



**PRECISE SYSTEMS Ltd.**  
Supplier & Service Provider Rugged PDAs, GNSS, INS, OEM & Sensors

www.css.co.il | 03-5400137

	<b>SURVEY</b> (Required)	<b>CONSTRUCTION</b> (Additional)	<b>MINING</b> (Additional)	<b>EDUCATIONAL</b> (Server version)
LiDAR data importing	STONEX X300	STONEX X300	STONEX X300	ANY
Automatic point cloud coloring (X300 internal digital cameras)	•	•	•	•
STONEX Reconstructor project creation	•	•	•	•
Extraction of high resolution images from internal camera	•	•	•	•
Total Station and GPS data import	•	•	•	•
Polyline/trajectory/ DXF and IFC (Revit) importing	•	•	•	•
Point clouds importing and exporting	•	•	•	•
Point cloud filtering and editing	•	•	•	•
Cloud to cloud best fitting alignment and geo-referencing	•	•	•	•
Bundle adjustment	•	•	•	•
3D Point sample in point clouds overlap	•	•	•	•
Meshing type 1: Uniform and multi-resolution mesh	•	•	•	•
Meshing type 2: Delaunay mesh for building façade		•	•	•
Meshing type 3: Topographic mesh – DTM creation			•	•
Meshing type 4: 3D mesh for closed objects		•	•	•
Mesh editing and simplification	•	•	•	•
Crest & Toe automatic detection for Mining			•	•
Cross sections	•	•	•	•
Tunnelling tools (cross section)			•	•
Point cloud color editing		•		•
Orthophoto, Cylindrical and Spherical image extraction	•	•	•	•
Virtual Scan and points clustering tools	•	•	•	•
Area Calculation	•	•	•	•
Volumes Calculation		•	•	•
Cut and fill volumes calculation			•	•
Verification tool for planarity and changes detection maps		•	•	•
Mesh border edge detection		•	•	•
Distances and annotations	•	•	•	•
Hyperlink to external file	•	•	•	•
Export to CAD	•	•	•	•
3D Model Fly-through video	•	•	•	•
UAV GeoTIFF mapping			•	•
LineUp® - Point clouds importing and filtering	•	•	•	•
LineUp® - Automatic target detection and geo-referencing	•	•	•	•
LineUp® - Scans alignment per groups	•	•	•	•
LineUp® - Cloud to cloud best fitting alignment	•	•	•	•
LineUp® - Bundle adjustment alignment	•	•	•	•
<b>LineUp® PRO</b> - Automatic target-free alignment	Add-on	Add-on	Add-on	•
Any external camera calibration and HR texture mapping				•
Internal camera calibration tools				•
Spherical images calibration				•
USB DONGLE for license	Option	Option	Option	1 unit

**IMPORTANT NOTES:** 1. Construction and Mining modules are based on Survey module, therefore Survey is required.  
2. Educational version is strictly reserved for universities and educational purposes; it is NOT intended for professional use.