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RIEGL Integrates VQ-840-G Topo-Bathymetric Laser Scanner into Schiebel CAMCOPTER S-100



RIEGL Laser Measurement Systems GmbH and SCHIEBEL have successfully completed the integration of a high-end laser scanning system, the RIEGL VQ-840-G topo-bathymetric LiDAR sensor, on the Schiebel CAMCOPTER S-100 Unmanned Air System (UAS).

The RIEGL VQ-840-G, combined with the outstanding technical specifications and performance of the CAMCOPTER S-100 UAS, enables an efficient and secure way for surveying shallow waters, where monitoring from boats becomes a challenge. The applications of Airborne LiDAR Bathymetry (ALB) include the mapping of coastlines and river banks as well as the monitoring of natural habitats, water reservoirs and hydraulic engineering applications (e.g., canals, dams, bridges).

In a single data acquisition mission, data below and above the water surface are covered.