RIEGL LiDAR for Airborne Topo-Bathymetry

Fast. Precise. Efficient.





NEW ORIGINAL ORIGINA ORIGINA ORIGINA ORIGINAL ORIGINA ORIGINA ORIGINA ORIGINA ORIGINA ORIGINA ORIGINA

40° FOV circular scan pattern up to 100 kHz measurement rate

>2 Secchi depths water penetration

integrated 5 MPx digital camera and integrated IMU/GNSS unit *RIEGL* RiLOC

5.7 kg / 12.5 lbs (with camera & IMU/GNSS) IMPROVED PERFORMANCE

40° FOV elliptic scan pattern up to 200 kHz measurement rate

>2 Secchi depths water penetration

integrated 24 MPx digital camera and integrated IMU/GNSS unit

10.3 kg / 22.7 lbs (with camera & IMU/GNSS) 40° FOV elliptic scan pattern up to 200 kHz measurement rate

adjustable receiver field of view for operational flexibility

extra full waveform analysis tools

>2 Secchi depths water penetration

integrated 12 MPx/24 MPx digital camera (optional)

9.8 - 10.8 kg 22- 23.8 lbs (depending on system configuration) 40° FOV elliptic scan pattern up to 100 kHz measurement rate

enhanced
performance and
large operational
envelope from
75 m AGL up to
500 m AGL
flight altitude

>2.5 Secchi depths water penetration

integrated 12 MPx/24 MPx digital camera (optional)

15 - 18.5 kg 33 - 40.7 lbs (depending on system configuration)

NEW VUX-820-G

VQ-840-GE

VQ-840-GL

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 www.riegl.com

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This data sheet is compiled with care. However, errors cannot be fully excluded and alternations might be necessary.

