

RIEGL LiDAR for Airborne Topo-Bathymetry

Fast. Precise. Efficient.

Model	Scan Pattern	Measurement Rate	Water Penetration	Camera	Weight	Use Case
NEW VQ-840-GE	40° FOV elliptic scan pattern	up to 100 kHz	> 2 Secchi depths	integrated 12 Mpx digital camera (optional)	9.5 kg / 21 lbs	straightforward use on smaller UAVs
VQ-840-GL	40° FOV elliptic scan pattern	up to 200 kHz	> 2 Secchi depths	integrated 24 Mpx digital camera (optional)	9.8 kg / 22 lbs	for use on UAVs and crewed aircraft
VQ-840-G	40° FOV elliptic scan pattern	up to 200 kHz	> 2 Secchi depths	integrated 24 Mpx digital camera (optional)	12 kg / 27 lbs	for use on larger UAVs and crewed aircraft
NEW VQ-860-G	40° FOV circular scan pattern	up to 100 kHz	> 2.5 Secchi depths	integrated 24 Mpx digital camera (optional)	15 kg / 33 lbs	for use on large drones, helicopters, and crewed aircraft

NEW VQ-840-GE

VQ-840-GL

VQ-840-G

NEW VQ-860-G

An attractive portfolio tailored to every task in LiDAR bathymetry:

coastline mapping, habitat observation and change detection, river and inland waterbody survey, detailed underwater infrastructure and object detection, hydro engineering, hydro-archeology, water reservoir monitoring



RIEGL TOPO-BATHYMETRIC SENSORS & SYSTEMS
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