Quality Report

Dataset Summary

Date	25/02/2026 at 12:05:49
Area Covered	0.011033 km²
Processing Time	49.0m:25.0s
Capture Start	25/02/2026 at 14:31:28
Capture End	25/02/2026 at 14:44:14
Coordinate Reference System	WGS 84 / UTM zone 38N

Processing Summary
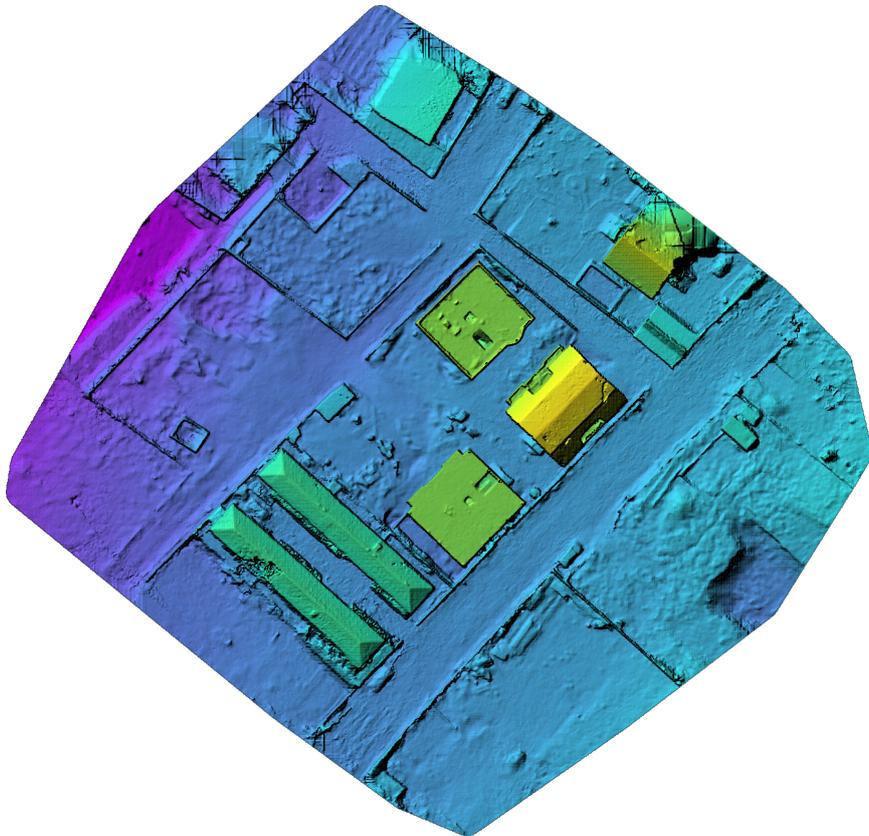
Reconstructed Images	154 over 154 shots (100.0%)
Reconstructed Points (Sparse)	169859 over 170492 points (99.6%)
Reconstructed Points (Dense)	10,356,110 points
Average Ground Sampling Distance	0.9 cm
Detected Features	5,205 features
Reconstructed Features	4,751 features
Geographic Reference	Alignment
Alignment errors	1.29 meters
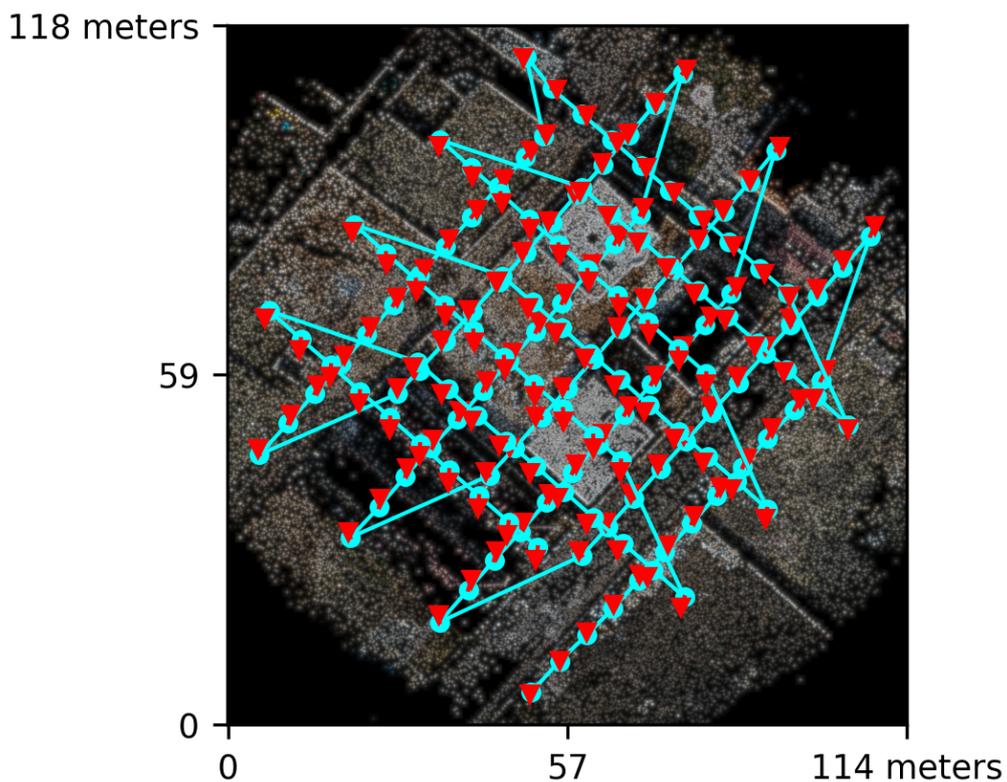
Previews

Orthophoto

Digital Surface Model

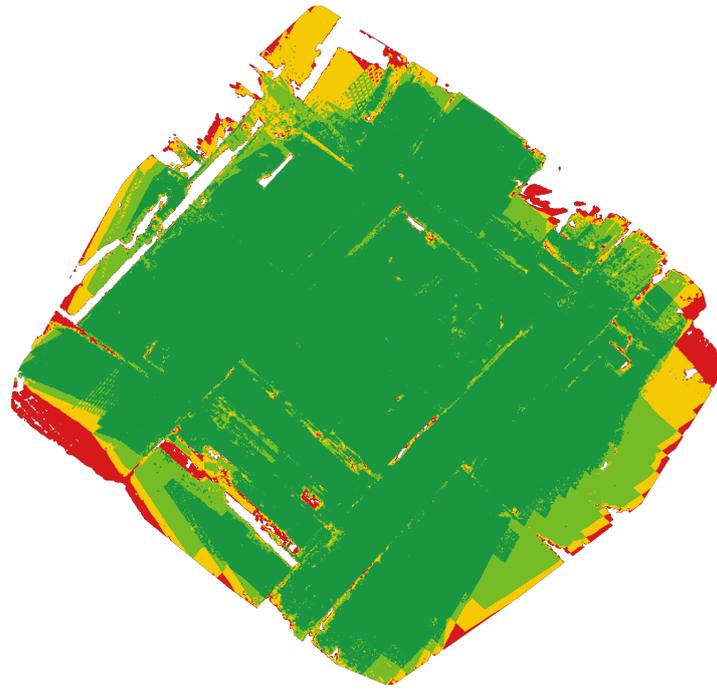**1,361.78m**   **1,386.61m**
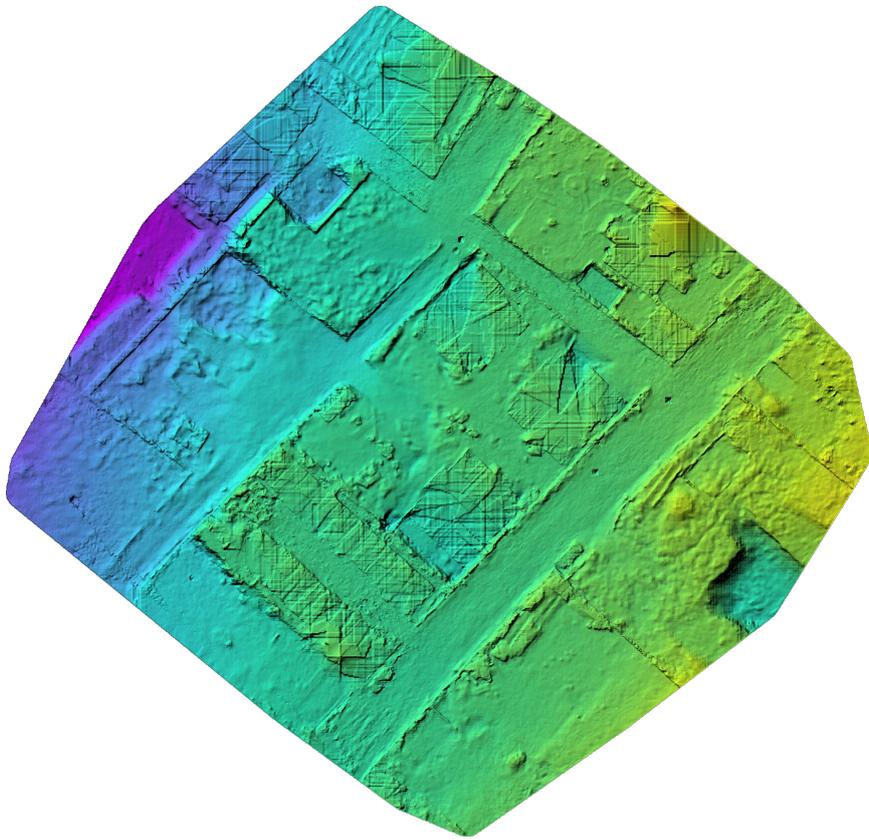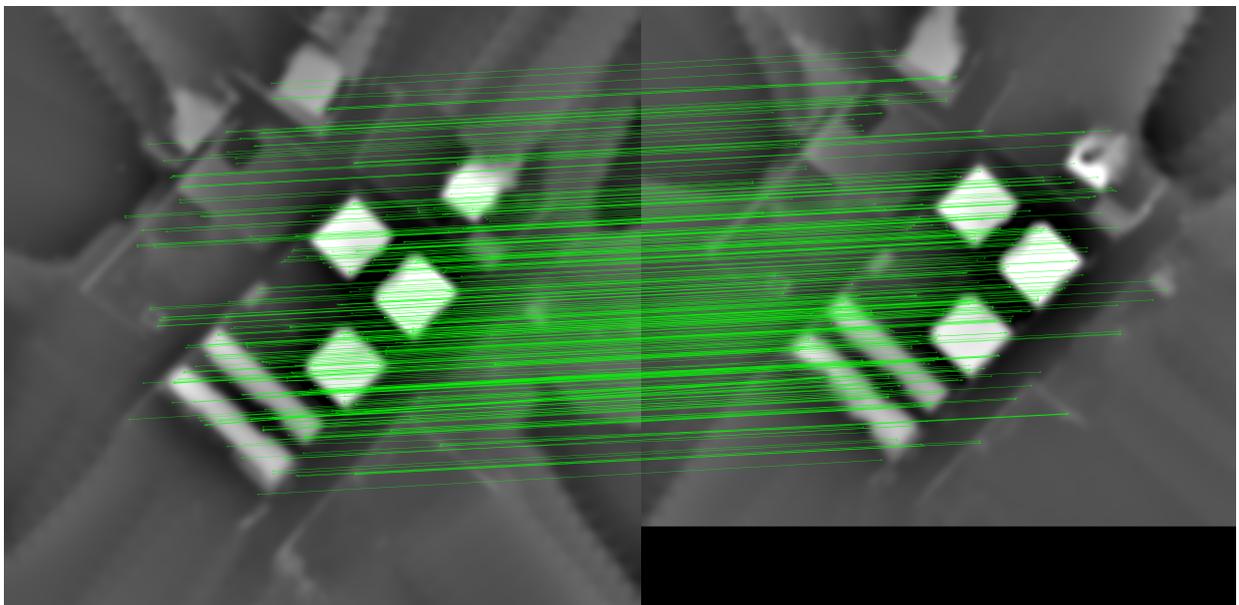
Digital Terrain Model

1,361.78m   1,374.04m

Survey Data

2   3   4   5+

Alignment Errors Details

	DSM (Coarse)	ICP (Fine)	RMS Error
X Error (meters)	0.558	0.100	0.659
Y Error (meters)	0.675	0.110	0.785
Z Error (meters)	0.685	0.101	0.786
3D Error (meters)	1.112	0.180	1.292

Features Details

Detected features heatmap for camera v2 dji fc3411 5472 3648 brown 0.6111
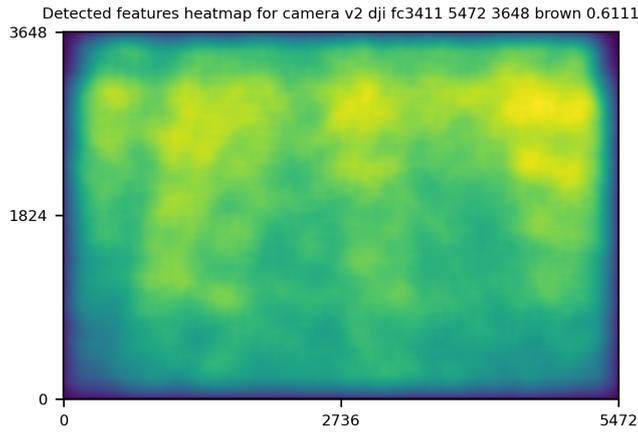
	Min.	Max.	Mean	Median
Detected	742	6837	5061	5205
Reconstructed	618	6398	4639	4751

Reconstruction Details

Average Reprojection Error (norm / pixels / angular)	0.16 / 1.08 / 0.00026
Average Track Length	4.21 images
Average Track Length (> 2)	6.28 images

Normalized Residual

Pixel Residual

Angular Residual
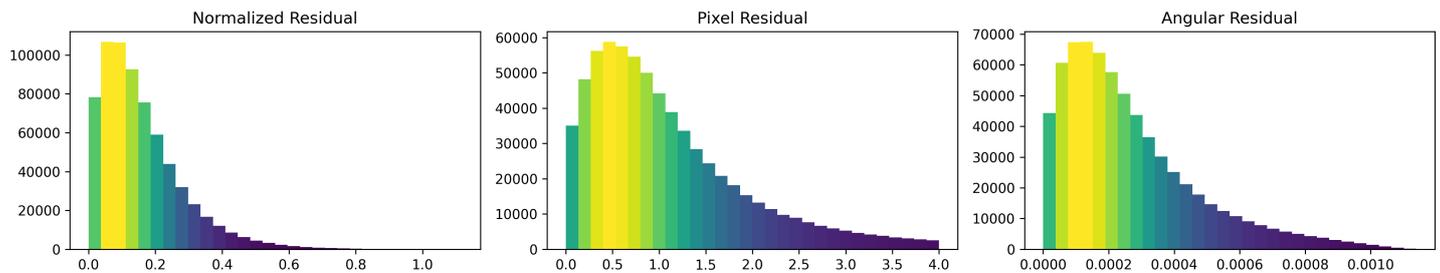
Tracks Details
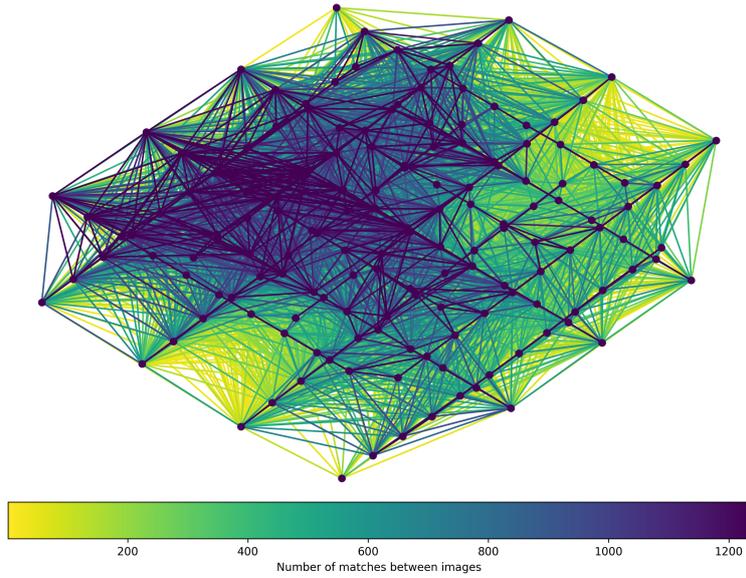
Length	2	3	4	5	6	7	8	9	10
Count	82297	31411	16617	10049	6538	4336	3217	2338	1913

Camera Models Details

v2 dji fc3411 5472 3648 brown 0.6111

	k1	k2	k3	p1	p2	focal	aspect	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6111	1.0000	0.0000	0.0000
Optimized	-0.0717	0.0554	0.0142	0.0003	0.0003	0.6391	1.0000	0.0030	0.0018