

ODM Quality Report

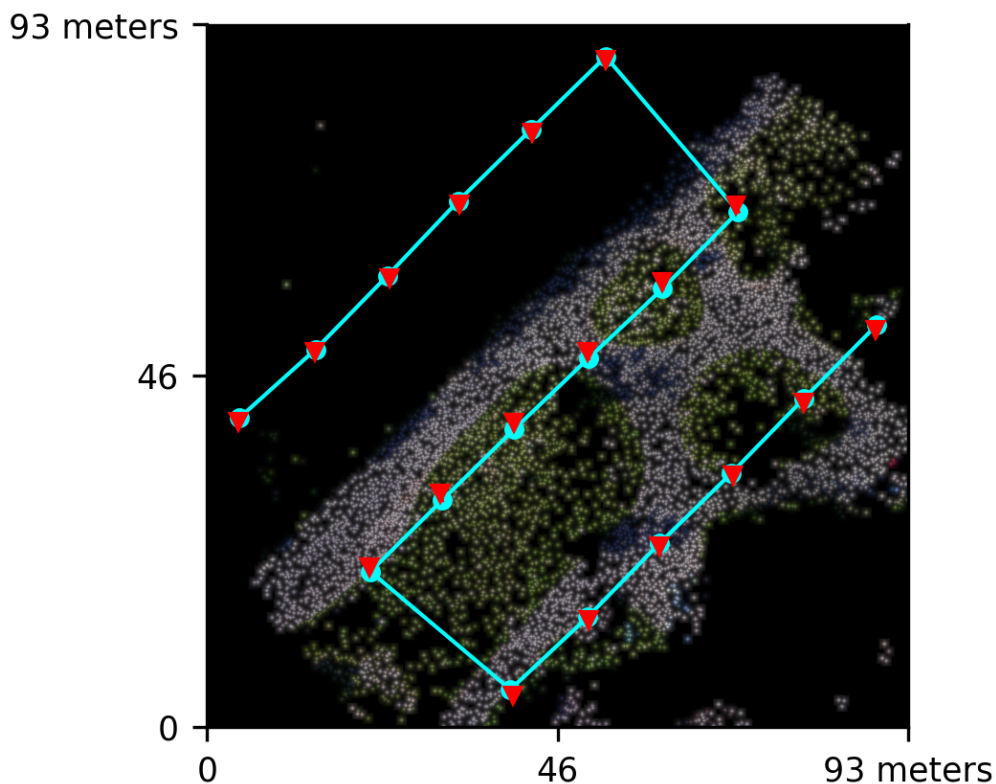
Processed with ODM version 3.5.3

Dataset Summary

Date	16/07/2024 at 20:11:37
Area Covered	0.007057 km ²
Processing Time	1.0m:18.0s
Capture Start	23/06/2016 at 16:31:59
Capture End	23/06/2016 at 16:34:03

Processing Summary

Reconstructed Images	18 over 18 shots (100.0%)
Reconstructed Points (Sparse)	10515 over 10709 points (98.2%)
Reconstructed Points (Dense)	1,482,156 points
Average Ground Sampling Distance (GSD)	1.6 cm
Detected Features	8,094 features
Reconstructed Features	1,938 features
Geographic Reference	GPS
GPS errors	0.67 meters



Previews



Orthophoto

Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

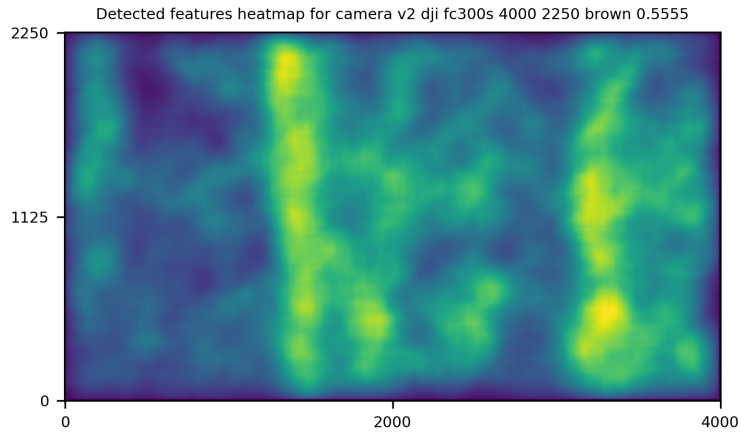
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.005	0.154	0.154
Y Error (meters)	-0.004	0.611	0.611
Z Error (meters)	0.010	0.335	0.335
Total			0.668

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.013	0.015	0.020
Y Error (meters)	0.013	0.016	0.020
Z Error (meters)	0.020	0.033	0.039
Total			0.029

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.914	0.037
Vertical Accuracy LE90 (meters)	0.497	0.047

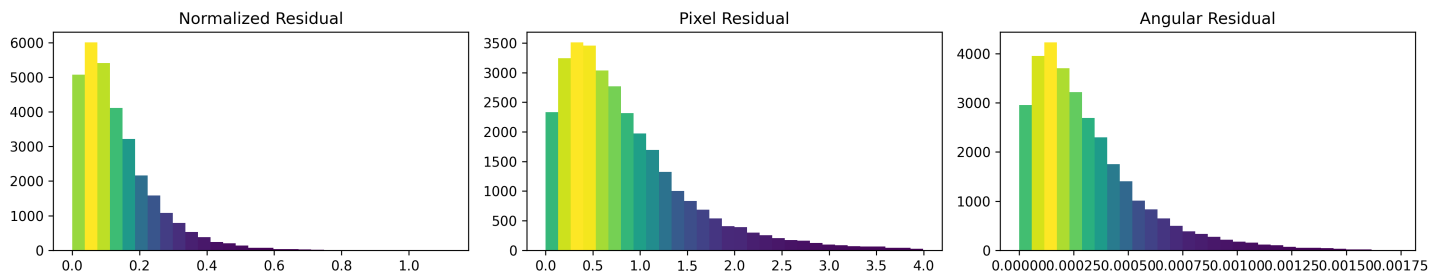
Features Details



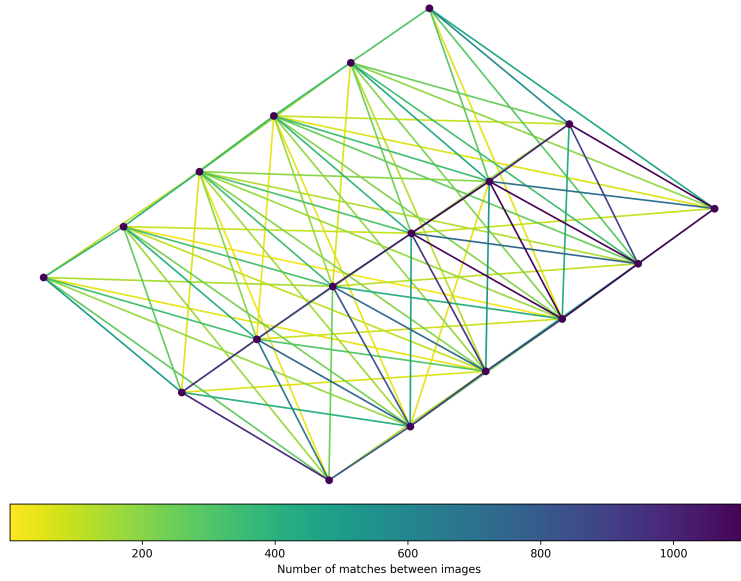
	Min.	Max.	Mean	Median
Detected	6307	8959	8045	8094
Reconstructed	748	3128	1762	1938

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.13 / 0.83 / 0.00031
Average Track Length	3.02 images
Average Track Length (> 2)	4.06 images



Tracks Details



Length	2	3	4	5	6	7	8	9
Count	5325	2263	1364	920	382	163	87	11

Camera Models Details

v2 dji fc300s 4000 2250 brown 0.5555

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.5556	1.0000	0.0000	0.0000
Optimized	0.0132	0.0037	0.0081	-0.0007	0.0019	0.5582	1.0000	-0.0041	0.0086

