


 APX-15 bundled

UASMaster INPHO SOFTWARE

FLY EFFICIENTLY WITH THE APX-15 & MAP EFFICIENTLY WITH UASMASTER

APX-15 bundled with UASMaster is the right solution for precise surveying and mapping applications. UASMaster combines the power of Direct Georeferencing (DG) with a comprehensive photogrammetric workstation specifically tailored for UAS applications. Ease of use of UASMaster allows automatic map product generation at the touch of a button.

What's New?

- ▶ UASMaster now supports Directly Georeferenced data collected using the APX-15 UAV
- ▶ Entry-level Lite version with full DG support is also available
- ▶ UASMaster can now be used to perform airborne geometric camera calibration, quality assurance and control as well as boresight parameter estimation
- ▶ UASMaster now supports assigning Exterior Orientation RMS and using the appropriate EO weighting during the bundle adjustment process
- ▶ Capable of refining select or all a priori camera Interior Orientation parameters OR keeping camera I/O fixed during the bundle adjustment process

PHOTOGRAMMETRY-GRADE PROCESSING FROM DG EQUIPPED REMOTELY PILOTED AIRCRAFT SYSTEMS (RPAS)/UNMANNED AIRCRAFT SYSTEMS (UAS)

The software package bridges the gap between simple near black-box workflows for non-photogrammetrists and photogrammetry expert workflows. UASMaster includes advanced technology that has been customized to provide high quality results from DG data collected from RPAS/UAS platforms.

YOUR BENEFITS

- ▶ Accurate and reliable results in just a few seconds per image with maximum automation
- ▶ DG data from the APX-15 allows extraction of fewer tie points thereby speeding up the photogrammetric process
- ▶ Minimal user interaction for project set-up and data post processing
- ▶ Ease of use combined with photogrammetric expert tools

Key Features

- ▶ A complete DG value chain captured in a single bundle
- ▶ Quick black-box or multi-step processing with quality and performance optimized parameter presets specifically fine tuned for DG processing
- ▶ Multi-camera support (cameras up to 102 MP)
- ▶ Excellent results without requiring specialized photogrammetry knowledge or experience

UASMaster is now available bundled with APX-15 UAV through Applanix sales channels. For more information, go to: <https://www.applanix.com/products/dms-uavs.htm>

More recent and technical information on UASMaster can be found on: <https://geospatial.trimble.com/products-and-solutions/trimble-inpho-uasmaster>



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