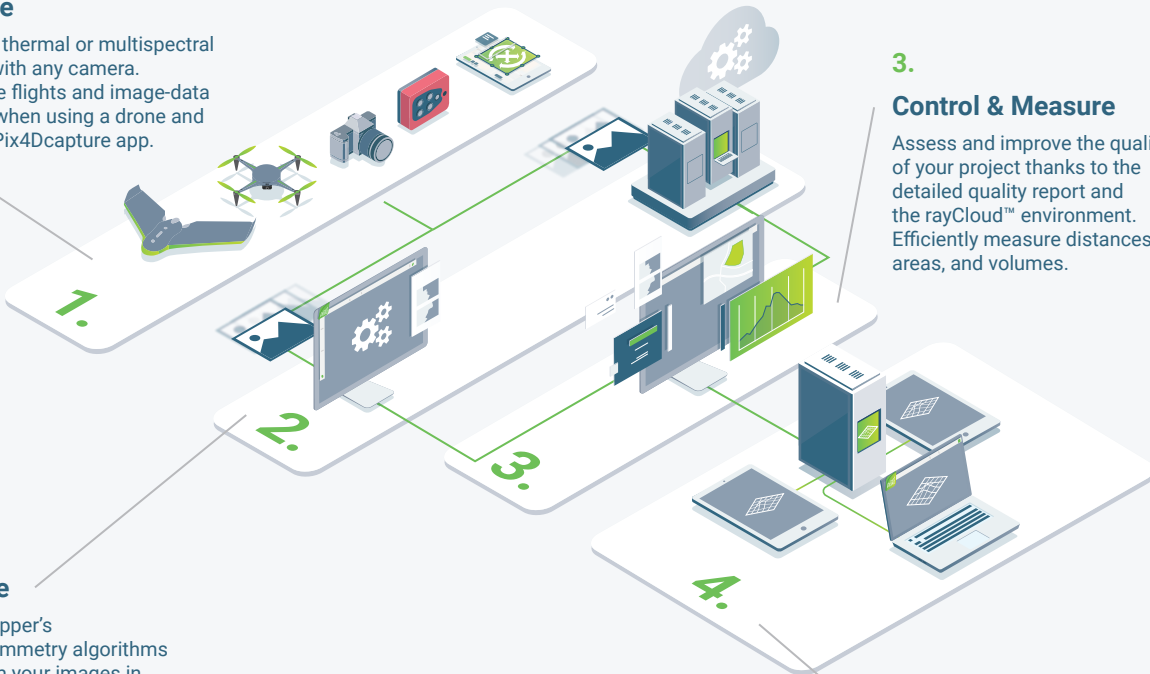
The leading photogrammetry and drone mapping software

Get survey-grade results from images

1.

Capture

Get RGB, thermal or multispectral images with any camera. Automate flights and image-data transfer when using a drone and the free Pix4Dcapture app.



2.

Digitize

Pix4Dmapper's photogrammetry algorithms transform your images in digital maps and 3D models. Seamlessly process your projects on your desktop using our photogrammetry software, or bundle with Pix4Dcloud for online processing.

3.

Control & Measure

Assess and improve the quality of your project thanks to the detailed quality report and the rayCloud™ environment. Efficiently measure distances, areas, and volumes.

4.

Collaborate & share

Selectively and securely share project data and insights with your team, clients and suppliers.



A variety of tools for digitizing reality

- Camera self-calibration
- Automatic point cloud classification
- Merge or split projects
- Detailed quality report
- Error ellipsoid displaying MTP/GCPs accuracy in 3D
- Rolling shutter correction
- Scale and orientation constraint
- Image masking for disregarding invalid pixels among all images
- Object creation and digitization
- Tiled Level-of-Detail (LoD) mesh
- Automatic DTM generation
- Orthoplane for creating orthomosaic of any plane/facade
- Radiometric adjustment to generate accurate index and thermal maps
- Custom indices for raster computation based on reflectance values
- Multi-core CPU processing
- GPU-accelerated processing
- Fly through video

Recommended Hardware Specs



CPU: quad-core or hexa-core Intel i9/Xeon

GPU: compatible with OpenGL 3.2 and 2 GB RAM



RAM: 16GB - 64GB



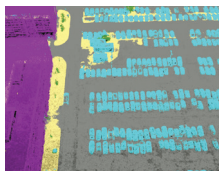
OS: Windows 8, 10 64 bits

Outputs

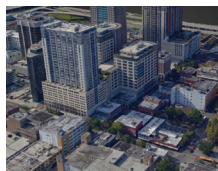
Easily export your maps and models to industry-compatible formats



Full-color point cloud
.las, .laz, .ply, .xyz



Classified point cloud
.las, .laz



3D textured mesh
.ply, .fbx, .dxf, .obj, .pdf
Level-of-detail mesh in .osgb, .snpk



Orthomosaic
GeoTiff (.tif), .kml



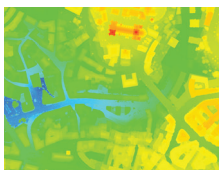
Facade orthomosaic
GeoTiff (.tif)



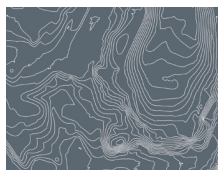
Facade digital surface model
GeoTiff (.tif)



Digital Terrain Model (DTM)/
GeoTiff (.tif)



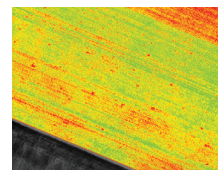
Digital Surface Model (DSM)
GeoTiff (.tif), .xyz, .las, .laz



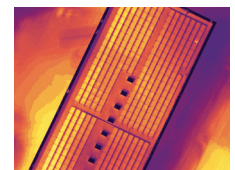
Contour lines
.shp, .dxf, .pdf



Reflectance maps
GeoTiff (.tif)



Index maps
GeoTiff (.tif), .shp



Thermal maps
GeoTiff (.tif)

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