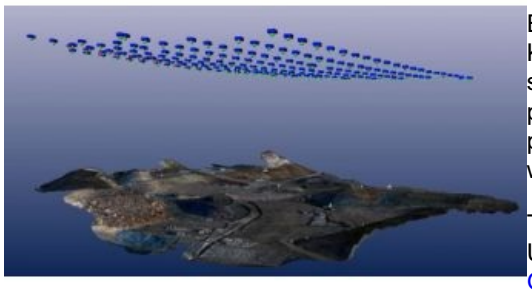
Integrated and Bundled Survey Solution for UAVs



Eos Systems, the developer of PhotoModeler, and Klau Geomatics, the developer of the KG PPK system, are launching an integrated and bundled system for high-accuracy survey for unmanned aerial vehicles (UAVs) while using minimal or no ground control points. The Klau Geomatics PPK System provides precise camera positions for aerial photography. Coupled with PhotoModeler's photogrammetry software, this is a solution with a great level of accuracy and reliability for survey-grade mapping applications.

The Klau Geomatics PPK is a lightweight plug and play box that can be installed on any UAV by end users or as an OEM product for manufacturers. Rob Klau, CEO at Klau Geomatics, stated that the deep academic and practical industry experience in photogrammetry and aerial systems integration at Klau Geomatics, and the best-in-class GNSS technology they use, distinguishes their product in the market.

Integrating PPK into a photogrammetry program provides a strong platform for obtaining very accurate drone-based surveys with minimal or no ground control input, greatly reducing the time and cost for accessing a site to place GCPs. This integrated product simplifies the workflow from the field data (UAV photos, drone PPK data & base station data) to a survey-grade 3D surface model or ortho-mosaic. The powerful algorithms in PhotoModeler complement and cross-check the PPK data for a high-quality result.

PhotoModeler is one of the longest standing desktop photogrammetry solutions on the market - with the first public release 23 years ago in 1993. The latest offering, PhotoModeler UAS, brings deep understanding of algorithms and real customer needs to the UAV audience. Combining this depth of experience with the Klau Geomatics PPK solution, being the highest quality independent PPK system on the market, will bring a very useful and powerful solution to the UAS marketplace, said Alan Walford, CEO and founder of Eos Systems. He expects great things of this powerful integration for use by UAV customers with real-world survey applications, he added.