

# RIEGL VQ-840-G Airborne Laser Scanner for Topo-Bathymetric Surveying

The RIEGL VQ-840-G is a compact Topo-Bathymetric Airborne Laser Scanner especially suited for coastline and shallow water mapping providing more than 2 Secchi depths water penetration. The scanner provides high spatial resolution due to a measurement rate of up to 200 kHz and a selectable laser beam divergence. Complemented by an optionally integrated IMU/GNSS system and an optional camera or IR rangefinder, the VQ-840-G represents a fully integrated system for integration in various aircraft platforms including UAVs at a low weight of about 12 kg.

---

<https://www.hydro-international.com/content/video/the-riegl-vq-840-g-airborne-laser-scanner-for-topo-bathymetric-surveying>

---