ODM Quality Report

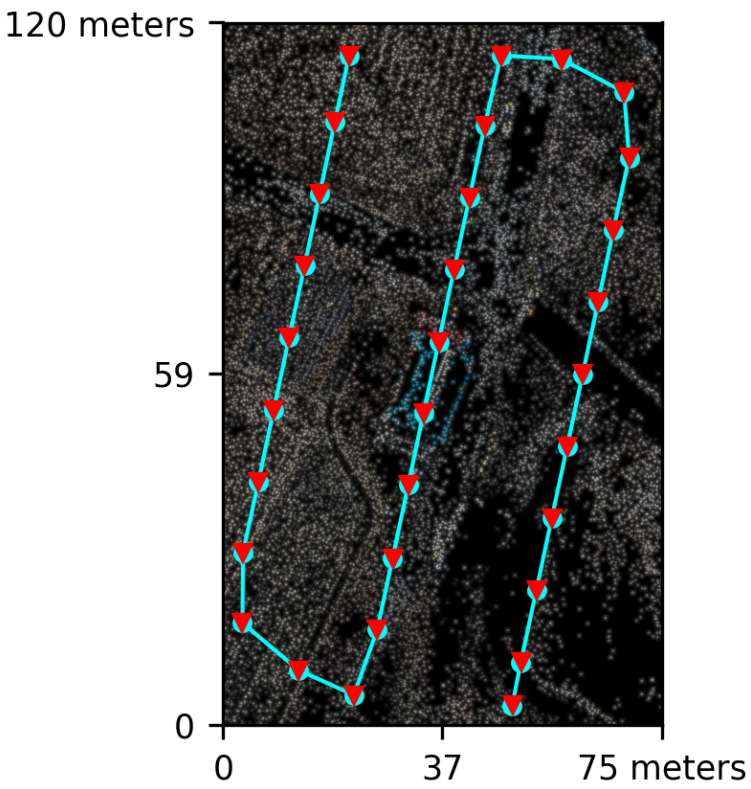
Processed with ODM version 3.5.6

Dataset Summary

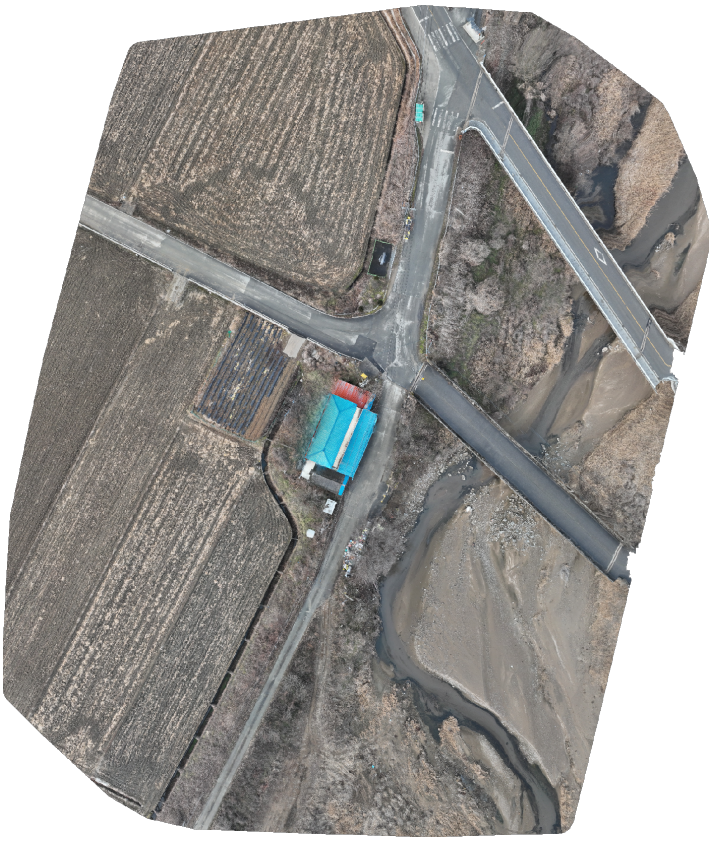
Date	05/01/2026 at 18:02:59
Area Covered	0.007317 km²
Processing Time	8.0m:58.0s
Capture Start	29/12/2025 at 15:28:07
Capture End	29/12/2025 at 15:29:20

Processing Summary

Reconstructed Images	31 over 31 shots (100.0%)
Reconstructed Points (Sparse)	44504 over 45246 points (98.4%)
Reconstructed Points (Dense)	1,917,765 points
Average Ground Sampling Distance (GSD)	1.6 cm
Detected Features	10,000 features
Reconstructed Features	6,400 features
Geographic Reference	GPS
GPS errors	0.06 meters

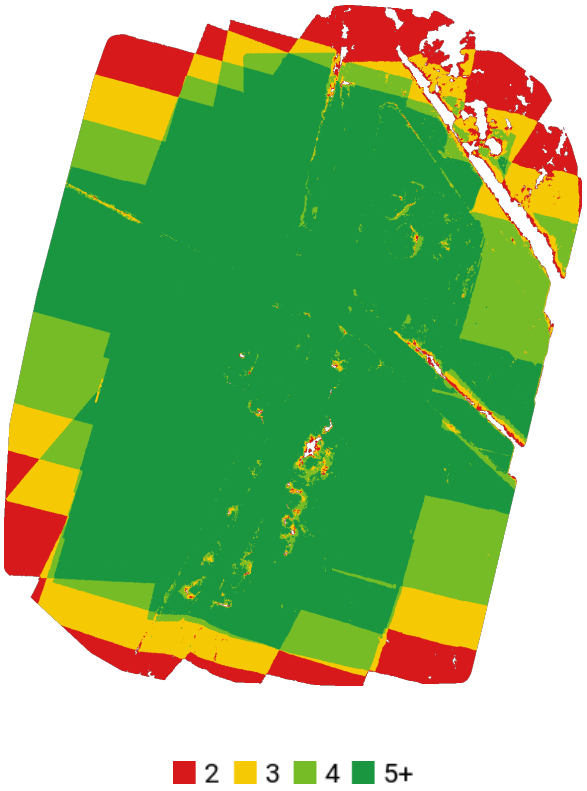


Previews



Orthophoto

Survey Data



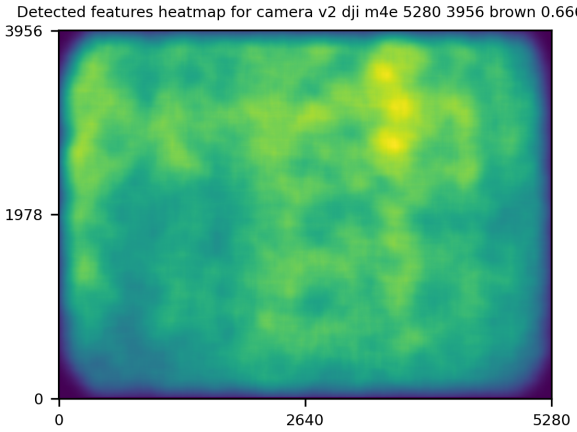
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.004	0.026	0.026
Y Error (meters)	-0.005	0.031	0.032
Z Error (meters)	-0.000	0.051	0.051
Total			0.061

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.019	0.053	0.056
Y Error (meters)	0.013	0.033	0.036
Z Error (meters)	0.035	0.095	0.101
Total			0.047

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.057	0.051
Vertical Accuracy LE90 (meters)	0.073	0.070

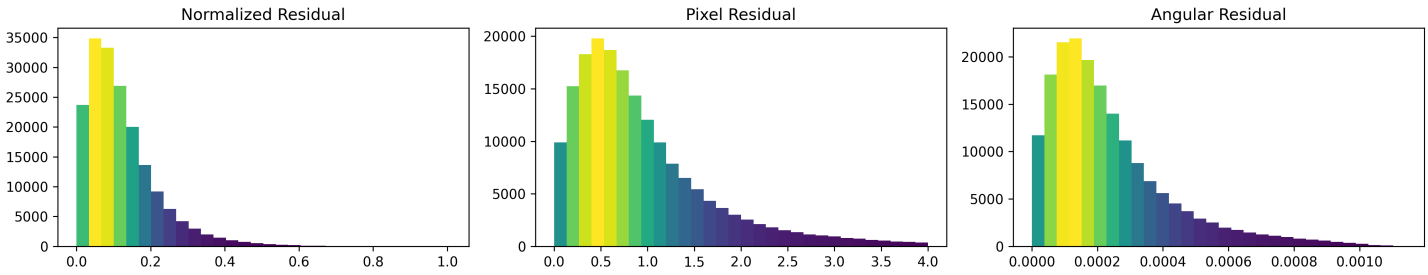
Features Details



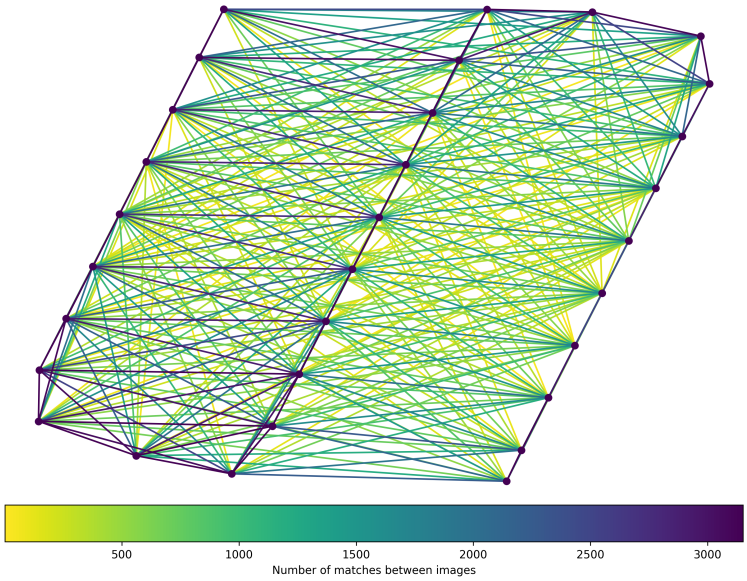
	Min.	Max.	Mean	Median
Detected	10000	10000	10000	10000
Reconstructed	4382	7234	6036	6400

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.12 / 0.93 / 0.00024
Average Track Length	4.20 images
Average Track Length (> 2)	5.61 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	17304	8327	5124	3513	2496	1807	1390	1243	933

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	-0.0873	-0.0060	-0.0105	-0.0002	-0.0000	0.6604	1.0000	0.0039	-0.0051

