



		Features	Advantages	
CAPTURE	GENERAL	CAPTURE SCREEN	Automatically capture images and save them with their precise geolocations	Start capturing immediately—no deep photogrammetry skills required—simply press the capture button and walk around your area of interest. PIX4Dcatch will automatically record the images and generate a point cloud once the capture is saved. The live preview and dynamic live mesh offer guidance, helping you ensure comprehensive and accurate capture. Customize your experience with advanced settings for optimal results.
			Pause and resume capture	
			Save or abort capture	
			Live preview during the capture	
			Display mesh during the capture	
			Quality report at the end of the capture	
	SETTINGS	VIEW	Display image overlap while capturing	
			Display camera views	
			Display feature points	
	MESH	Display reconstruction mesh		
		Save mesh (OBJ format)		
		Change the mesh type and color		
		Change mesh and camera objects color		
		OTHER	Save video	
	PROJECTS	PROJECTS DASHBOARD	List of projects	
Filter project by status				
Search projects				
Select and delete multiple projects				
Refresh the project panel by dragging down				
3D VIEW		Display a 3D view of the captured point cloud		
		Enable different tags for RTK, GPS, GCPs or MTPs		
		RTK accuracy per image classified into three levels: •Optimal , •Reduced , or •Low		
PROJECT VIEW		IMAGES	Customize your view by toggling RTK accuracy, cameras, point clouds, meshes, and 3D model centering	
			Compute the texture	
		DETAILS	Show a 3D view of the processed point cloud from PIX4Dcloud	
			List of images	
			Select and delete multiple images	
		OPTION	Date of creation	
			Image coordinate reference system	
			Number of images	
			RTK accuracy confidence percentage	
			Horizontal and vertical average accuracy	
MANUAL GCP MARKING	Used storage			
	Rename projects			
	Delete projects			
MANUAL GCP MARKING	Select a point collection			
	Add marks on images			
	Save the marks			

TOOLS	POINT MANAGEMENT		Create a point collection with a defined CRS (planimetry and altimetry)	Capture and measure points for use as GCPs to anchor your project or simply as points of interest
			Create a site localization coordinate reference system	
			Import points with a defined CRS (planimetry and altimetry)	
			View points on a map	
			Rename points	
	MEASURE POINT		Enter the antenna height when using a GNSS pole	
			Add a reference photo (optional)	
			Add a description (optional)	
			Change the measurement duration	
		TAG DETECTION		
	Import a point collection and use GCPs for the project with the auto tag detection workflow			
AR POINTS	AR SETTINGS		Display points in augmented reality with an RTK device connected	Easily find GCPs with AR points or use it to follow a line while capturing (underground utilities, image path, etc)
			Turn on or off the lines displayed between the points	
			Turn on or off the point labels	
PIX4DCLOUD AR	PIX4DCLOUD PROJECT LIST		List of PIX4Dcloud projects	Augmented Reality (AR) enables post-capture project visualization, ideal for trench inspections, plan-to-as-built comparisons, and thorough documentation of your projects
			Filter project by type [sites or datasets]	
			Order project by name or by date	
			Search projects	
	AR DISPLAY		Adjust the opacity of the AR project with the slider	
		Display PIX4Dcloud layers and see their properties		
RTK CONNECTION			RTK accuracy indicator (if not connected to RTK, GPS strength indicator is displayed)	Use the RTK devices of your choice and get RTK corrections to ensure an accurate and geolocated dataset
			Connection to an RTK device compatible with PIX4Dcatch (viDoc, Emlid Reach RX, Trimble Catalyst DA2)	
			Easy camera offsets setting when using a case, either SPC or SPC+, and using correct rover handle	
			Manual camera offsets	
			Enter of the NTRIP credentials	
			Selection of the mountpoint	
			Selection of the NTRIP input coordinate reference system	
EXPORT	PROJECT		Export all data (ZIP file)	Export all your data to be able to processed them on PIX4Dmatic or export only individual outputs.
			Export points and marks for GCPs	
			Export captured point cloud (PLY file)	
			Export captured mesh (OBJ file)	
	POINT		Export logs	Export your measured points and save them on your desktop or upload to the cloud, export and save your site localization WKT file to be able to process any dataset with a custom coordinate system on with PIX4Dmatic
			Export measured point (ZIP file)	
			Export site localization coordinate system (WKT file)	
UPLOAD TO PIX4DCLOUD	GENERAL		Upload one or several projects	Easy, fast and accurate: upload the PIX4Dcatch dataset to PIX4Dcloud and view your project after processed. Customize your processing settings for specific needs and deliverables
			Upload project to an organisation	
			Upload project to an already existing site or create a new one	
	PROCESSING OPTIONS		Compute a DSM model of the area	
			Compute an orthophoto of the area	
			Process with GCPs and/or MTPs	
		Select the output coordinate reference system (projected or a site localization)		