

ODM Quality Report

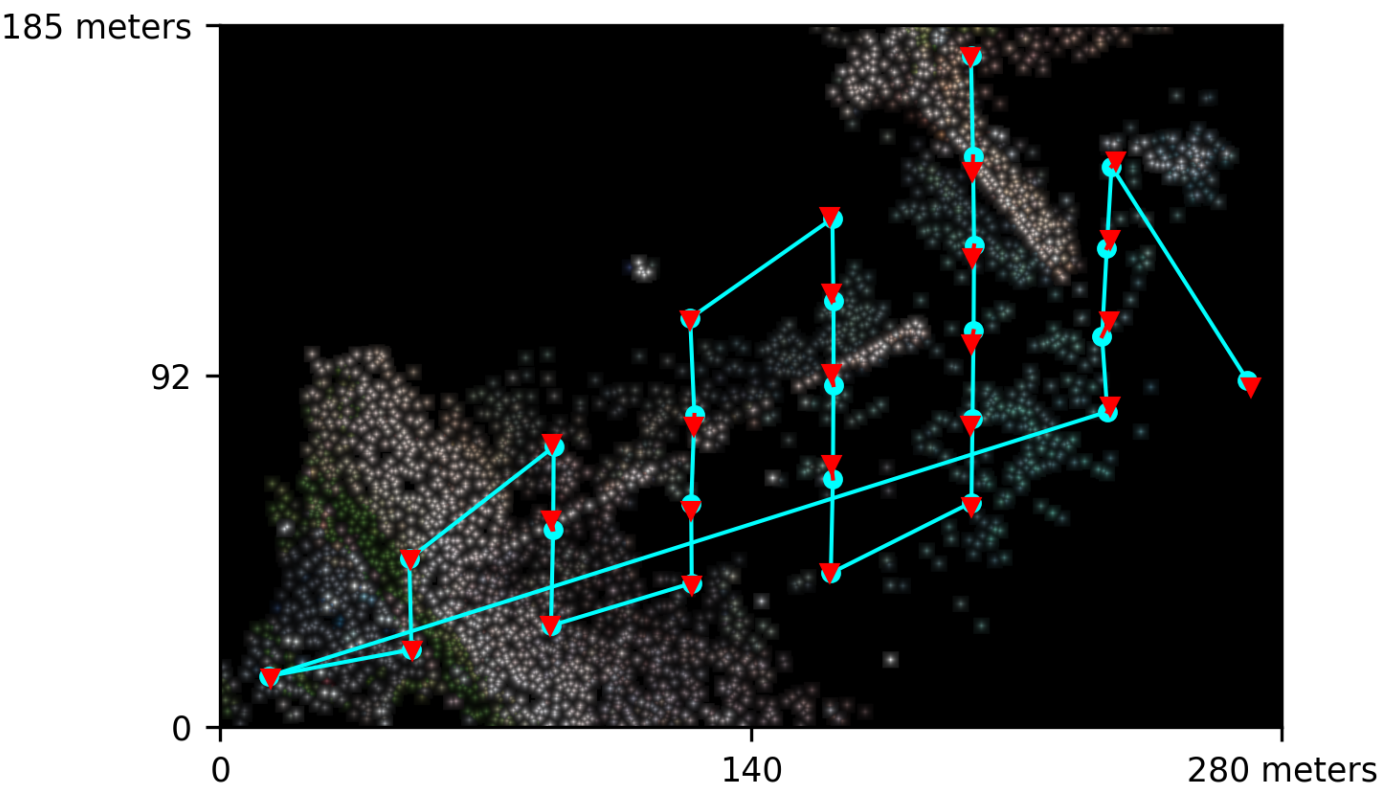
Processed with ODM version 3.5.5

Dataset Summary

Date	15/03/2025 at 05:06:18
Area Covered	0.042261 km²
Processing Time	3.0m:16.0s
Capture Start	21/02/2024 at 18:08:20
Capture End	21/02/2024 at 18:12:05

Processing Summary

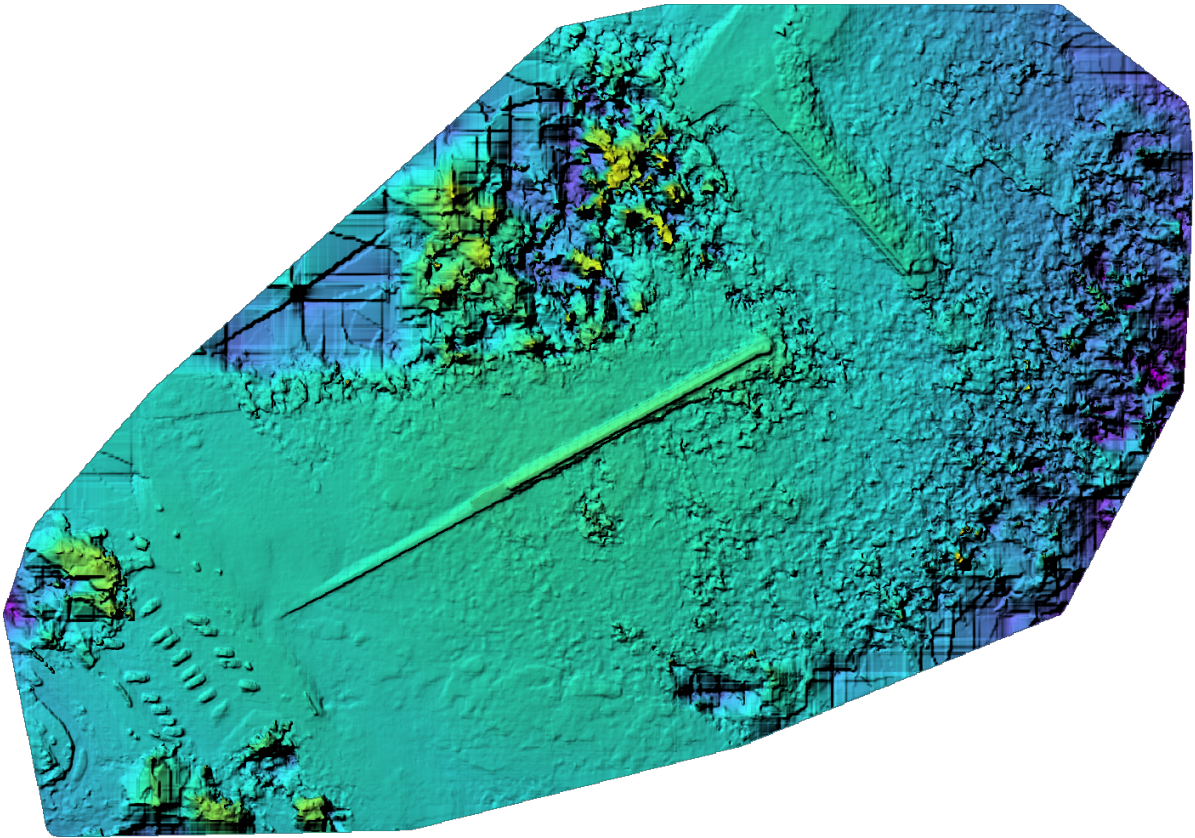
Reconstructed Images	26 over 30 shots (86.7%)
Reconstructed Points (Sparse)	3978 over 4258 points (93.4%)
Reconstructed Points (Dense)	2,549,213 points
Average Ground Sampling Distance (GSD)	6.6 cm
Detected Features	2,461 features
Reconstructed Features	336 features
Geographic Reference	GPS
GPS errors	2.91 meters



Previews



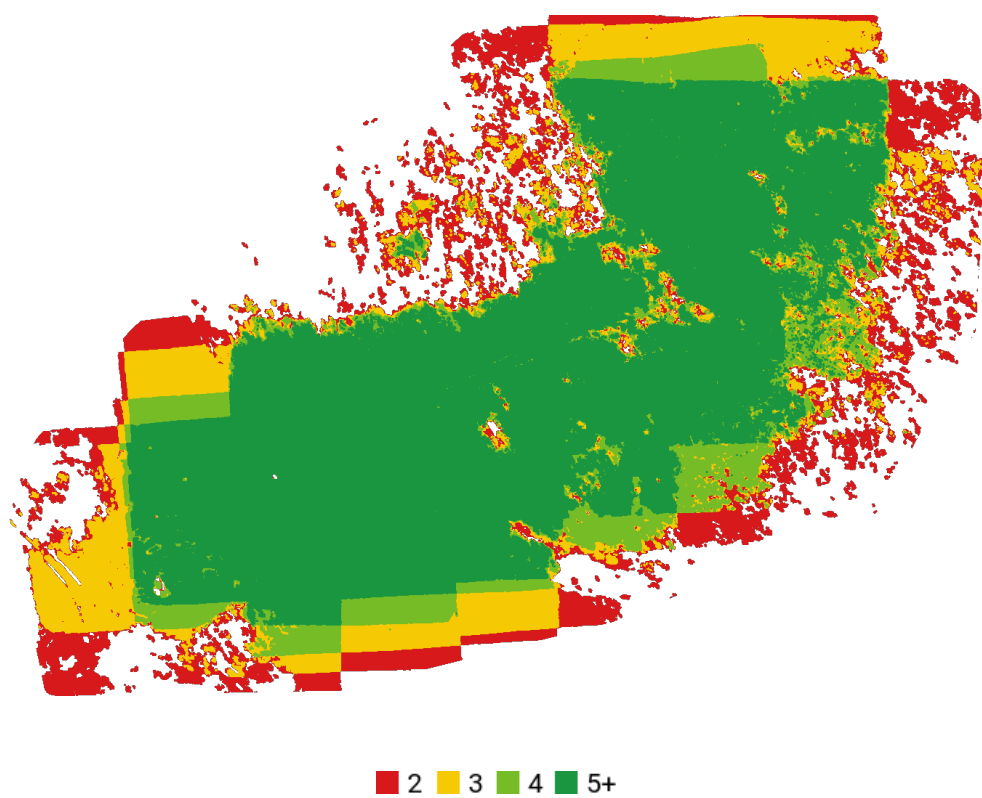
Orthophoto



Digital Surface Model



Survey Data



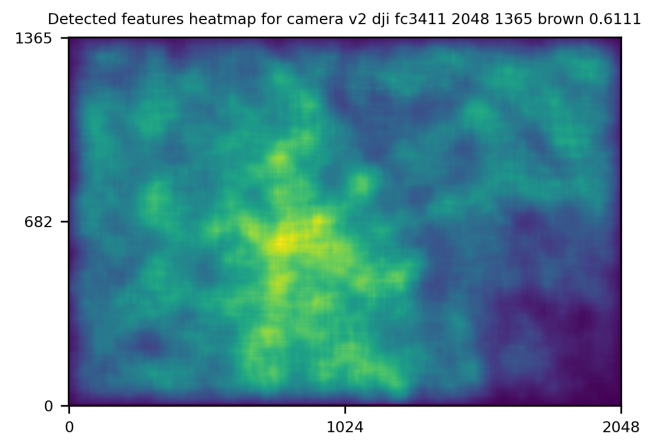
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.001	0.596	0.596
Y Error (meters)	0.002	2.125	2.125
Z Error (meters)	0.000	2.330	2.330
Total			2.914

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.048	0.085	0.097
Y Error (meters)	0.039	0.065	0.076
Z Error (meters)	0.094	0.130	0.160
Total			0.124

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	3.573	0.152
Vertical Accuracy LE90 (meters)	3.189	0.220

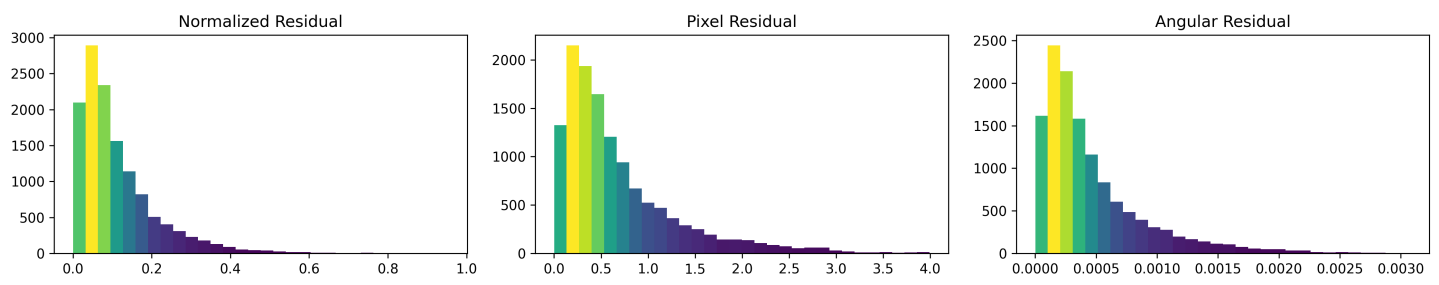
Features Details



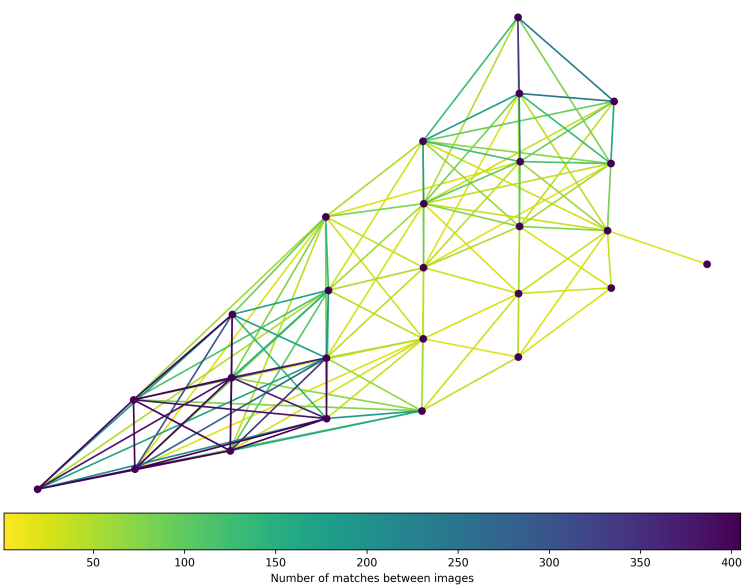
	Min.	Max.	Mean	Median
Detected	1904	2768	2432	2461
Reconstructed	20	1446	509	336

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.11 / 0.68 / 0.00047
Average Track Length	3.33 images
Average Track Length (> 2)	4.44 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	1805	885	433	342	241	159	56	39	11

Camera Models Details

v2 dji fc3411 2048 1365 brown 0.6111

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6111	1.0000	0.0000	0.0000
Optimized	-0.0220	0.0244	0.0319	-0.0003	0.0000	0.6052	1.0000	0.0057	0.0023

