



# REVOLUTION 120



**200+ Points**  
per square meter



**AGL**  
100-120M AGL



**100+ Acres**  
One Flight



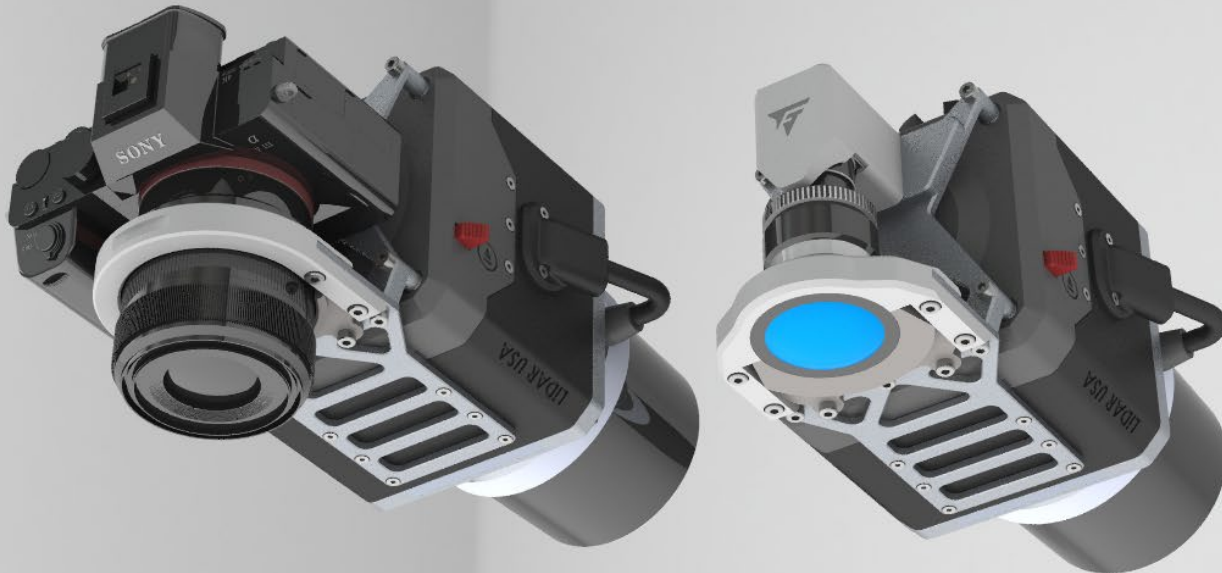
**3.8 cm**  
@ 50 M AGL



**1.73kg**



The Revolution 120 is specially designed for UAV missions. And can be upgraded to a ground-based car or backpack collection system in the field.



# REVOLUTION 120

## Dimensions / Weight:

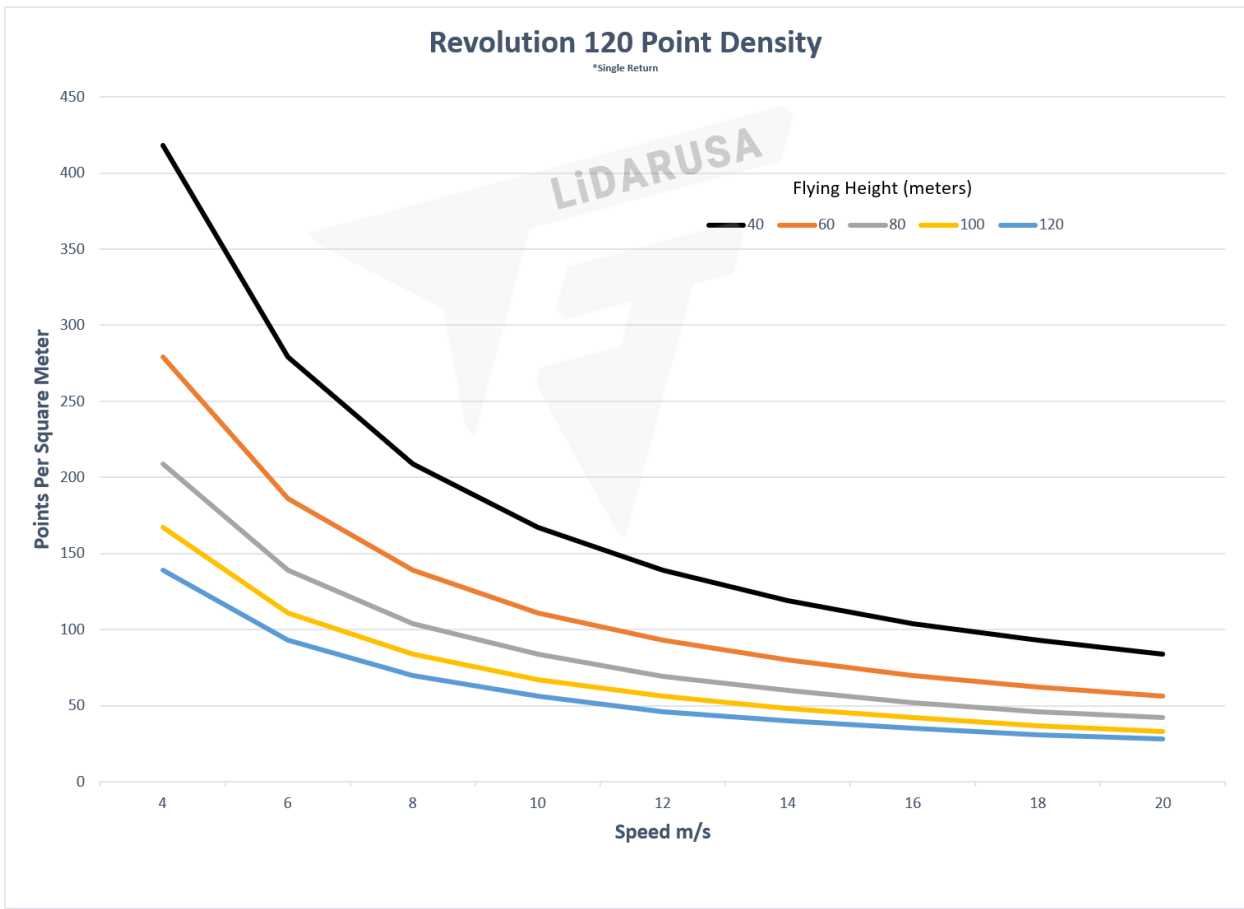
- 3.5 inches tall
- 11.75 inches long
- 4.375 inches wide
- Weight ~1.73kg
- 10-30VDC
- 25 Watts

## Storage:

- External Storage (500mb to 1TB)
- Internal Storage (500mg)

Weighing in at only 1.73kg, The Revolution 120 is light-weight and easy to use. Starts with just a click of a button on your smartphone.





# 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.

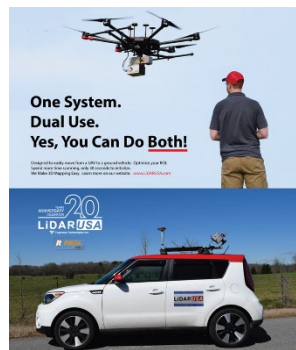
We provide the complete software suite for acquisition, georeferencing, data merging, post-processing, and export.

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:



REVOLUTION HD				
200+ Points per square meter	AGL 50-80M AGL	60+ Acres One Flight	3.1 cm @ 50 M AGL	2.51kg

[Download Datasheet](#)