

ODM Quality Report

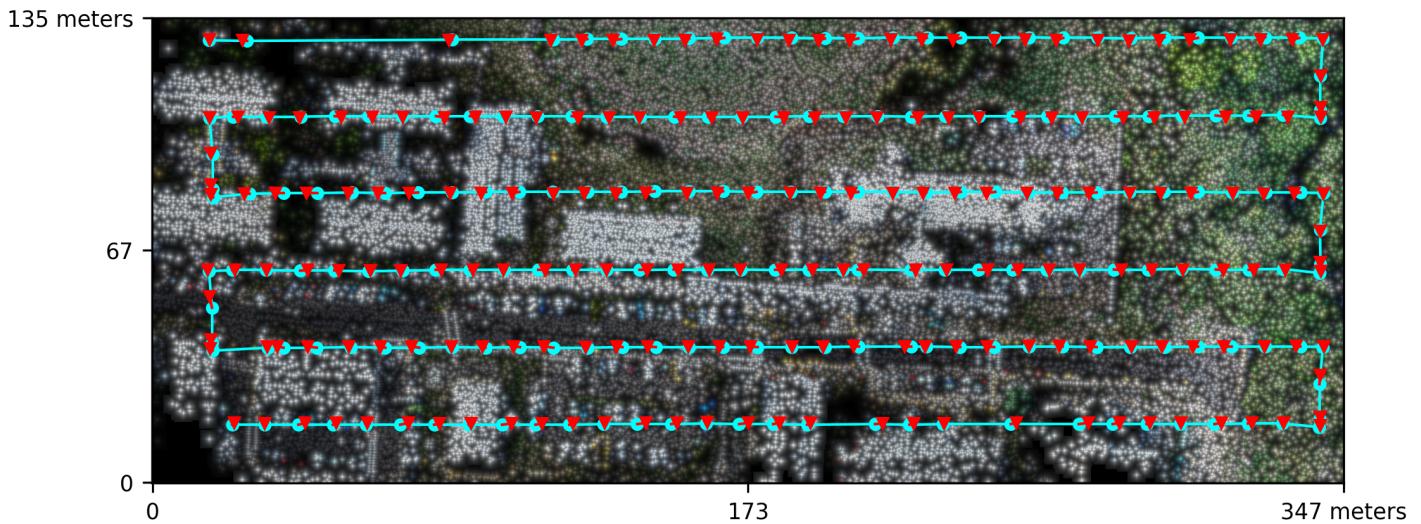
Processed with ODM version 3.5.5

Dataset Summary

Date	30/05/2025 at 19:22:30
Area Covered	0.036800 km ²
Processing Time	13.0m:9.0s
Capture Start	23/05/2024 at 15:31:07
Capture End	23/05/2024 at 15:42:38

Processing Summary

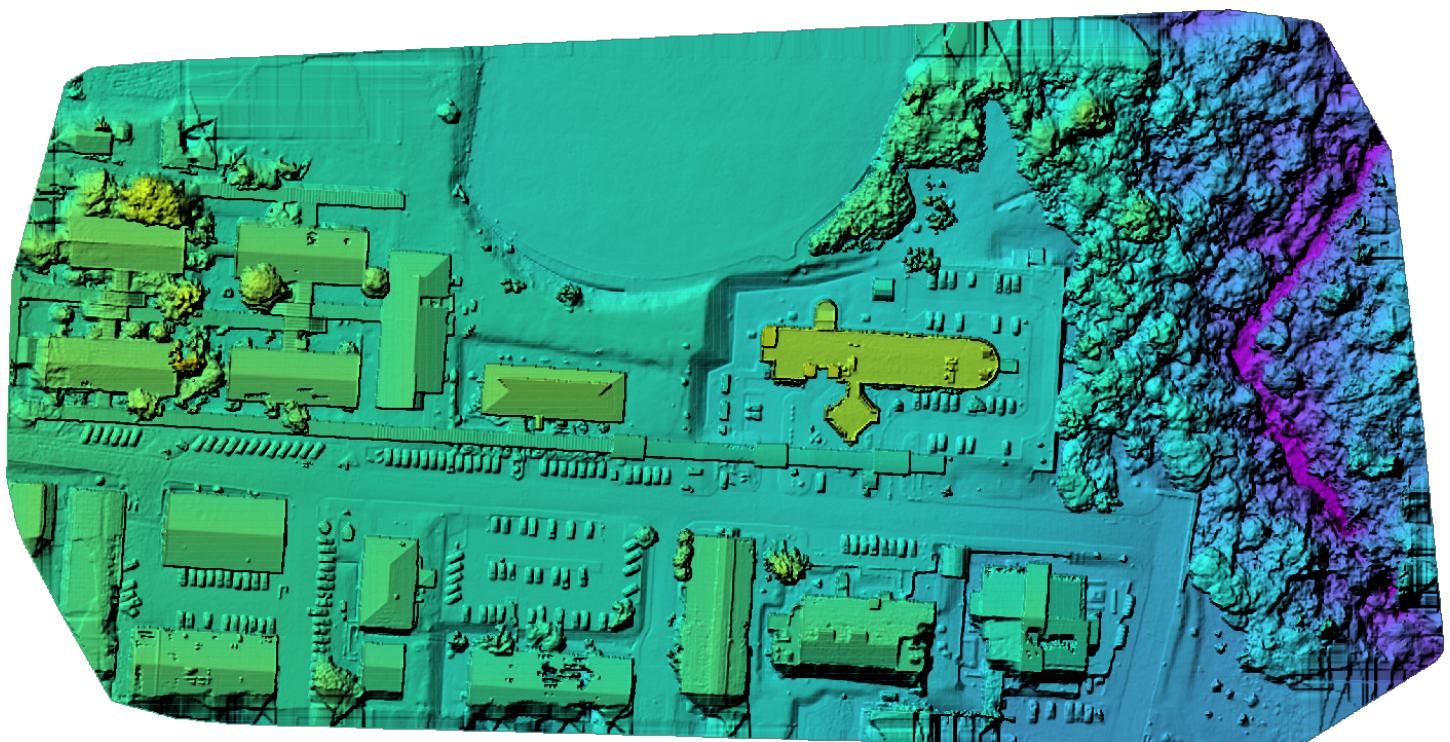
Reconstructed Images	203 over 203 shots (100.0%)
Reconstructed Points (Sparse)	60420 over 62734 points (96.3%)
Reconstructed Points (Dense)	25,977,688 points
Average Ground Sampling Distance (GSD)	3.5 cm
Detected Features	2,200 features
Reconstructed Features	1,202 features
Geographic Reference	GPS
GPS errors	1.42 meters



Previews



Orthophoto



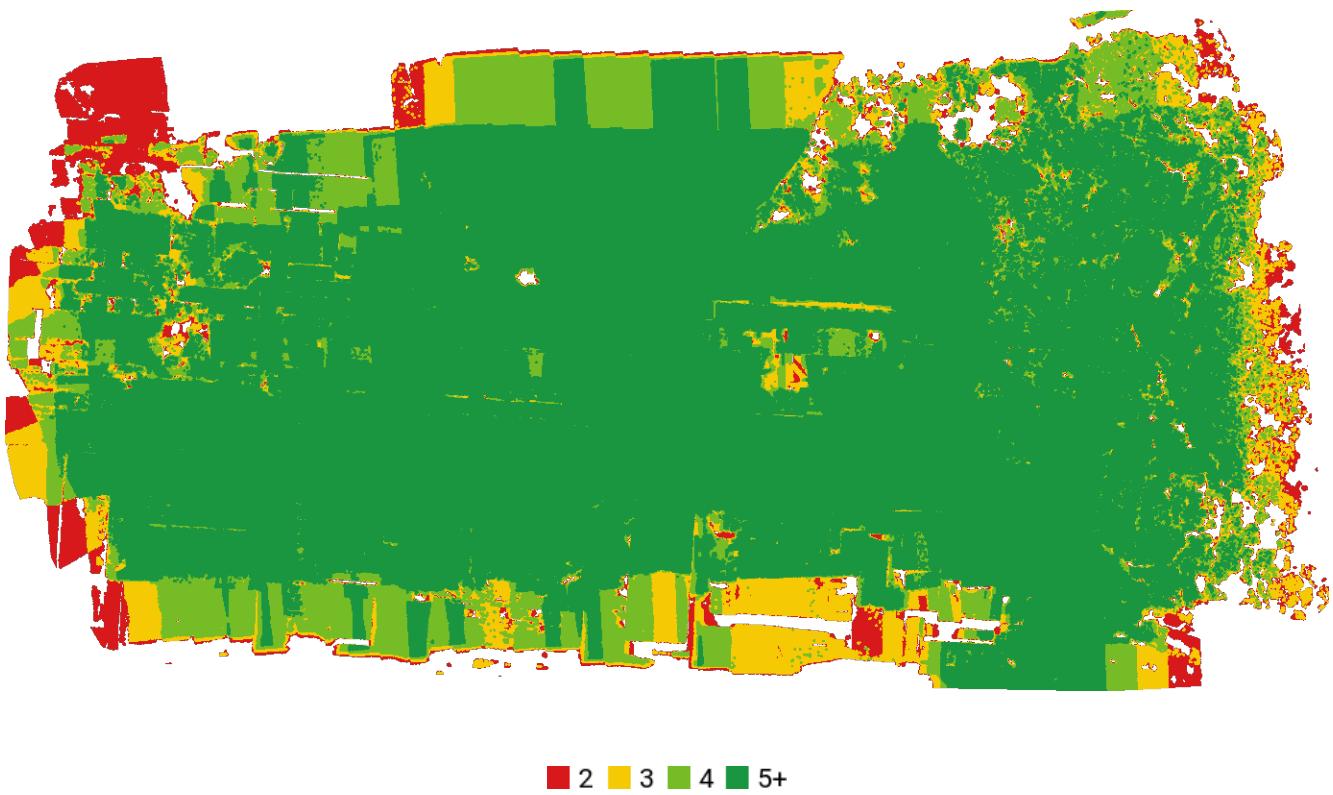
Digital Surface Model



1,353.89m

1,407.21m

Survey Data



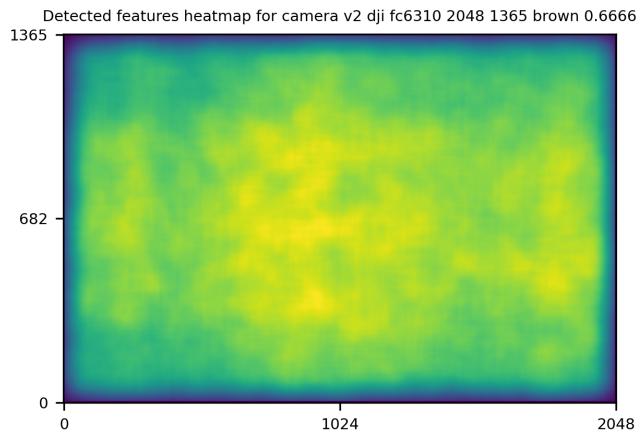
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	0.001	1.429	1.429
Y Error (meters)	0.003	0.462	0.462
Z Error (meters)	-0.004	0.550	0.550
Total			1.423

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.024	0.103	0.106
Y Error (meters)	0.029	0.058	0.065
Z Error (meters)	0.063	0.156	0.168
Total			0.085

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	2.402	0.078
Vertical Accuracy LE90 (meters)	0.832	0.127

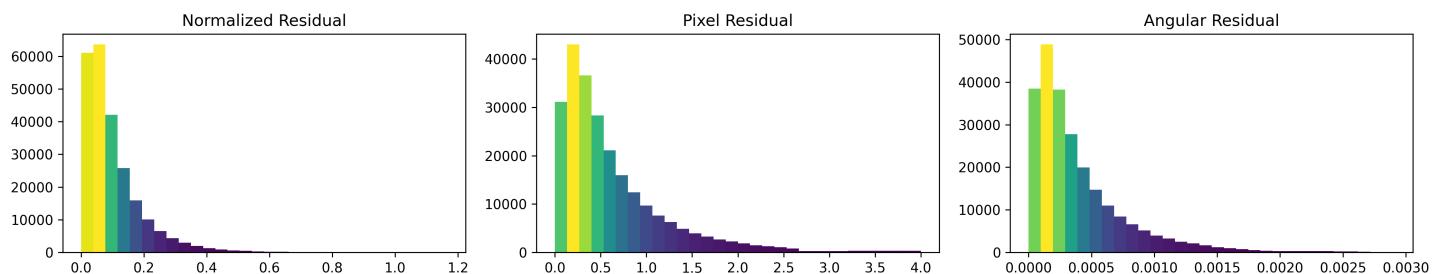
Features Details



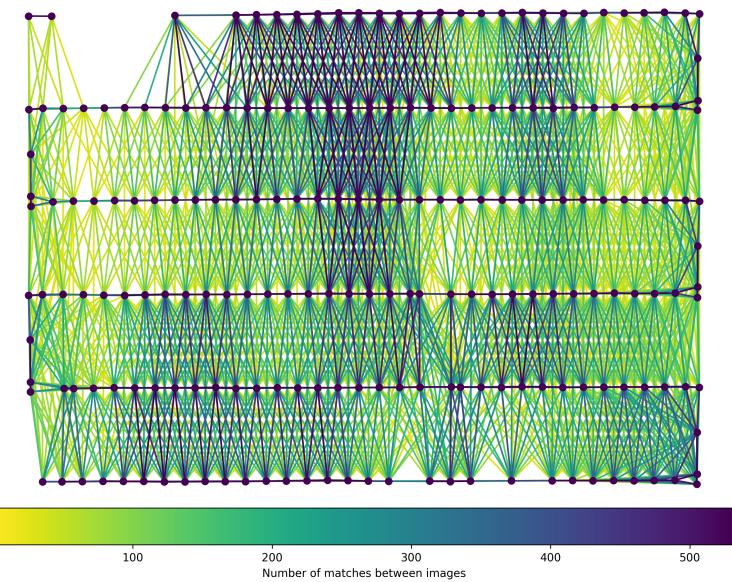
	Min.	Max.	Mean	Median
Detected	1314	3654	2259	2200
Reconstructed	413	2167	1222	1202

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.10 / 0.63 / 0.00040
Average Track Length	4.11 images
Average Track Length (> 2)	5.60 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	25060	11179	6802	4627	2707	2125	1923	1559	1222

Camera Models Details

v2 dji fc6310 2048 1365 brown 0.6666

	k1	k2	k3	p1	p2	focal	aspect_ratio) cy	
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6667	1.0000	0.0000	0.0000
Optimized	-0.0022	-0.0038	0.0032	-0.0004	0.0047	0.6664	1.0000	0.0072	0.0035

