REVELATION 60

- 100+ Points per square meter
- AGL 40-60M AGL
- 40+ Acres One Flight
- 4.6 cm @ 50 M AGL
- 1.53kg
The Revolution 60 is specially designed for UAV missions. And can be upgraded to a ground-based car or backpack collection system in the field.

Weighing in at only 1.53kg, The Revolution 60 is light-weight and easy to use. Starts with just a click of a button on your smartphone.

Dimensions / Weight:
- 3.5 inches tall
- 11.75 inches long
- 4.375 inches wide
- Weight ~2kg
- 10-30VDC
- 25 Watts

Storage:
- External Storage (500mb to 1TB)
- Internal Storage (500mg)
Revolution 60 Point Density

Flying Height (meters)

Points per Square Meter vs. Speed m/s

Graph showing the relationship between flying height and points per square meter at different speeds.
Our Software has been developed and fine-tuned over the course of 20 years, led by our founder and CEO, Jeff Fagerman. As a Licensed Land Surveyor and Computer Engineer, Jeff created ScanLook PC to be user friendly and powerful. Employing the latest machine learning our software allows customers to process LIDAR Data very fast, much faster than conventional Photogrammetry.

We provide the complete software suite for acquisition, georeferencing, data merging, post-processing, and export.

LiDARUSA ScanLook PC, creates control point from the raw data, and uses a state of the art control point adjustment algorithm, the end result is a control point adjusted georeferenced point cloud. Output formats are numerous; las, laz, txt, XYZ, e57....

IE PPK, to create trajectory and post-process inertial data and GNSS data.

Export directly to topoDOT, AEC, Bentley, Microstation, Trimble Business Center, and VisionLiDAR formats to name a few.

OTHER 3D MAPPING SOLUTIONS: