RIEGL LiDAR FOR AIRBORNE TOPO-BATHYMETRY

FAST. PRECISE. EFFICIENT.

NEW VUX-820-G

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

>2 Secchi depths
water penetration

5 MPx digital
camera, IMU/GNSS,
RIEGL RiLOC, and
RIEGL software
FULLY INTEGRATED

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

VQ-840-GE

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

>2 Secchi depths
water penetration

24 MPx digital
camera, IMU/GNSS,
RIEGL RiLOC, and
RIEGL software
FULLY INTEGRATED

10.3 kg / 22.7 lbs
(with camera &
IMU/GNSS)

VQ-840-GL

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)

VQ-860-G

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

enhanced
performance and
large operational
envelope from
75 m up to
500 m AWL / AGL
(About Water Level resp.
About Ground Level)
flight altitude

>2.5 Secchi depths
water penetration

integrated
12 MPx/24 MPx
digital camera
OPTIONAL

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

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

RIEGL®