

Velodyne LiDAR Partners with YellowScan for Integrated UAV LiDAR



Velodyne LiDAR Inc, the world leader in 3D vision systems for autonomous vehicles, has announced a partnership with YellowScan to integrate its VLP-16 Puck and VLP-16 Puck LITE LiDAR sensors into YellowScan's Surveyor for a turn-key and reliable LiDAR system for demanding UAV applications.

By combining YellowScan's LiveStation app with the real-time 3D data capture capabilities of the VLP-16 sensors – both of which feature a 360° horizontal field-of-view (FoV), 100-metre range, and weigh in at 830 grams and 590 grams, respectively – they can deliver a turn-key Surveyor system that can be mounted to any drone for short-time data processing needs. The result is a real-time in-flight LiDAR monitoring platform, with users able to see how the final map is being generated in real-time during the drone mission, and the

basic map datasets available immediately after the mission.

"The VLP-16 Pucks are some of our newest offerings, with significant effort put into reducing weight while maintaining the resolution and reliability expected of Velodyne's industry-leading LiDAR sensors," said Erich Smidt, Executive Director Europe, Velodyne LiDAR.

"YellowScan Surveyor, the turn-key LiDAR solution integrating Velodyne's advanced VLP-16 sensor, enables mapping professionals to do more in less time thanks to tremendously high density and accurate measurements acquired from UAVs," said Tristan Allouis, CTO, YellowScan.

<https://www.gim-international.com/content/news/velodyne-lidar-partners-with-yellowscan-for-integrated-uav-lidar>
