

Fagerman Technologies Inc.

The team here at LiDAR USA (aka Fagerman Technologies) wishes you the very best for a prosperous 2017.



# **Drones and LiDAR**

The past year has seen a lot of things change in our industry. With the FAA releasing the 107 ruling effective August 29, 2016, the Drone market went crazy in the US and even outside the US. It has definitely had a positive impact on our sales and services as well.

Our ScanLook Revolution and A-series systems, being small and lightweight, in addition to affordable and powerful, made it possible for many users to take advantage of the emerging Drone service market. Even though there have been papers written and published in just the past few months from at least four separate vendors saying the Drone LiDAR market is not yet ready, we are glad to say that they are sadly mistaken.

The Drone LIDAR market is vibrant and alive. The days of collecting topos of more than 10 acres using GPS or conventional surveying tools are fast coming to an end.

Web Store

WHAT'S NFW





#### **Revolution Series**

In case you are unaware, Revolution is our entry level system weighing in between 1 and 1.6 Kg depending upon the configuration selected. It is perfect for a variety of applications but is particularly suited for minimum payload UAV's, law enforcement, archeology, and encroachment analysis (i.e. applications not requiring survey grade positioning).



The Revolution Series is generally considered to contain a Velodyne Puck/Lite or Quanergy M8 and the VectorNav VN-300 INS with Dual L1



#### **Snoopy A-Series**

The A-series system includes any of our lighter scanners and a variety of INS packages. We continue to support the NovAtel SPAN-IGM-S1 (STIM300) and -A1 (ADIS) INS packages as we have for years.

We now support Trimble Applanix with the introduction of the APX15-L UAV INS. The Trimble Applanix APX-15 is a small, affordable INS with all of the expectations a Trimble user would expect.



### Snoopy A-Series INS B (PPK) & INS C (RTK)

This year we have also added a new INS. The INS B and INS C allowing us to rapidly change, adapt, and progress with technology. We can now provide a solution that includes a top-of-the line MEMS INS that is light, affordable, performs very well and allows us to provide a PPK and RTK solution.



## **Authorized Resellers**

It has never been our plan or ambition to become resellers of other products. That being said, there are some products that are just too compelling not to include with our own sales. As a result, we are now resellers for CHC (GPS equipment), DJI (UAV's), Quanergy (laser scanners) and Velodyne (laser scanners).

We resell a number of other Drones and other components as well.  $% \label{eq:components} % \label{eq$ 





**Laser Scanners** 

**Drones** 





**GPS Equipment** 

**Laser Scanners** 







**Drones** 

**Drones** 

**Cameras** 

## **New Website**

Our website has undergone a complete make over this year. While I think everybody found the prior presentation informative, it was a little bit dated. The site remains jam packed with information and that makes it difficult to keep it simple. We still have our Learn pages which I hope you find helpful. We've added pages for a Store, Wiki, Software Downloads, and more. The Store is a work in progress. The Wiki is your 24x7 support line. It is not (yet) intended to be a training site but rather a helpful reminder. The Downloads pages contain our most recent software updates.













Use the RIGHT tool for each job, Not the same tool for every job.



The New Year is just around the corner, only days away. In 2017 you can expect a lot of new stuff from us. This will include new and enhanced hardware and lots of new software. We are headed to the cloud but we are not leaving the desktop behind. You will see a lot more automation and some really nice web features that help you WOW your customers!

