PIX4Dcloud

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	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
	Map view dashboard	☁	Display the geographic location of the datasets
	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
	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 imported and exported in different file formats such as: .csv, .GeoJSON, Shapefiles, .dxf
	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
	Pix4D Autotags	☁	Automatic GCPs and tie points detection with Pix4D Autotags. Exclusively available for projects uploaded from PIX4Dcatch
	Import existing results	☁	Import orthomosaic and DSM in .geotiff, point cloud in .las and .laz, and 3D mesh in .obj file formats
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 .laz output format
		☁	3D textured mesh in .fbx and .obj output format
		☁	3D Gaussian Splat in .ply output format. Exclusively available for projects uploaded from PIX4Dcatch
		☁	Quality report in .pdf format
3RD PARTY INTEGRATION	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