

OpenSfM Quality Report

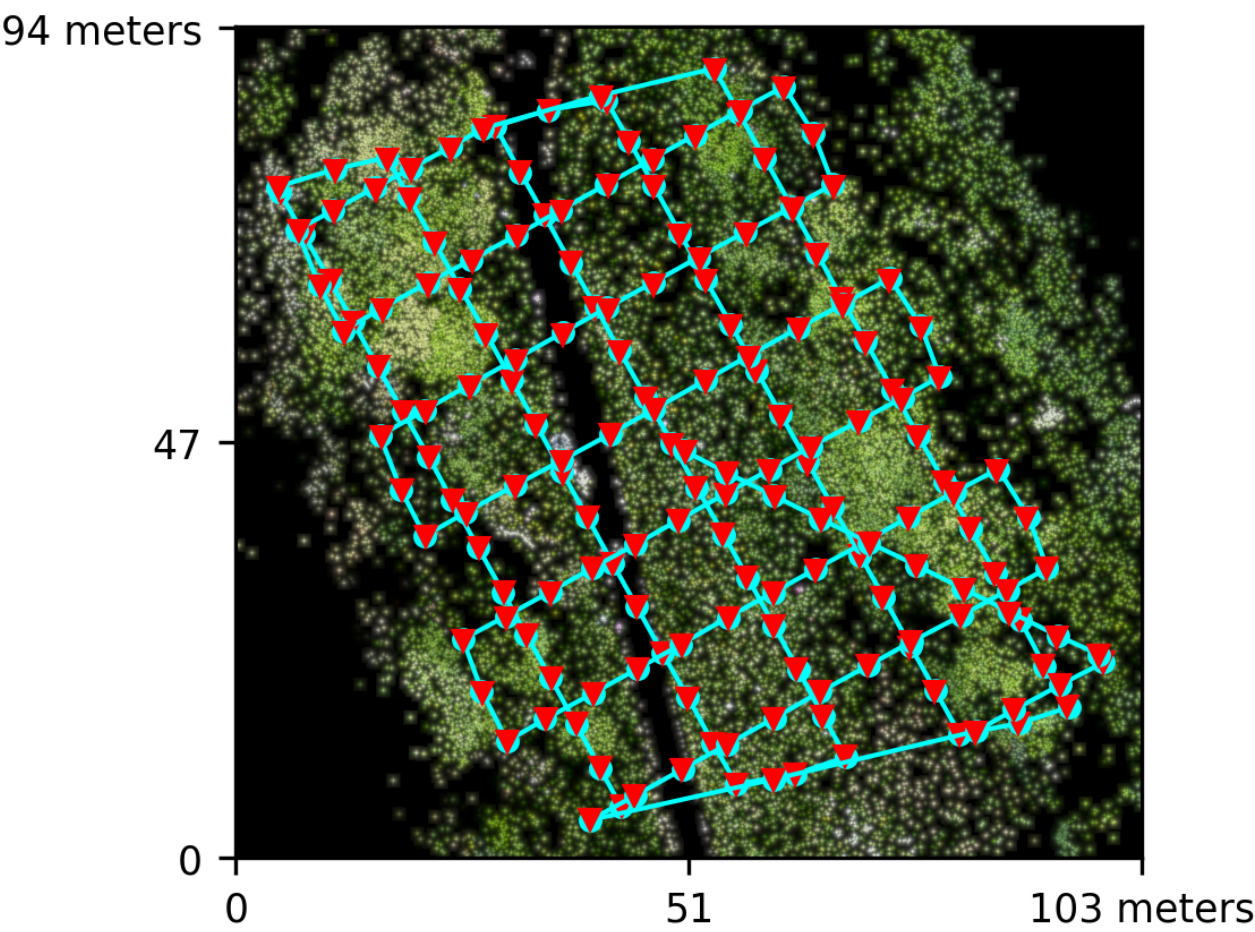
Processed with OpenSfM version v0.5.1-924-g3c3fb6db

Dataset Summary

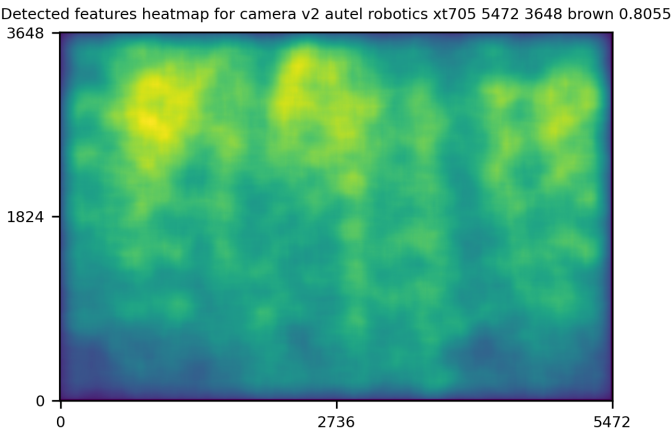
Dataset	
Date	21/08/2025 at 15:19:15
Area Covered	0.007996 km²
Processing Time	148.15 seconds

Processing Summary

Reconstructed Images	176 over 176 shots (100.0%)
Reconstructed Points	98044 over 104616 points (93.7%)
Reconstructed Components	1 component
Detected Features	14017 features
Reconstructed Features	1427 features
Geographic Reference	GPS and GCP
GPS / GCP errors	0.07 / 7.27 meters



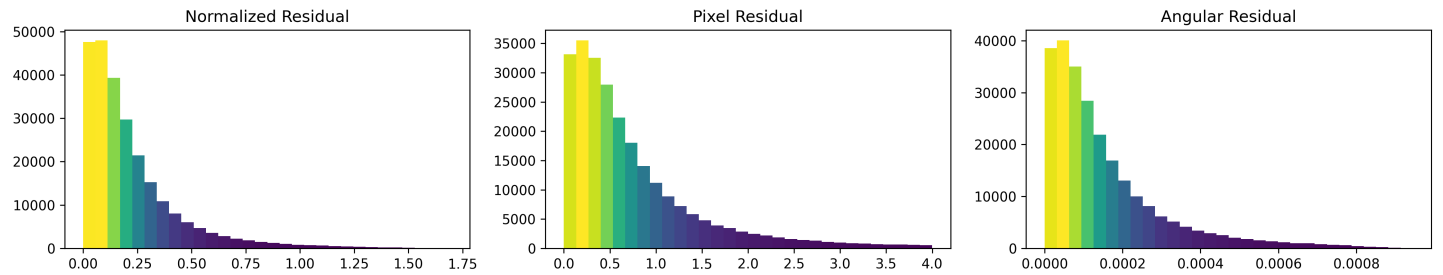
Features Details



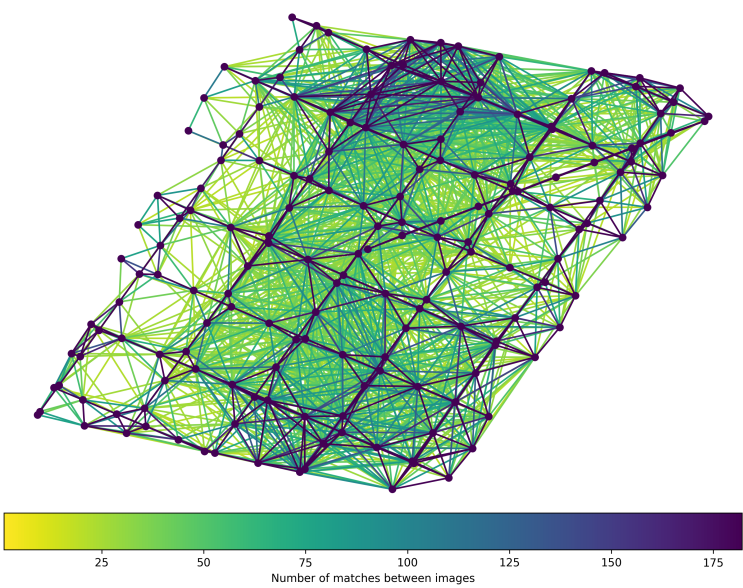
	Min.	Max.	Mean	Median
Detected	13369	15528	14070	14017
Reconstructed	161	2719	1461	1427

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.22 / 0.74 / 0.00015
Average Track Length	2.62 images
Average Track Length (> 2)	4.17 images



Tracks Details

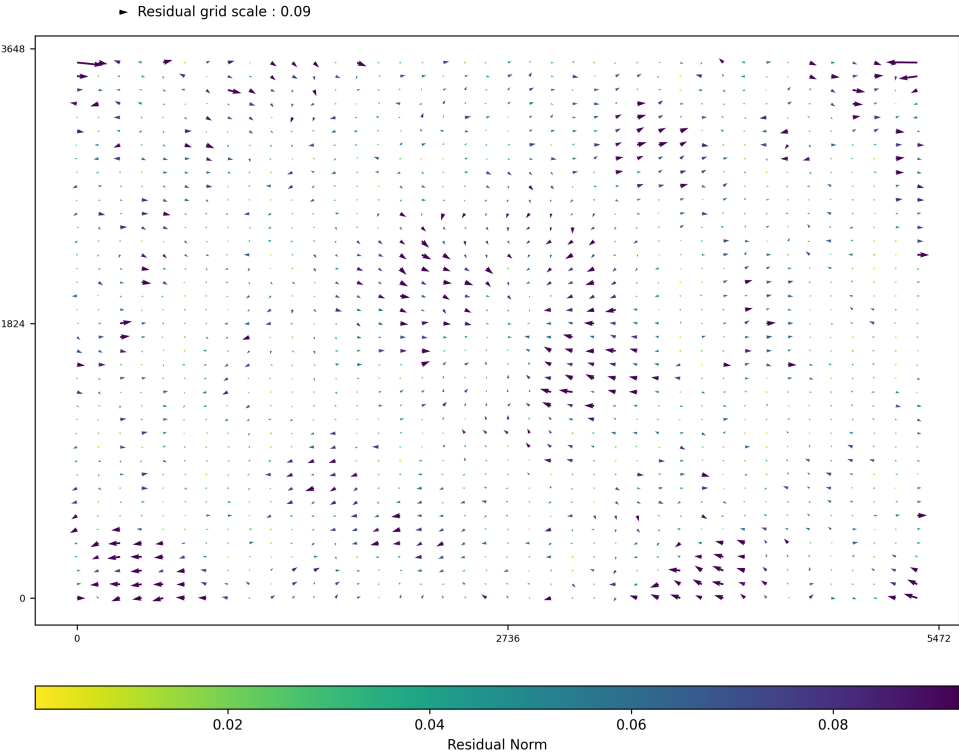


Length	2	3	4	5	6	7	8	9	10
Count	69877	15828	5852	2711	1436	735	449	303	159

Camera Models Details

v2 autel robotics xt705 5472 3648 brown 0.8055

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.8056	1.0000	0.0000	0.0000
Optimized	0.0601	-0.1768	0.1983	0.0006	-0.0007	0.7653	1.0026	-0.0020	0.0011



GPS/GCP Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	0.000	0.051	0.051
Y Error (meters)	0.000	0.060	0.060
Z Error (meters)	0.000	0.028	0.028
Total			0.074

GCP	Mean	Sigma	RMS Error
X Error (meters)	-0.047	0.113	0.122
Y Error (meters)	0.247	0.512	0.569
Z Error (meters)	7.226	14.389	16.102
Total			7.270

GPS Bias	Scale	Translation	Rotation
v2 autel robotics xt705 5472	1.00	0.10 0.55 -1.37	0.00 -0.00 -0.00

Processing Time Details

Feature Extraction	Features Matching	Tracks Merging	Reconstruction	Total Time
26.00 sec.	42.17 sec.	1.30 sec.	78.67 sec.	148.15 sec.