



PHOENIX AERIAL **RANGER**

RIEGL VUX-1 LiDAR



Vehicle Mount



Aerial Mount

The Ranger series is the only survey grade LiDAR system that designed to quickly adapt from UAV to ground vehicle. Built around the newest LiDAR sensing technology with a range of up to 920m, the requirements to the GNSS/Inertial Navigation System's orientation accuracy become much more stringent.

For this reason, the Ranger utilizes state-of-the-art fiber-optic gyro technology, halving heading inaccuracies when compared with the best available MEMS options.

By using GNSS/Inertial post-processing software, remaining inaccuracies can be reduced by typically 40%.

Features:

- Accurate, real-time point cloud
- GNSS/Inertial post-processing option available

