

ODM Quality Report

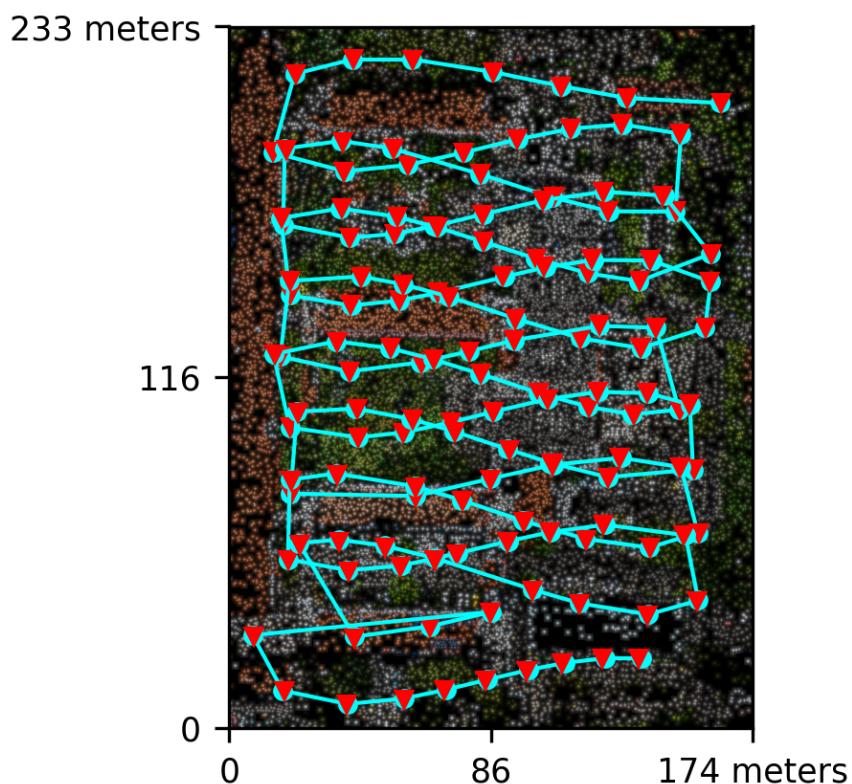
Processed with ODM version 3.5.5

Dataset Summary

Date	19/05/2025 at 09:49:30
Area Covered	0.033147 km ²
Processing Time	52.0s
Capture Start	19/05/2025 at 14:27:24
Capture End	19/05/2025 at 14:47:10

Processing Summary

Reconstructed Images	132 over 132 shots (100.0%)
Reconstructed Points (Sparse)	43348 over 44624 points (97.1%)
Detected Features	2,626 features
Average Ground Sampling Distance (GSD)	5.5 cm
Reconstructed Features	1,521 features
Geographic Reference	GPS
GPS errors	0.52 meters

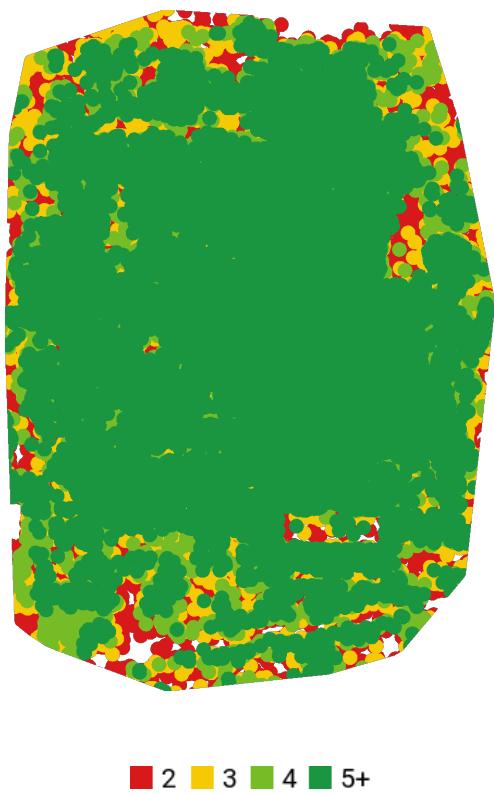


Previews



Orthophoto

Survey Data



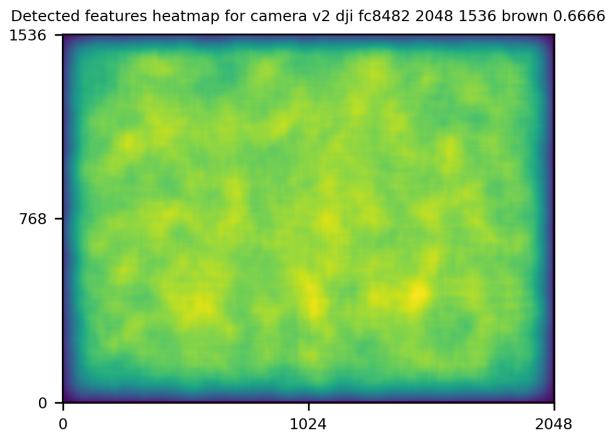
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	0.001	0.327	0.327
Y Error (meters)	0.000	0.190	0.190
Z Error (meters)	0.014	0.418	0.418
Total			0.517

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.055	0.114	0.127
Y Error (meters)	0.081	0.179	0.196
Z Error (meters)	0.198	0.413	0.458
Total			0.234

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.569	0.218
Vertical Accuracy LE90 (meters)	0.614	0.400

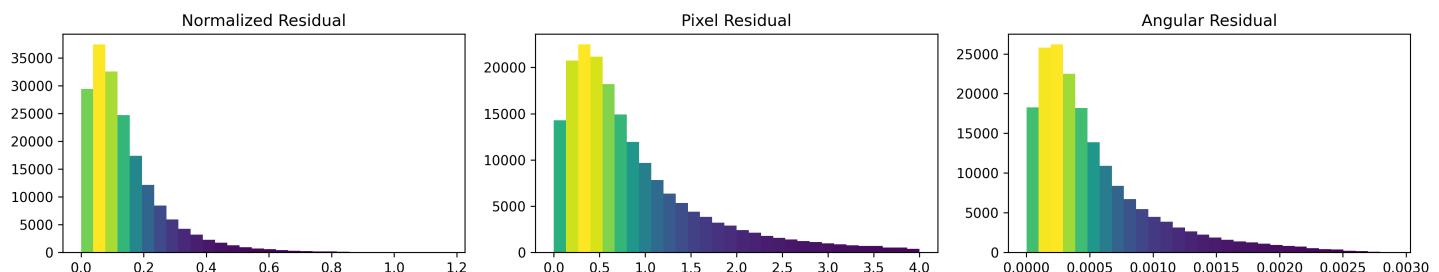
Features Details



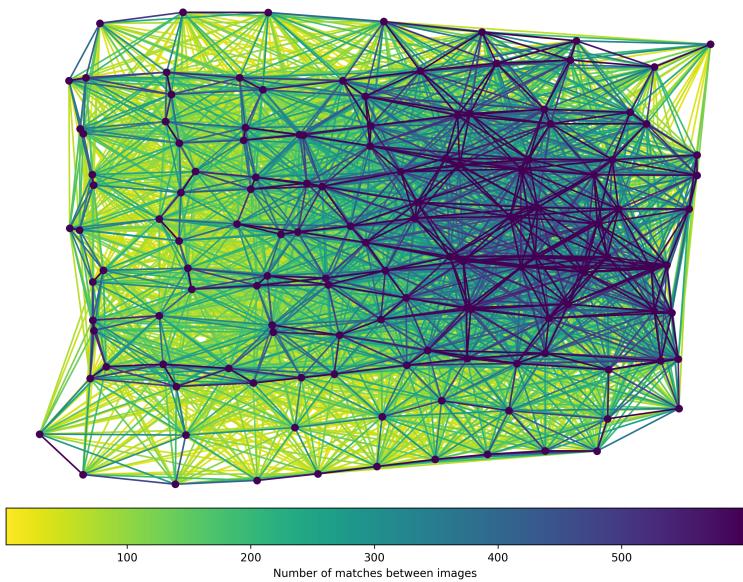
	Min.	Max.	Mean	Median
Detected	2113	3021	2631	2626
Reconstructed	721	2006	1479	1521

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.14 / 0.86 / 0.00053
Average Track Length	4.51 images
Average Track Length (> 2)	7.01 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	21665	6853	3899	2313	1607	1192	864	691	580

Camera Models Details

v2 dji fc8482 2048 1536 brown 0.6666

	k1	k2	k3	p1	p2	focal	aspect_ratio) cy	
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6667	1.0000	0.0000	0.0000
Optimized	0.0520	-0.0635	0.0239	-0.0001	0.0002	0.6739	1.0000	0.0023	-0.0032

