



Next-generation photogrammetry software for fast and accurate terrestrial, corridor and large scale mapping

From thousands of images to 3D spatial data



Bigger datasets, accurate results

PIX4Dmatic processes thousands of images while maintaining survey-grade accuracy, halving the processing time, without the trouble of splitting and merging.



Fully automated processing

Developed in close-collaboration with surveyors and mapping professionals to streamline your workflow: import, process and assess the quality of a project in just a few clicks, and move seamlessly from PIX4Dmatic to PIX4Dsurvey.



Terrestrial workflow

Leverage the benefits of both photogrammetry and LiDAR technology. Process LiDAR and RGB image outputs from PIX4Dcatch for a full terrestrial workflow. Easy and desktop-based.



Essential outputs, without compromising accuracy

in a fraction of the time

Point cloud



Generate a dense point cloud, create a depth point cloud or fuse them according to the needs of your project and create the best reconstruction possible.

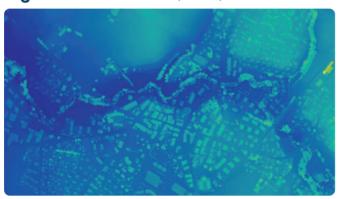
Orthomosaic



Create orthomosaics that are geometrically corrected such that the scale is uniform. They are color balanced in order to be visually pleasing.

Export formats: GeoTIFF (.tiff)

Digital surface model (DSM)



Generate a digital representation of all objects in the mapped area. It includes natural features as well as elevated objects, like buildings.

Mesh

Export

Export

formats:

GeoTIFF (.tiff)

las

formats:



Create and extract a 3D textured mesh by defining the texture size and decimation criteria.

Export formats: .obj





available for Windows & macOS

"The navigation and speed of both processing and display are revolutionary for the large projects we are working on."

Jason Hagon GeoDrone Survey (UK)

Try for free at pix4d.com/matic