



OPK Software Features

Software suite for high production of large format aerial photogrammetric products.

OPK is stand alone or remote modular solution for automatic aerial triangulation, warp, balancing/seam lines and ortomosaicing.

OPKBundle ★

Automatic aerial triangulation

- No limits to import and elaborate images
- Multichannel images handling: RGB + IR
- "Tie Points" automatic research
- "Tie Points" real time visualization
- Assisted "GCP" monoscopic collimation
- Assisted "Check Points" monoscopic collimation
- Automatic "Bundle" generation
- Automatic Report generation
- Email end of process notification
- Data visualization on/off
- Advanced report management of displayed results

OPKWarp ★

Orthophoto projection

- No limits to import and elaborate images
- Multichannel images handling: RGB + IR
- Visible (RGB) automatic orthophoto generation
- Infrared (IR) automatic orthophoto generation
- Real-time visualization of generated orthophoto
- Automatic data saving
- Automatic text report generation
- Email end of process notification

OPKBlend

Radiometric balancing, seamlines, orthomosaic and tiles

- No limits to import and elaborate orthophoto
- Parallelized seamlines editing (on different clients)
- Automatic data saving
- LAN share-management projects
- Tile import
- Limits import
- Orthophoto, Tile and Limits visualization on/off
- Custom orthophoto color balancing strategy
- IR radiometric balancing
- Color balancing preview
- Automatic seamlines generation
- Multichannel images handling: RGB + IR
- Multi-channel orthophoto handling: RGB + IR
- Real-time visualization generated seamlines
- "Detour" and "Bypass" seamline editing methods
- Single-DataSet or multi-DataSet elaboration
- Automatic generation of "Map of deviation"
- Automatic report generation
- Shortcut and/or command-line
- Balancing with Color Propagation, Template on Standard/Custom reference dataset

OPKMakeUp

Quality check and final touch up

- Import georeferenced Tiff images
- Multichannel images handling: RGB+IR
- Automatic images backup
- Seamlines import
- Orthomosaic-seamlines overlap visualization
- Selectable image editor
- Seamlines visualization on/off
- Correction visualization on/off
- Select tile size for editing
- RGB / IR image export

(★) = Photogrammetric workflow even with **satellite** images (GeoEye, WorldView, Ikonos)

A temporary evaluation license is available to test OPK modules with your datasets.

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