

iAIRSURV-LS1000

Advanced Airborne 3D Laser Scanning System

iAIRSURV-LS1000 is a complete “buy & fly” airborne laser scanning system solution, containing:

- airborne laser scanner (Riegl, Leica, ...)
- high accurate inertial measurement system of type iNAT-RQT with integrated GNSS receiver (GPS / GLONASS, GALILEO, BEIDOU) [class 0.002 deg/hr, 0.002 deg/sqrt(hr)]
- high resolution camera system synchronized to the laser scanning system
- high reliable data storing system
- powerful post-processing software iPosCal, 2 cm / 0.0015 deg performance
- iXCOM-CMD software for easy usage with automatic antenna calibration support wizard
- online flight guidance system for the pilot and for the operator with optional head-up display (“tunnel in the sky”)
- mounting material for EC135 helicopter

buy & fly!

iAIRSURV-LS1000 can be installed on an EC135 helicopter in less than 1 hour.

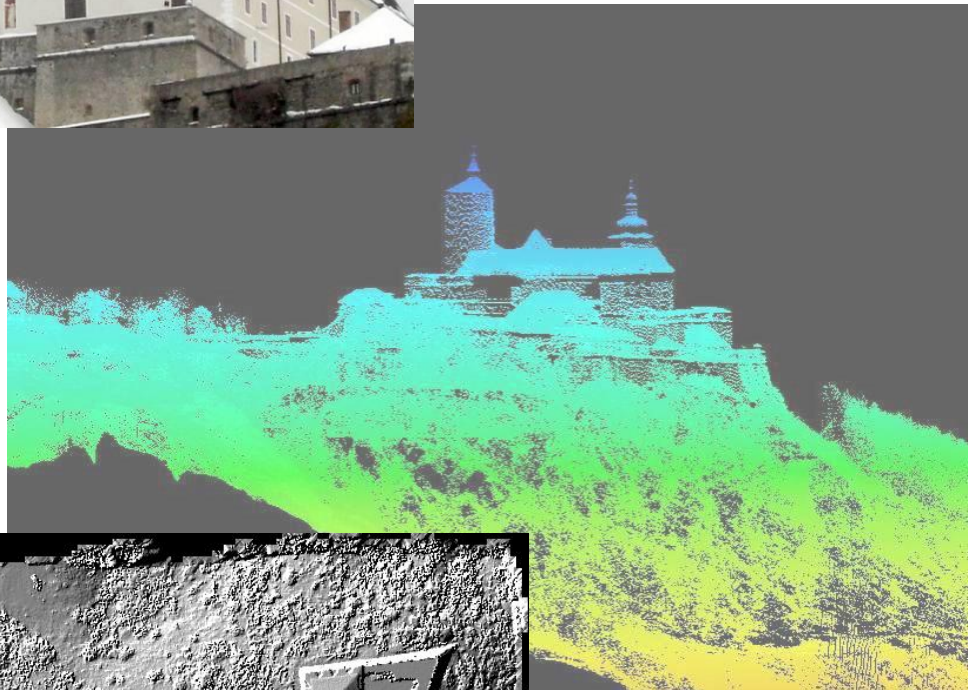
The open system architecture allows easy integration of other sensors on customer request.

The advanced approach for mission planning and flight guidance enhances both safety of flight and productivity.

iMAR provides support in the field of airborne laser scanning from data acquisition to data processing and analysis.

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Example:
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