

Phoenix Aerial Introduces Low Cost UAV LiDAR System

Phoenix Aerial Systems introduces two game changing UAV LiDAR products: the Scout, a lightweight low-cost mapping system, and the Ranger, a survey grade long range system featuring the Riegl VUX-1 sensor.

Los Angeles, CA (PRWEB) October 20, 2014



Phoenix Aerial Systems, a leading manufacturer of unmanned aerial LiDAR products, announced today two new revolutionary LiDAR products, the Scout and the Ranger. The Scout is a lightweight, accurate and low cost solution for companies looking to enter the mapping market. Weighing less than 2.5kg, measuring only 12cm x 22cm x 8cm and options starting at \$55k, the Scout is the most affordable UAV LiDAR mapping solution on the market.

"Traditional manned aerial LiDAR technology is incredibly expensive, typically starting at seven figures," said Grayson Omans, CEO of Phoenix Aerial Systems. "We're excited to introduce the Scout because it opens the door to small UAV companies who couldn't afford traditional LiDAR technology but still want to offer mapping as a service."

At the core of the Scout is the Velodyne VLP-16 puck, which features 16 lasers aligned over a 30° Vertical Field of View, 100+ meter range and captures up to 300,000 measurements per second.

Phoenix Aerial Systems is also introducing the Ranger, a survey-grade, long-range mapping system featuring the Riegl VUX-1 and Fiber Optic Gyro IMU sensors.

"The Ranger is by far the most accurate and longest range LiDAR mapping system we offer," said Omans. "Its ideal for mapping power lines, pipelines, railway tracks and anything else where accuracy is essential."

The Scout and Ranger both include Phoenix Aerial System's proprietary software suite which allows the operator to monitor the process and view a high-definition 3D point cloud in real time. In addition to LiDAR, the Scout and Ranger also include a photogrammetry option, giving our customers the ability to deliver LiDAR and imagery data simultaneously.

Phoenix Aerial Systems will be exhibiting at the UAS Mapping show, held Oct 21 – 22 at the Reno Event Center, Reno, NV. Please join us at booth #403 for a live demonstration of our products. <http://uasreno.org/>

For additional information on our products, visit <http://www.phoenix-aerial.com> or email us at [info\(at\)phoenix-aerial\(dot\)com](mailto:info(at)phoenix-aerial(dot)com)


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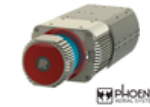
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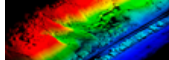
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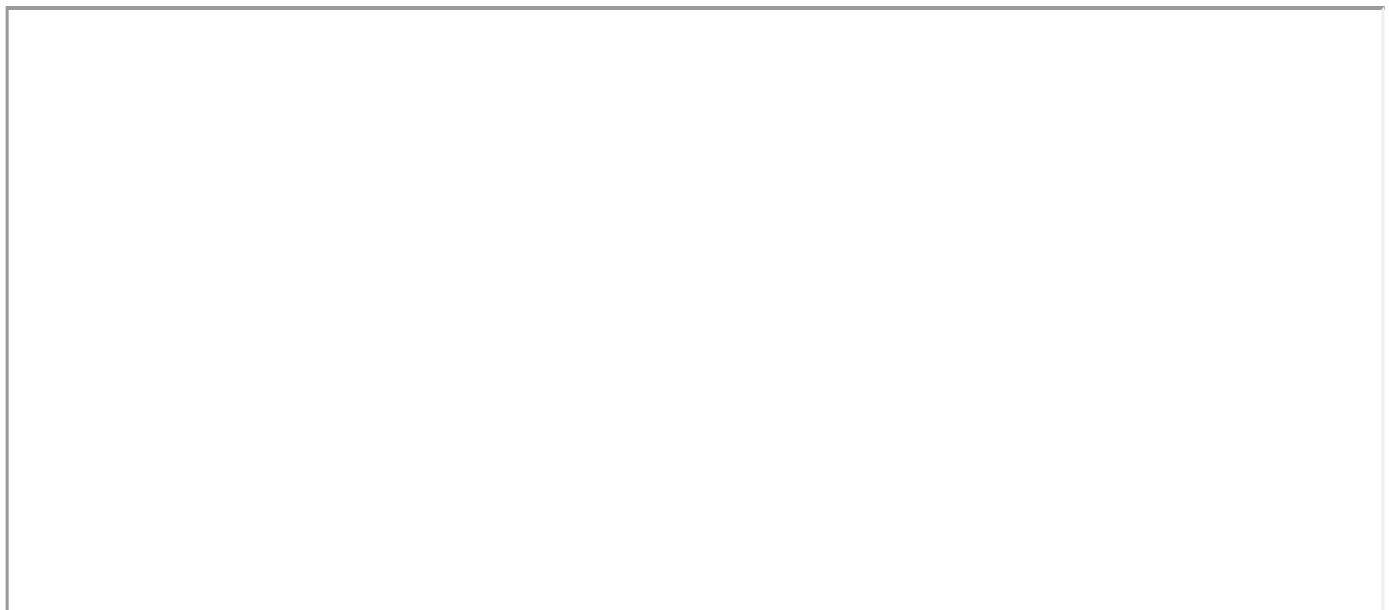
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