

IntelLAS™ - Mobile LiDAR System

The IntelLAS™ (Integrated Laser Acquisition System) mobile mapping system represents the very latest in dynamic geospatial data collection technology. The system comes fully calibrated and ready to operate, complete with its own 3D data acquisition and visualisation software.

APPLICATIONS

The system is ideally suited to any number of applications including; highway planning, bridge, height and width, asset management, railroad surveys, corridor mapping, power line surveys, pipeline surveys, volumes and much more.

BENEFITS

The compact form factor and light weight of the IntelLAS™ allows the system to be fitted to almost any type of vehicle, vessel or mobile platform in a matter of minutes.

The system has been designed to be simple to mobilize and easy to operate without the need for specialized training or qualifications. Being able to rapidly acquire accurate geospatial data in real time, without the need for post processing, not only offers a number of cost and efficiency benefits to existing operations, it also helps create new business and market opportunities.

FULLY CALIBRATED

The IntelLAS™ is delivered as a fully calibrated ready to go mobile mapping system, complete with PC and software. The system requires no user calibration or configuration and can be mounted on any type of mobile platform and be ready to acquire accurate 3D Geospatial data within minutes.

Onsite training is included with every system together with 12 months 24/7 telephone and remote internet support.



MODEL OPTIONS

The IntelLAS™ can be provided in any of the following models. At any time can a model be changed to a different one with the exchange of the laser unit. A factory re-calibration will be required.

IntelLAS™ HD

- 700,000 Points Per Second
- ± 1 cm Accuracy
- 100 m Range
- Integrated GNSS, IMU, FOG
- Requires No Calibration
- Works at Highway Speeds
- Real Time Geospatial Data
- Optional Data Acquisition Software



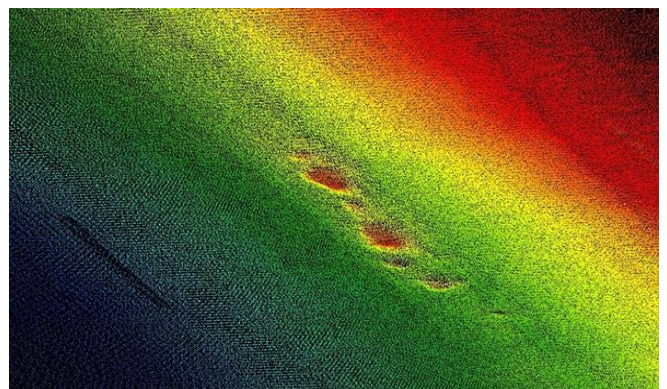
IntelLAS™

- 300,000 Points Per Second
- ± 3 cm Accuracy
- 100 m Range
- Integrated GNSS, IMU, FOG
- Requires No Calibration
- Works at Highway Speeds
- Real Time Geospatial Data
- Optional Data Acquisition Software



IntelLAS™ LR

- 36,000 Points Per Second
- ± 1 cm Accuracy
- 250 m Range
- Integrated GNSS, IMU, FOG
- Requires No Calibration
- Real Time Geospatial Data
- Optional Data Acquisition Software



For more specific information or to arrange a system demonstration, please call +1 281 665 3954 or e-mail us at info@ilinks.us