PIX4Dcloud Advanced

FEATURE LIST

	Features		Advantages
INPUTS	Aerial (nadir & oblique) and terrestrial imagery	☁	Process images taken from any angle from any aerial or terrestrial, manned or unmanned platform
	Any camera (compact, SLR, multispectral, GoPro) in .jpg or .tiff)	☁	Use images acquired with any camera, from small to large frames, from consumer-grade to highly specialized cameras
	Multi-camera support for the same project	☁	Create a project using images from different cameras and process them together
FEATURES	Timeline	☁	Display and archive all datasets that belong to the same project
	Overlay tool	☁	Overlay design maps and plans to the orthomosaic and compare as-built vs as-designed to spot errors and track progress. Supported file formats: .dxf, .pdf, .png, .jpg
	2D/3D Comparison tool	☁	Compare different days side-by-side using split or double screen in both 2D and 3D view
	AutoGCPs	☁	Automatic marking of Ground Control Points (GCPs) targets to improve the absolute accuracy of projects
	Template selection	☁	Optimize processing and generation of outputs by using different processing templates depending on the required outputs
	Output coordinate system selection	☁	Process projects in coordinate system by choice to guarantee optimal workflows
	Distance and area measurements	☁	Measure distances and areas for accurate planning. Save as annotations to make the measurements permanent
	Volume measurements	☁	Measure volumes based on the DSM for accurate site surveys
	Volume comparison	☁	Compare volume changes over time based on the DSM
	Elevation profile	☁	Generate elevation profiles based on the DSM. The elevation information of each point is displayed
	Annotations	☁	Adding different type of annotations (markers, inspections, lines, areas, circles or polygons) helps convey more valuable and actionable information. Annotations can be exported in different file formats such as: .csv, .GeoJSON, Shapefiles
	Virtual Inspector	☁	Virtually inspect any area of interest on the 3D model and on all the original images used for the reconstruction. Zoom in specific images, pin and comment the images with detailed information or actions to take. Save inspections as annotations
	Multispectral processing and NDVI display	☁	Generate NDVI maps automatically to better analyse your multispectral dataset. The histogram of the index is displayed by default
	Share	☁	Improve collaboration and reporting by sharing annotations, measurements, elevation profiles, volumes, and projects with team and stakeholders
	Import existing results	☁	Import orthomosaics and DSM in .geotiff, point cloud in .las and .laz, and 3D mesh in .obj file formats
	Import BIM models	☁	Import IFC file formats and visualize them in 3D
	Annotations Report	☁	Generate a comprehensive PDF report containing all your annotations (measurements, points, volumes and inspections) for easy sharing and documentation. The report can be generated in any of the supported software languages.
OUTPUTS	2D output results:	☁	Nadir orthomosaics in GeoTiff output format
		☁	2D vector in .geojson, .csv and .shp output format
	2.5D output results:	☁	DSM or DEM in GeoTiff output format
	3D output results:	☁	3D point cloud in .las output format
		☁	3D textured mesh in .fbx and .obj output format
	PDF output results:	☁	GCPs report in .pdf format
		☁	Quality report in .pdf format
		☁	Annotations report in .pdf format
3RD PARTY INTEGRATIONS	Trimble Connect	☁	Export files of your choice to the Trimble Connect platform
SUPPORT	Personal email	☁	License holders can contact support by email
	Community	☁	Everyone can write on the Community
MULTILINGUAL	Available languages	☁	English, Spanish, Italian, Japanese, Korean, French, Portuguese (Brazil), Thai, German

PIX4D

Get in touch:
pix4d.com/cloud