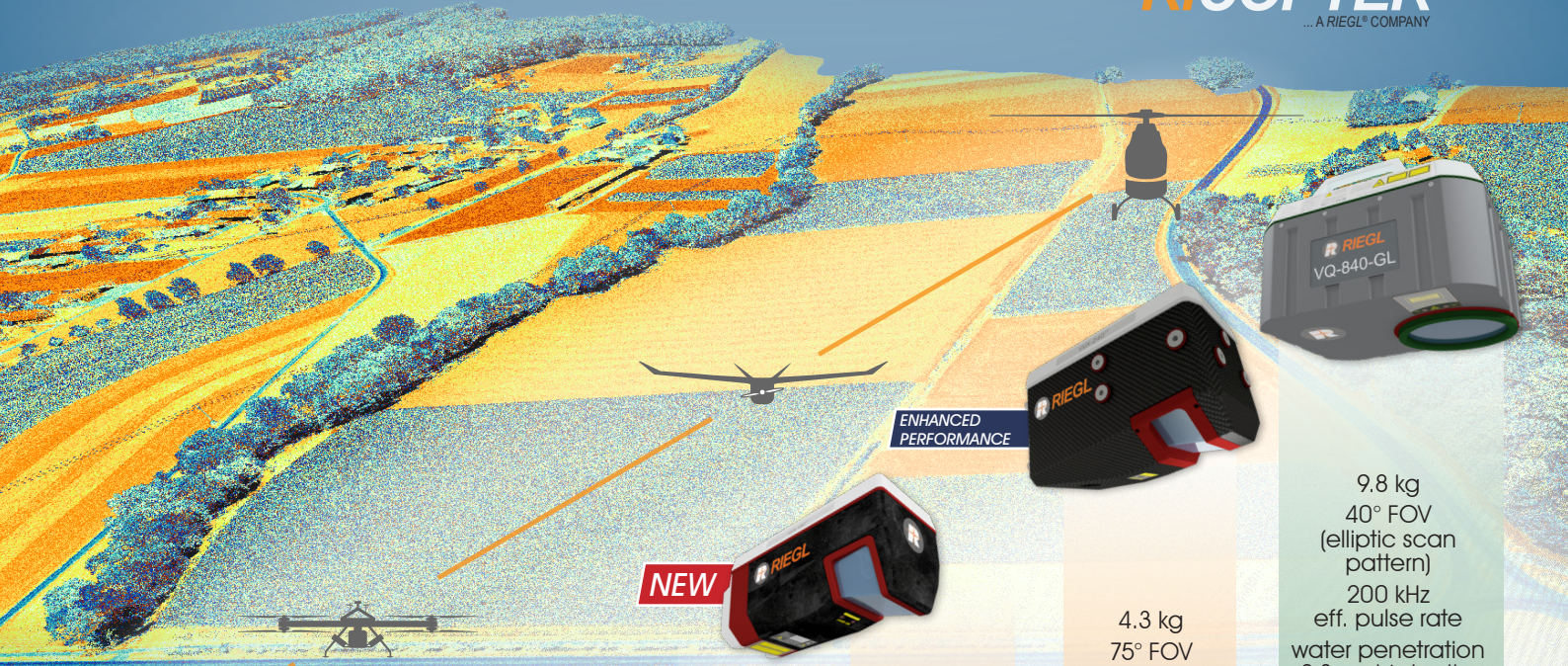


RIEGL UAV LiDAR SENSORS & SYSTEMS

CHOOSE THE SENSOR EXACTLY RIGHT
FOR YOUR SPECIFIC SURVEYING MISSION!

DISTRIBUTED, SUPPORTED AND SERVICED BY
RICOPTER[®]
... A RIEGL[®] COMPANY



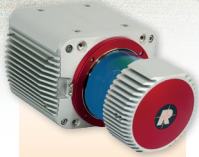
NEW

**ENHANCED
PERFORMANCE**



1.6 kg
360° FOV
100 / 200 kHz
eff. pulse rate

*extremely
lightweight*



3.5 kg
360° FOV
1.2 / 1.5 MHz
eff. pulse rate

*powerful
sensor for
various
applications
in wide area
UAV surveying*



2.3 kg
100° FOV
2 MHz
eff. pulse rate

*NFB (Nadir/
Forward/
Backward)
Scanning for
an optimal
coverage of
complex
and vertical
targets*

2.6 kg
100° FOV
2 MHz
eff. pulse rate

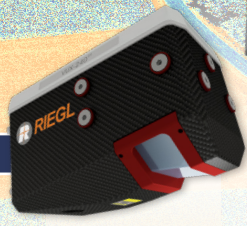
*fully
integrated
IMU/GNSS
system*

*NFB (Nadir/
Forward/
Backward)
Scanning for
an optimal
coverage of
complex
and vertical
targets*

2.7 kg
75° FOV
2 MHz
eff. pulse rate

*fully
integrated
IMU/GNSS
system*

*scan speed
up to
800 lines/sec,
resulting in an
optimal line
and point
distribution;
perfectly
suited for use
on high-speed
UAVs*



4.3 kg
75° FOV
2 MHz
eff. pulse rate

*versatile
scanner for
use on
high-speed
UAVs,
helicopters or
small manned
aeroplanes*



9.8 kg
40° FOV
(elliptic scan
pattern)
200 kHz
eff. pulse rate
water penetration
2 Secchi depths

*for
topo-bathymetric
LiDAR
applications*

*efficient
high resolution
coastline or
shallow water
surveying*

miniVUX-1 UAV miniVUX-3 UAV	VUX-1 UAV ²² VUX-1 LR ²²	VUX-1 20 ²³	VUX-1 60 ²³ / NEW VUX-1 80 ²⁴	VUX-240 ²⁴	VQ-840-GL
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**for applications using low-flying small
or mid-sized multi-rotor UAVs**
e.g. mining, topography, forestry,
landslide and avalanche monitoring

**for applications using
fixed-wing UAVs**
e.g. corridor mapping,
city modeling

**for applications using higher-flying large UAVs
or helicopters**
e.g. mapping with the need of detailed
high-resolution data



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