

ODM Quality Report

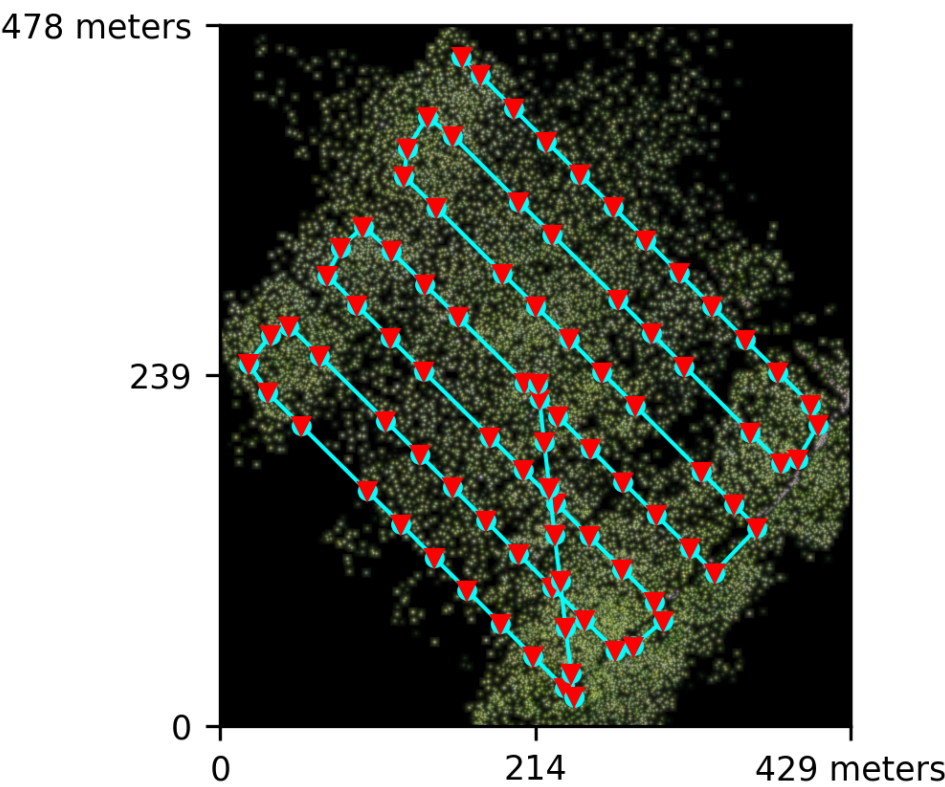
Processed with ODM version 3.5.6

Dataset Summary

Date	07/08/2025 at 19:51:48
Area Covered	0.169536 km²
Processing Time	12.0m:24.0s
Capture Start	27/07/2025 at 10:30:04
Capture End	27/07/2025 at 10:35:18

Processing Summary

Reconstructed Images	89 over 98 shots (90.8%)
Reconstructed Points (Sparse)	29366 over 34304 points (85.6%)
Detected Features	10,000 features
Average Ground Sampling Distance (GSD)	2.2 cm
Reconstructed Features	294 features
Geographic Reference	GPS
GPS errors	0.10 meters

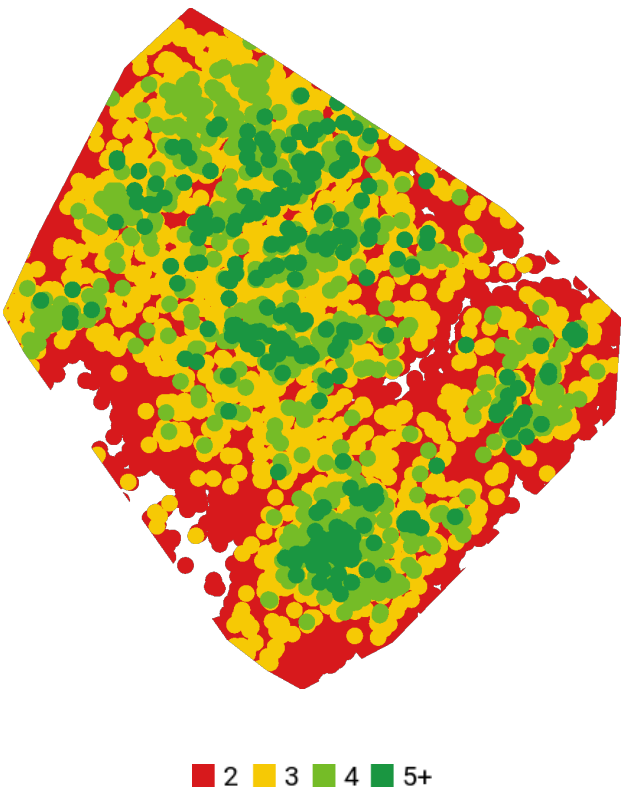


Previews



Orthophoto

Survey Data



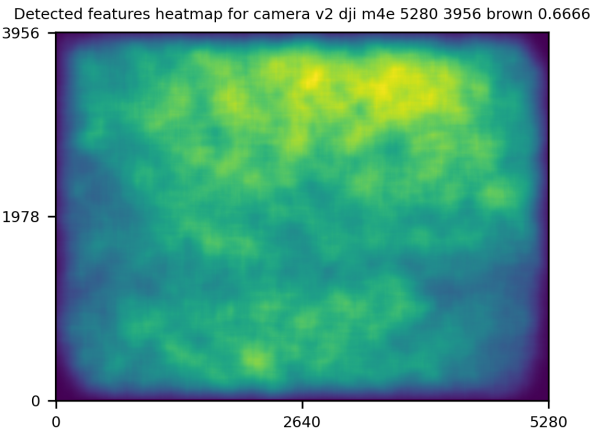
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	0.000	0.037	0.037
Y Error (meters)	-0.000	0.030	0.030
Z Error (meters)	-0.000	0.142	0.142
Total			0.098

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.220	0.491	0.538
Y Error (meters)	0.357	0.725	0.808
Z Error (meters)	0.470	1.332	1.413
Total			0.712

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.064	1.339
Vertical Accuracy LE90 (meters)	0.273	0.816

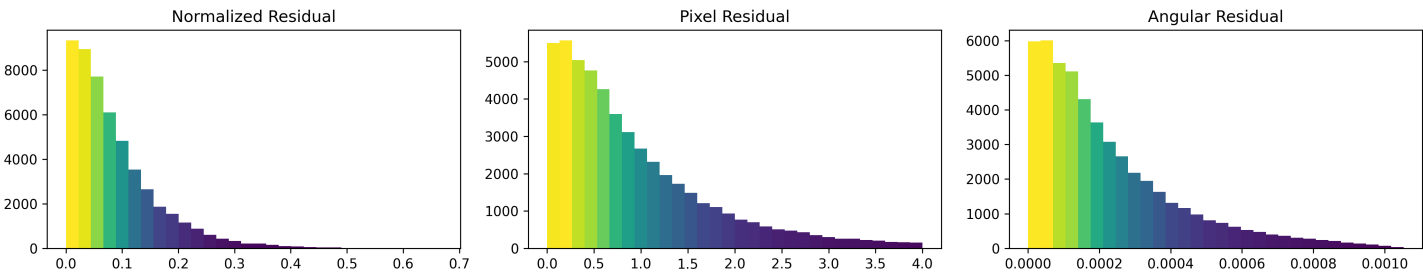
Features Details



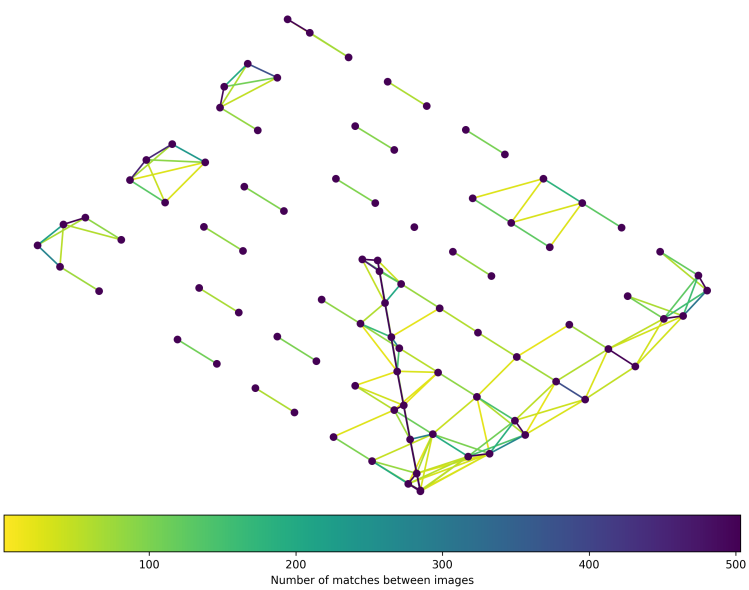
	Min.	Max.	Mean	Median
Detected	10000	10000	10000	10000
Reconstructed	24	4027	728	294

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.09 / 0.92 / 0.00022
Average Track Length	2.21 images
Average Track Length (> 2)	3.36 images



Tracks Details



Length	2	3	4	5	6	7	8	10
Count	24793	3345	936	215	56	14	4	1

Camera Models Details

v2 dji m4e 5280 3956 brown 0.6666

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6667	1.0000	0.0000	0.0000
Optimized	-0.0986	-0.0211	-0.0020	-0.0002	-0.0005	0.7031	1.0000	0.0030	-0.0054

