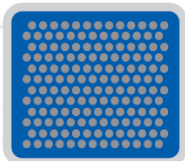# REVOLUTION 60

**100+ Points**
per square meter
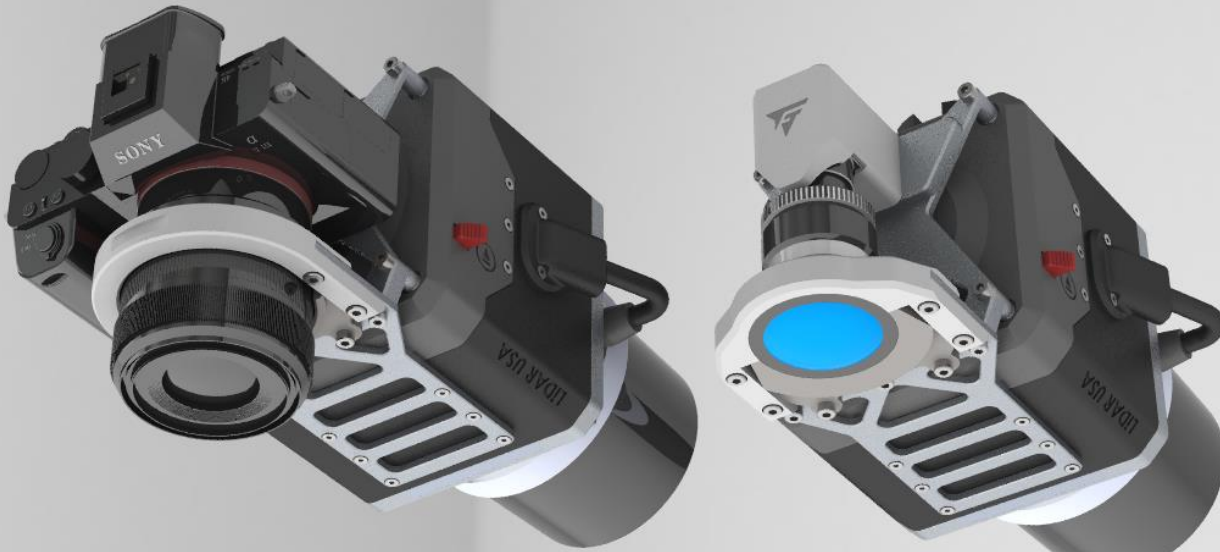
**AGL**
40-60M AGL

**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.
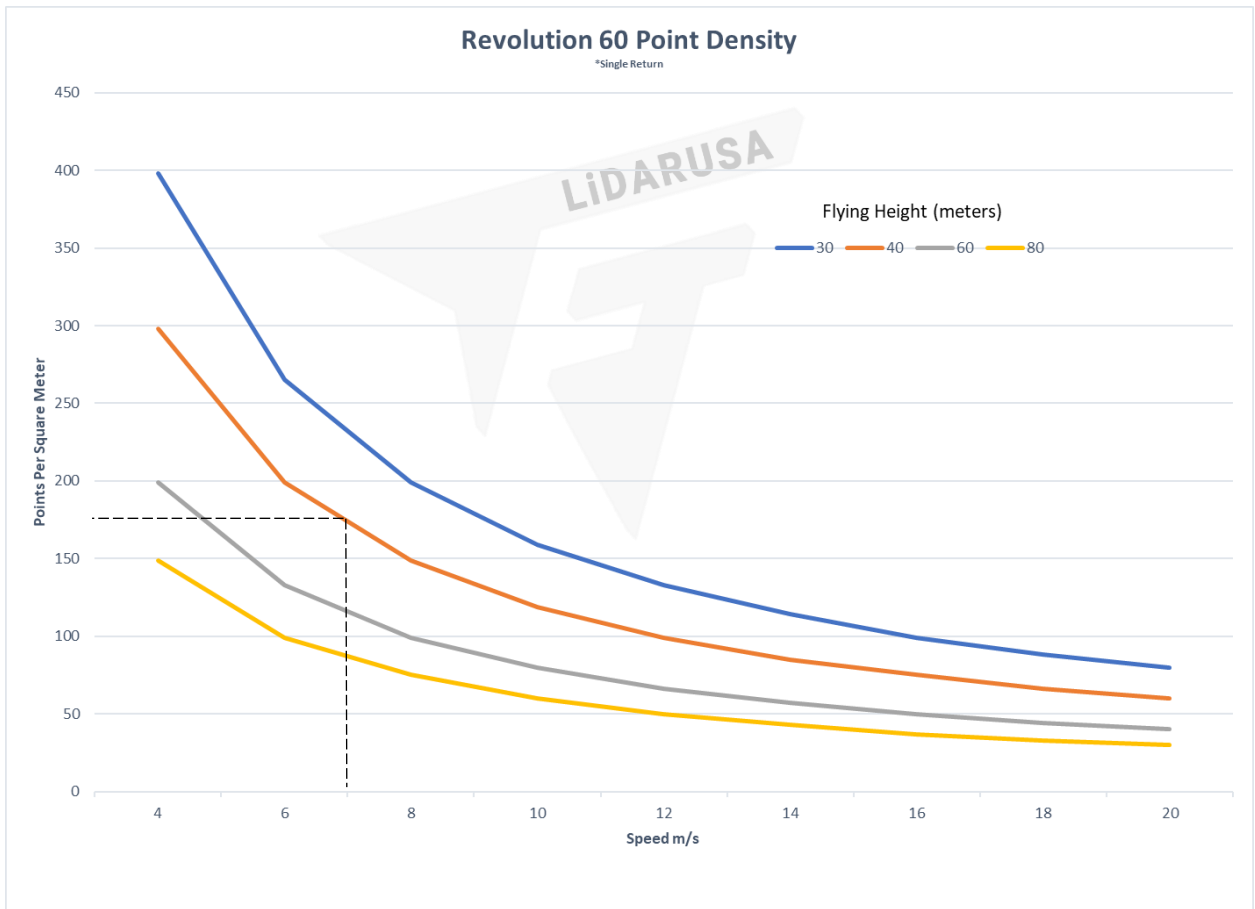


# REVOLUTION 60

**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)

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.



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LIDAR USA
Fagerman Technologies Inc.

# Revolution 60 Point Density
*Single Return*



Chart axes: X-axis "Speed m/s" (4 to 20), Y-axis "Points Per Square Meter" (0 to 450).

Legend — Flying Height (meters): 30, 40, 60, 80

# Software

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, geo-referencing, 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:**



REVOLUTION 120

200+ Points per square meter | AGL 100-120M AGL | 100+ Acres One Flight | 3.8 cm @ 50 M AGL | 1.73kg

Download Datasheet



One System. Dual Use. Yes, You Can Do Both!



REVOLUTION HD

200+ Points per square meter | AGL 50-90M AGL | 60+ Acres One Flight | 3.1 cm @ 39 M AGL | 2.51kg

Download Datasheet