CoPre SPECIFICATIONS

System Recommendations

Operating system	Microsoft Windows 7, 8, 10 (64-bit)
Install package size	Less than 2 GB
File system	NTFS

Hardware

Processor	Intel® Core™ i7 (Minimum) Intel® Core™ i9 (Recommended)
RAM	8 GB (Minimum) 32 GB or more 64 bit OS (Recommended)
Hard disk	500 GB SSD Drive (Minimum) 1 TB SSD Drive (Recommended)
Large project disk option	RAID 5, 6, or 10 w/ SATA or SAS drives
Graphics card	Nvidia GeForce 2 GB (Minimum) Nvidia GeForce 6 GB+ (Recommended)
Display	1024 × 768 (Minimum) 1920 × 1280 (Recommended)
Input	Keyboard, mouse with wheel

Software License

License type	Permanent SW registration code Time limited SW registration code USB dongle driver (optional)
SW upgrade	Online version chech Manual install package

Supported Language

English
Russian
Chinese

CoPre specifications

Standard license	Airborne POS processing: one-button PPK process to combine GNSS & IMU data, generate flight trajectory finally. DOM: generate high-quality digital orthophoto map based on aerial triangulation and GCP mark result. Wizard: six steps to finish point cloud data processing, picture georeferencing, point cloud colorization, quick DOM and quick 3D model. Adjust: solve the layering problem of multiple point clouds, improve relative data accuracy. Refine: based on control point characteristics, supports elevation, horizontal, 3D refines, and time / distance refine functions, improve absolute data accuracy. Data quality check: With the multi-node data quality check function, the accuracy of the results can be known in advance. Point cloud view: support massive point cloud viewing, rendering, slice and control point selection option. Point cloud colorization: color by height, RGB, intensity, return numbers, single color. Slicing: automatically slice on the trajectory and check the stratification.
Vehicle POS license	In adition to Standard CoPre module. POS processing: trajectory processing of vehicle-mounted setup. Repair POS jump: POS jump function can detect and repair area where POS accuracy was decreased.
Model creation license	Support point cloud and image fusion modeling.

* Specifications are subject to change without notice.