

THE ULTIMATE AEC HARDWARE BUNDLE

Pix4D's software solution for processing, vectorizing, and sharing.



viDoc is an RTK device that connects to select mobile devices. When paired with PIX4Dcatch via Bluetooth, it brings centimeter accuracy to terrestrial 3D scans captured with mobile devices. It can also be used for single point measurement.



PIX4Dmatic optimizes fast processing for terrestrial workflows with data collected with the viDoc RTK rover, drones, or mobile devices (including iOS LiDAR). Combine terrestrial data with aerial data to get a complete picture of a site.



Import point clouds into PIX4Dsurvey for fast ground extraction, creation of breaklines, and TIN surfaces. Analyze and measure all elements of your site from terrain and street-level facilities to buildings. Get 3D exports for CAD or GIS.



Share your projects and track site progress online with PIX4Dcloud Advanced, and easily process images from the free PIX4Dcatch mobile app.







Top 3 reasons to use the Pix4D RTK workflow



RTK accuracy merges handheld scanning with UAS data



Accurate as-built information



Collect GCPs and single point measurements for a fraction of the cost of a GNSS survey

Industry Applications

Construction/Utilities

- Fast and accurate as-builts don't wait for a survey crew
- Easy to use with minimal training
- · Measure stockpiles and get near real-time volumes

Surveying/Engineering

- · Fast access to data for remote construction inspection
- Safer 3D scans and as-built data no climbing piles or entering pits to collect data
- Supports all coordinate systems, including local, for importing ground control points (GCPs)

Public Safety

- 3D Accident Reconstruction
- Secure chain of custody for data
- Compact scanning system for small areas

PIX4D**matic**



- 2. Speed and scalability:
 - Fast processing,
 - Reliable processing and smooth UI for small or large projects,
 - · Handles multiple projects,
 - Do more with the same hardware: process the same datasets faster, or run larger projects with releases every three weeks.
- 3. Geoids support for effective and accurate RTK and PPK workflows.
- 4. 3D meshes with accurate geometry and realistic texture.



- 50% faster manual vectorization improve vectorization directly in the point cloud or on images for more accuracy or adjust to known XYZ values without losing accuracy
- 2. Save time with automation Automatic or semi-automatic manhole and drain detection, stockpile boundary delineation, and road paint extraction.
- 3. Extract key data draw elevation profiles and view sections, and generate TINs from individual or multiple grids, terrain layers, or grid files and terrain layers.