



Pix4Dmatic



Next generation photogrammetry software for large scale and corridor 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.



Future-proofed for BVLOS

Pix4Dmatic is ready to support the large datasets generated by BVLOS* (beyond visual line of sight) drone flights.

*Where legally permitted



Essential outputs, without compromising accuracy

in a fraction of the time

Dense point cloud



Generate dense point clouds for large areas. Pix4D's proprietary .bpc file format is optimized for loading and manipulation of big point clouds.

Export formats:
.las, .bpc

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.

Export formats:
GeoTIFF (.tiff)

Compatible with Pix4Dsurvey



Seamless export of processed projects into Pix4Dsurvey to transform point clouds into actionable CAD-ready data.

Export formats:
.p4m

"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