ODM Quality Report

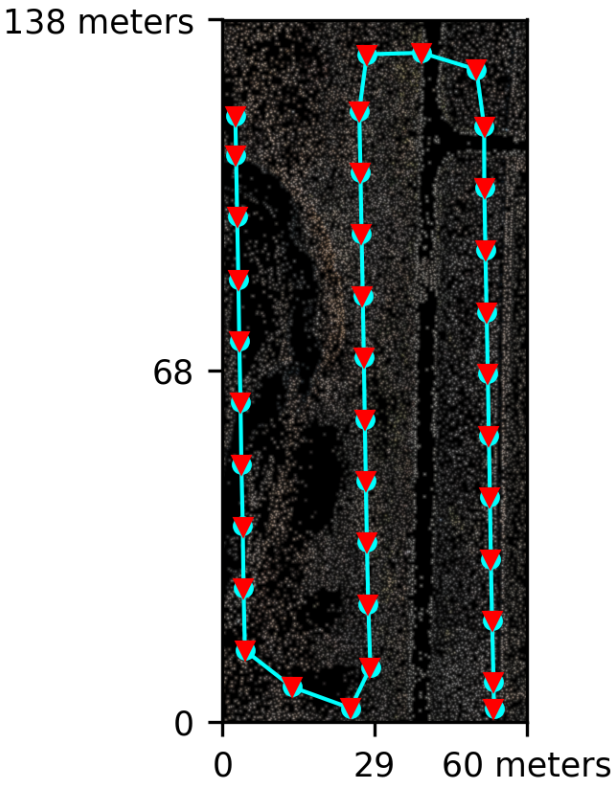
Processed with ODM version 3.5.6

Dataset Summary

Date	05/01/2026 at 18:22:04
Area Covered	0.006533 km²
Processing Time	8.0m:37.0s
Capture Start	29/12/2025 at 15:49:30
Capture End	29/12/2025 at 15:50:53

Processing Summary

Reconstructed Images	36 over 36 shots (100.0%)
Reconstructed Points (Sparse)	54074 over 54713 points (98.8%)
Reconstructed Points (Dense)	2,254,873 points
Average Ground Sampling Distance (GSD)	1.6 cm
Detected Features	10,000 features
Reconstructed Features	5,758 features
Geographic Reference	GPS
GPS errors	0.04 meters



Previews



Orthophoto

Survey Data



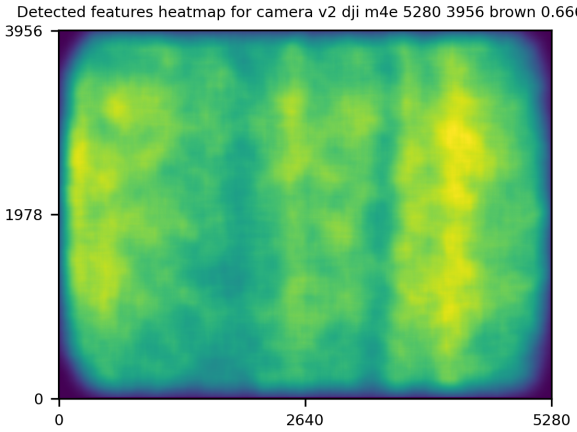
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.001	0.032	0.032
Y Error (meters)	0.001	0.020	0.020
Z Error (meters)	0.000	0.006	0.006
Total			0.036

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.021	0.029	0.036
Y Error (meters)	0.018	0.028	0.033
Z Error (meters)	0.048	0.097	0.108
Total			0.058

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.049	0.059
Vertical Accuracy LE90 (meters)	0.009	0.098

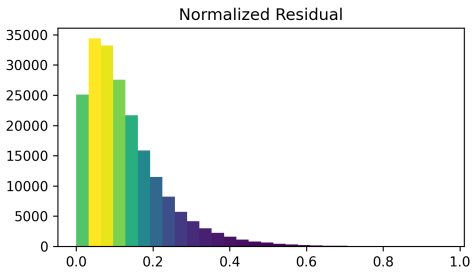
Features Details

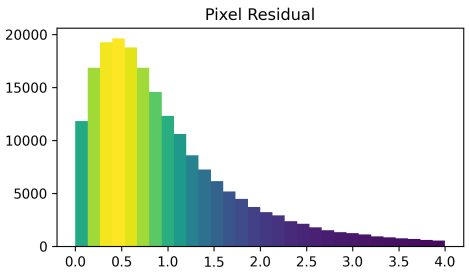


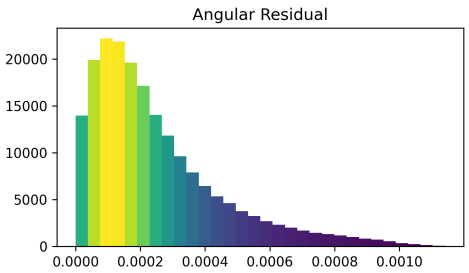
	Min.	Max.	Mean	Median
Detected	10000	10000	10000	10000
Reconstructed	4287	7396	5710	5758

Reconstruction Details

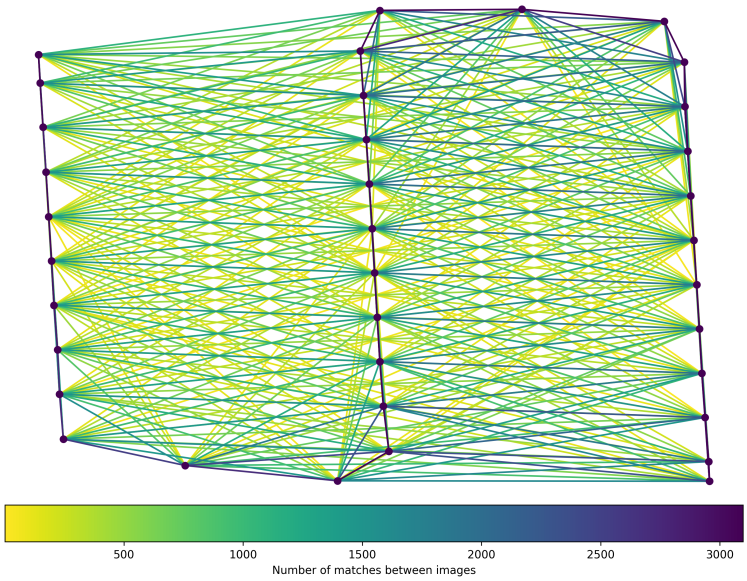
Average Reprojection Error (normalized / pixels / angular)	0.13 / 0.98 / 0.00025
Average Track Length	3.80 images
Average Track Length (> 2)	5.18 images







Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	23459	10514	6233	4500	2627	1668	1319	1081	858

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	-0.0898	-0.0057	-0.0091	-0.0002	-0.0001	0.6588	1.0000	0.0039	-0.0051

