ODM Quality Report

Dataset Summary

Date	01/12/2025 at 12:56:21
Area Covered	0.000111 km²
Processing Time	2.0h:55.0m:31.0s
Capture Start	14/10/2024 at 12:41:00
Capture End	14/10/2024 at 12:43:48

Processing Summary

Reconstructed Images	176 over 189 shots (93.1%)
Reconstructed Points (Sparse)	174863 over 263849 points (66.3%)
Reconstructed Points (Dense)	57,726,675 points
Average Ground Sampling Distance (GSD)	0.0 cm
Detected Features	10,000 features
Reconstructed Features	6,354 features
Geographic Reference	GPS
GPS errors	4.21 meters

Previews

Orthophoto
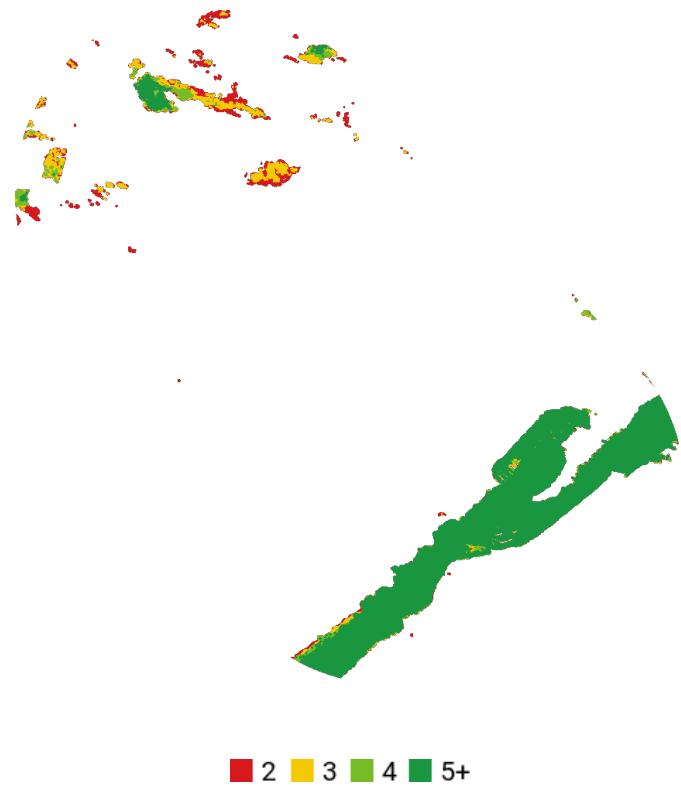
Digital Surface Model

-8.64m   16.34m

Survey Data

■ 2 ■ 3 ■ 4 ■ 5+
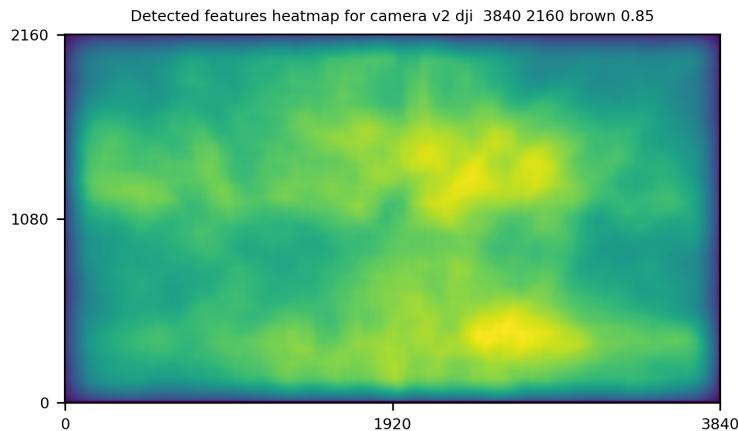
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	0.018	3.680	3.680
Y Error (meters)	-0.050	3.519	3.520
Z Error (meters)	-0.105	0.095	0.141
Total			4.211

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.011	0.043	0.044
Y Error (meters)	0.026	0.114	0.117
Z Error (meters)	0.011	0.039	0.041
Total			0.036

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	9.047	0.067
Vertical Accuracy LE90 (meters)	0.241	0.022

Features Details

Detected features heatmap for camera v2 dji 3840 2160 brown 0.85
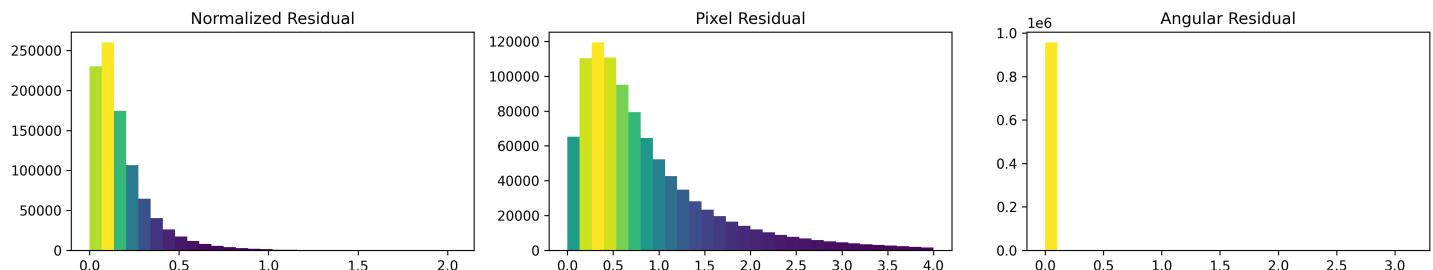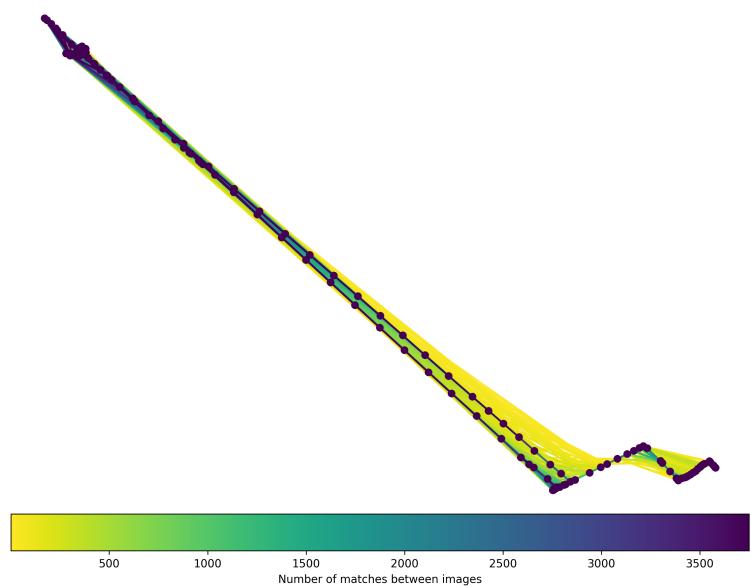
	Min.	Max.	Mean	Median
Detected	10000	10000	10000	10000
Reconstructed	501	8831	5671	6354

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.18 / 0.85 / 0.00036
Average Track Length	5.71 images
Average Track Length (> 2)	7.58 images

Tracks Details

Length	2	3	4	5	6	7	8	9	10
Count	58762	33110	21494	13065	8291	6675	5318	4042	3271

Camera Models Details

v2 dji 3840 2160 brown 0.85

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.8500	1.0000	0.0000	0.0000
Optimized	-0.0690	0.0471	0.0219	-0.0010	0.0012	0.6370	1.0000	0.0045	0.0050