

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 or Leica)
- high accurate inertial measurement system of type iNAV-RQH, aided with a GNSS receiver (GPS / GLONASS) [class 0.002 deg/hr, 0.002 deg/sqrt(hr)]
- high resolution camera system synchronised to the laser scanning system
- high reliable data storing system
- powerful post-processing software, 2 cm / 0.0015 deg performance
- light-weight multi-functional operator's desk
- online flight guidance system for the pilot and for the operator with 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.

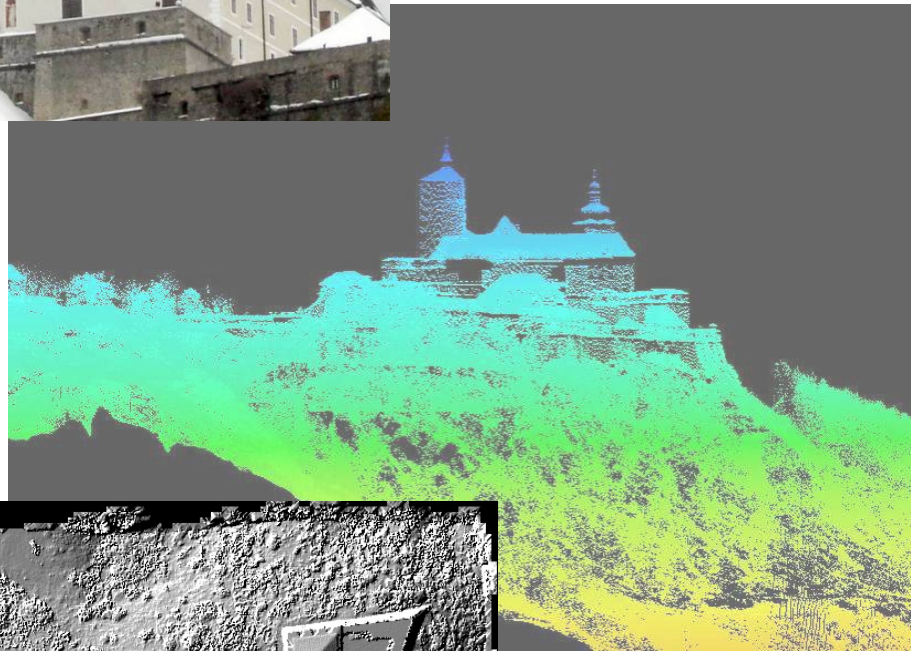
The open system architecture allows easy integration of other sensors on customer request.

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

Providing the full range of support in the field of airborne laser scanning from data acquisition to data processing and analysis, iMAR co-operates in this area with BEWAG GeoService GmbH, located in Eisenstadt (Austria).

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