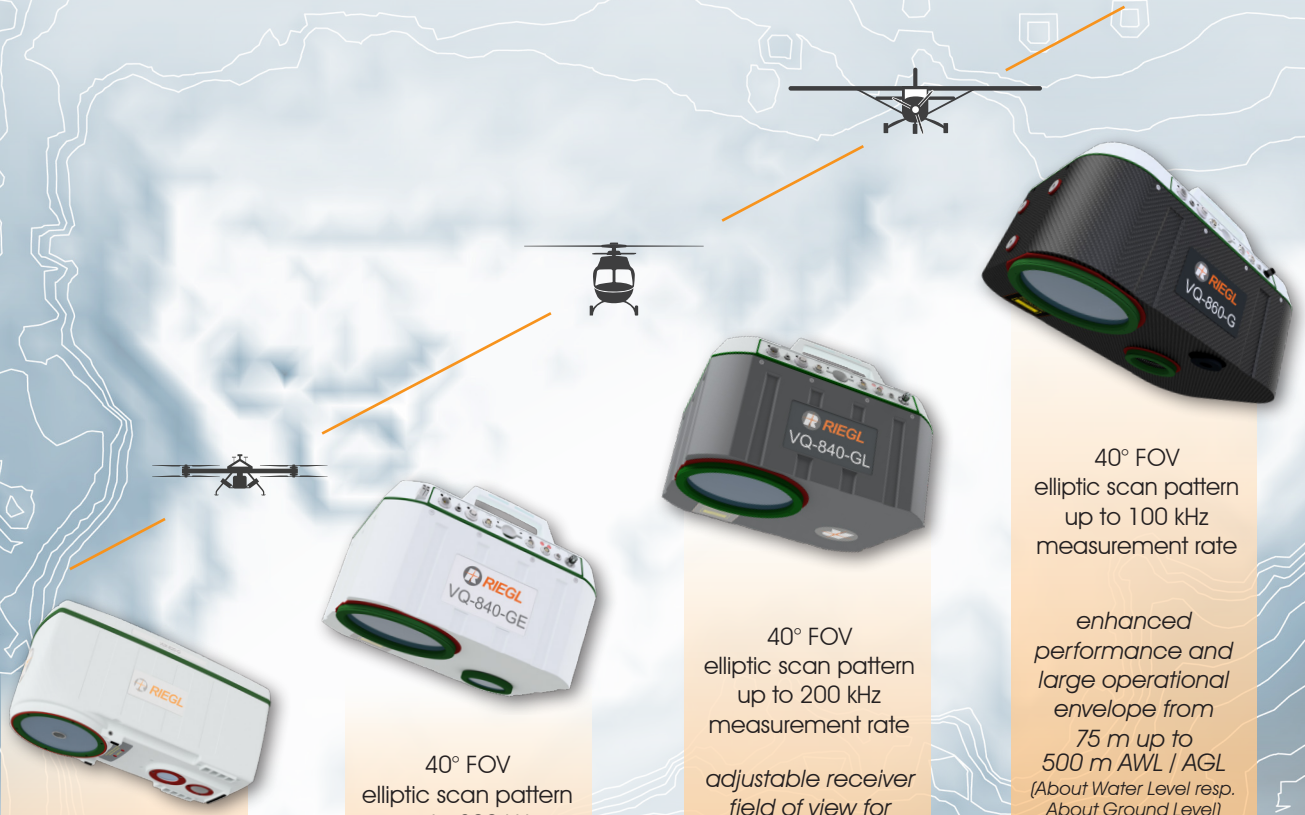
RIEGL LiDAR FOR AIRBORNE TOPO-BATHYMETRY

FAST. PRECISE. EFFICIENT.



VUX-820-G	VQ-840-GE	VQ-840-GL	VQ-860-G
40° FOV circular scan pattern up to 100 kHz measurement rate	40° FOV elliptic scan pattern up to 200 kHz measurement rate	40° FOV elliptic scan pattern up to 200 kHz measurement rate	40° FOV elliptic scan pattern up to 100 kHz measurement rate
		adjustable receiver field of view for operational flexibility	*enhanced performance and large operational envelope from 75 m up to 500 m AWL / AGL (About Water Level resp. About Ground Level) flight altitude*
>2 Secchi depths water penetration	>2 Secchi depths water penetration	>2 Secchi depths water penetration	>2.5 Secchi depths water penetration
5 MPx digital camera, IMU/GNSS, *RIEGL* RiLOC, and *RIEGL* software **FULLY INTEGRATED**	24 MPx digital camera, IMU/GNSS, *RIEGL* RiLOC, and *RIEGL* software **FULLY INTEGRATED**	extra full waveform analysis tools integrated 12 MPx/24 MPx digital camera **OPTIONAL**	integrated 12 MPx/24 MPx digital camera **OPTIONAL**
5.4 kg / 11.9 lbs (including camera & IMU/GNSS)	*10.3 kg / 22.7 lbs (including camera & IMU/GNSS)*	*9.8 - 10.8 kg 22- 23.8 lbs (depending on system configuration)*	*15 - 18.5 kg 33 - 40.7 lbs (depending on system configuration)*
ready to use all-in-one package		configurable for highest flexibility	

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
www.riegl.com

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