ODM Quality Report

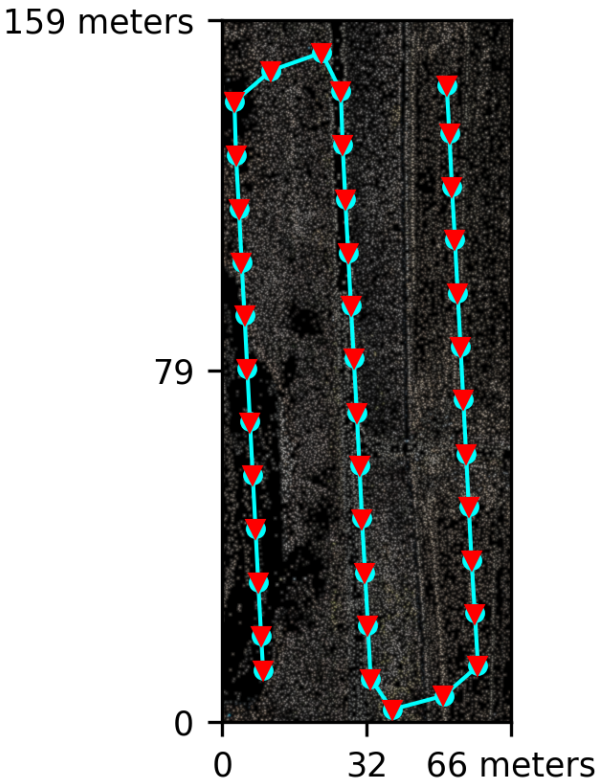
Processed with ODM version 3.5.6

Dataset Summary

Date	05/01/2026 at 18:12:36
Area Covered	0.008249 km²
Processing Time	9.0m:29.0s
Capture Start	29/12/2025 at 15:36:23
Capture End	29/12/2025 at 15:37:56

Processing Summary

Reconstructed Images	40 over 40 shots (100.0%)
Reconstructed Points (Sparse)	60669 over 61234 points (99.1%)
Reconstructed Points (Dense)	2,515,044 points
Average Ground Sampling Distance (GSD)	1.6 cm
Detected Features	10,000 features
Reconstructed Features	6,406 features
Geographic Reference	GPS
GPS errors	0.02 meters



Previews



Orthophoto

Survey Data



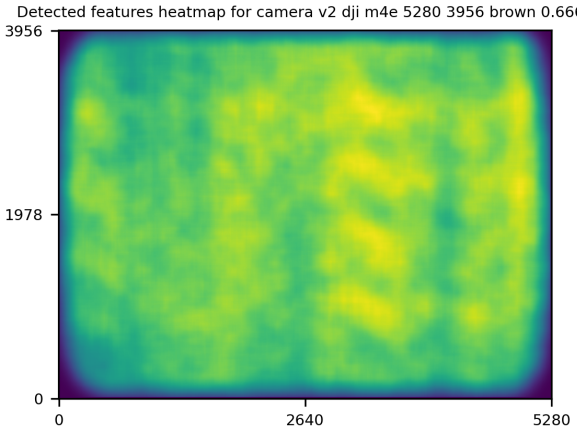
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.001	0.022	0.022
Y Error (meters)	-0.000	0.013	0.013
Z Error (meters)	0.000	0.007	0.007
Total			0.025

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.023	0.044	0.049
Y Error (meters)	0.017	0.055	0.057
Z Error (meters)	0.050	0.130	0.140
Total			0.063

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.037	0.061
Vertical Accuracy LE90 (meters)	0.011	0.102

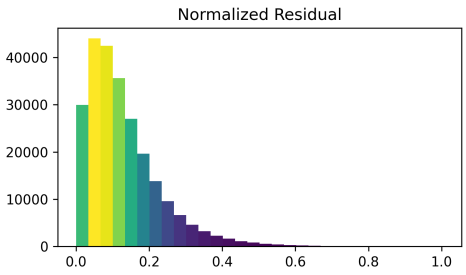
Features Details

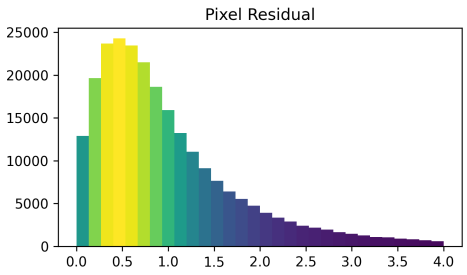


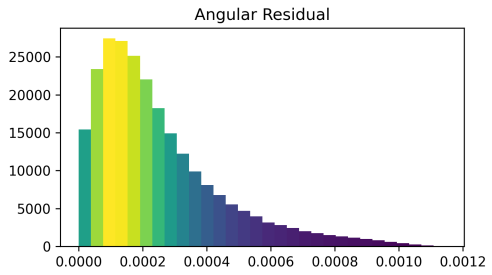
	Min.	Max.	Mean	Median
Detected	10000	10000	10000	10000
Reconstructed	5020	7621	6315	6406

Reconstruction Details

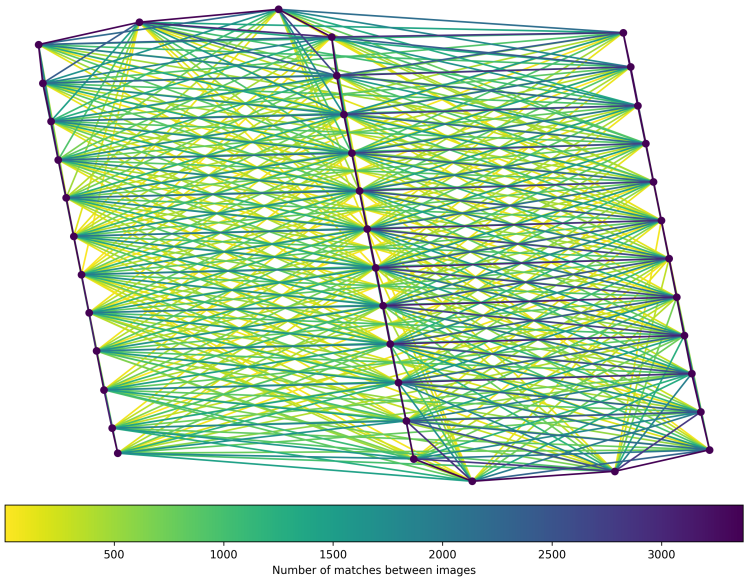
Average Reprojection Error (normalized / pixels / angular)	0.13 / 0.98 / 0.00025
Average Track Length	4.16 images
Average Track Length (> 2)	5.62 images







Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	24378	11467	7107	4839	3052	1988	1801	1291	1299

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	-0.0894	-0.0067	-0.0087	-0.0002	-0.0000	0.6589	1.0000	0.0039	-0.0051

