

OpenSfM Quality Report

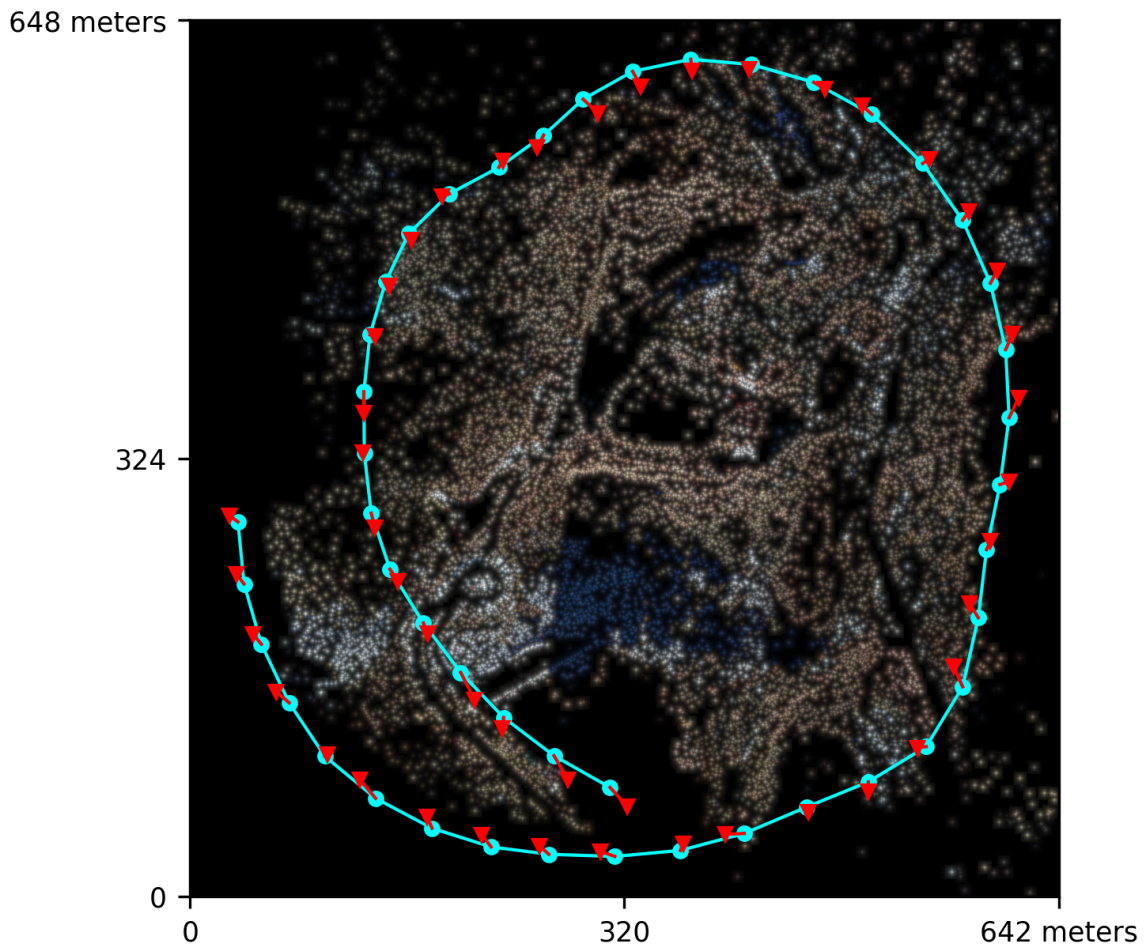
Processed with OpenSfM v0.5.1-278-ge45cc5c5

Dataset Summary

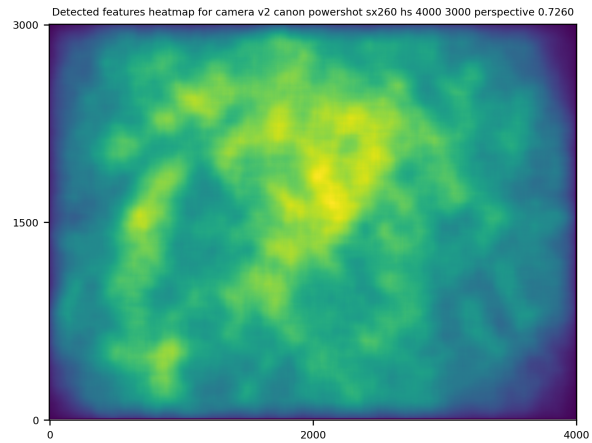
Dataset	drone_redrocks
Date	04/11/2020 at 11:46:30
Area Covered	0.335864 km ²
Processing Time	253.18 seconds

Processing Summary

Reconstructed Images	45 over 45 shots (100.0%)
Reconstructed Points	53433 over 53672 points (99.6%)
Reconstructed Components	1 component
Detected Features	7506 features
Reconstructed Features	4321 features
Geographic Reference	GPS
GPS error	9.98 meters



Features Details

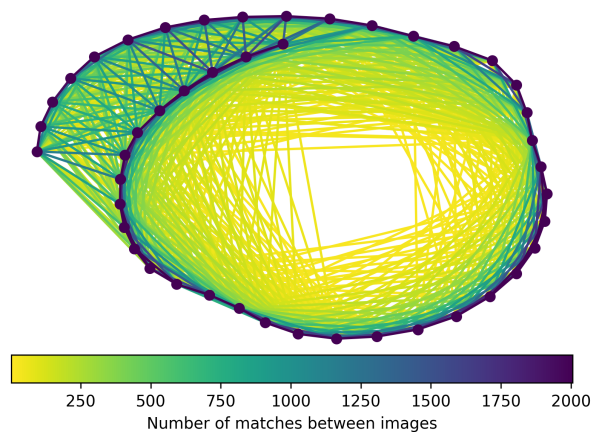


	Min.	Max.	Mean	Median
Detected	7405	7702	7531	7506
Reconstructed	2739	5085	4227	4321

Reconstruction Details

Average reprojection Error	1.17 pixels
Average Track Length	3.56 images
Average Track Length (> 2)	4.95 images

Tracks Details

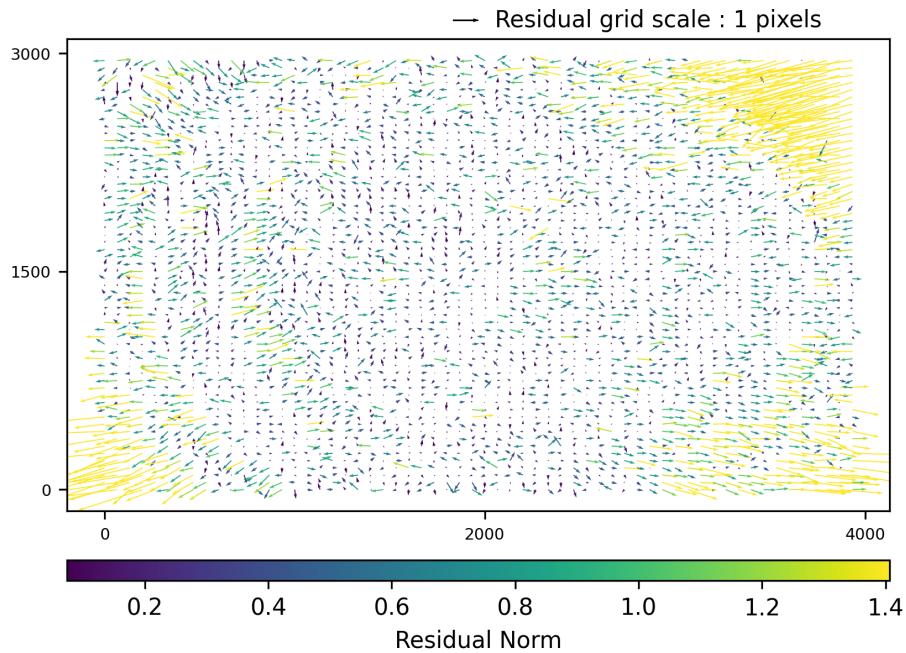


Length	2	3	4	5	6	7	8	9	10
Count	25138	10967	5959	3649	2452	1580	1058	707	541

Camera Models Details

v2 canon powershot sx260 hs 4000 3000 perspective 0.7260

	k1	k2	focal
Initial	0.0000	0.0000	0.7261
Optimized	-0.0205	0.0035	0.7452



GPS Errors Details

	Mean	Sigma	RMS Error
X Error (meters)	-0.003	6.482	6.482
Y Error (meters)	0.031	8.886	8.886
Z Error (meters)	-0.091	1.074	1.078
Total			9.975

Processing Time Details

Feature Extraction	Features Matching	Tracks Merging	Reconstruction	Total Time
16.21 sec.	81.18 sec.	3.45 sec.	152.34 sec.	253.18 sec.