PIX4Dreact 1.5.1

FEATURE LIST

	Features	Advantages
INPUTS	RGB images	Import nadir images from standard RGB sensors in JPEG format
	Pre-processed maps	Import orthomosaics already processed in other Pix4D products (import as geoTIFF)
	Markers	Create or import markers (point, line, polygon) and overlay them in your project (import as GeoJSON, KML or Shapefile)
TOOLS AND FUNCTIONS	Easy to use interface	An easy to use and intuitive interface, developed with public safety and humanitarian aid professionals
	Lightweight and robust	Lightweight to work on a mid-range computer in the field without requiring an internet connection or the cloud for processing
	Fast mapping	Generate high-resolution 2D maps from aerial images in minutes, offline and locally processed
	GPU enhanced fast mapping	Improve processing speeds significantly when suitable GPU is available compared to standard CPU
	US National Grid	US National Grid map overlay with the ability to jump to a specific cell by either USNG code or GPS coordinates
	Marker tool	Place point, line, and area markers in different colors to identify and export points of interest
	Measurement tool	Quickly measure distances and areas for accurate tactical and mission planning. Save as markers when needed to make the measurements permanent
	Comparison tool	Compare different maps side-by-side using split or double screen
	PDF report generator	Share your maps with all project stakeholders for seamless collaboration using the PDF report export tool
	Export tool	Export projects or individual layers with adjustable control for image size and format to your computer for further use
	Share to PIX4Dcloud	Upload PIX4Dreact outputs (orthomosaic, surface model) directly to PIX4Dcloud for sharing
OUTPUTS	Orthomosaic	An intuitive representation of the situation on the ground for smoother collaboration or long-term documentation
	Digital surface model	See elevation data to help with movement of personnel on the ground and estimate flooding prone areas (export as geoTIFF)
	Markers and measurements	Adding markers to areas of interest helps convey more valuable and actionable information (export as GeoJSON, KML or Shapefile)
	PDF report	An easy to share aggregated project report which can be customized with a logo and contact details (export as PDF)
	Snapshot	A quick snapshot of the current map view which can include annotations (export as JPEG or PNG)
LANGUAGE	Language options	English, Chinese, French, German, Italian, Japanese, Korean, Spanish, Portuguese, Russian, Ukrainian

HARDWARE SPECS

CPU: Quad-core or hexa-core Intel i5 (or faster)

GPU: Integrated or dedicated GPU 2 GB RAM (GeForce GTX GPU 6GB RAM recommended)

HD: SSD recommended

OS: Windows 10 macOS Catalina (10.15) or above

RAM: 8 GB RAM (or more)