ODM Quality Report

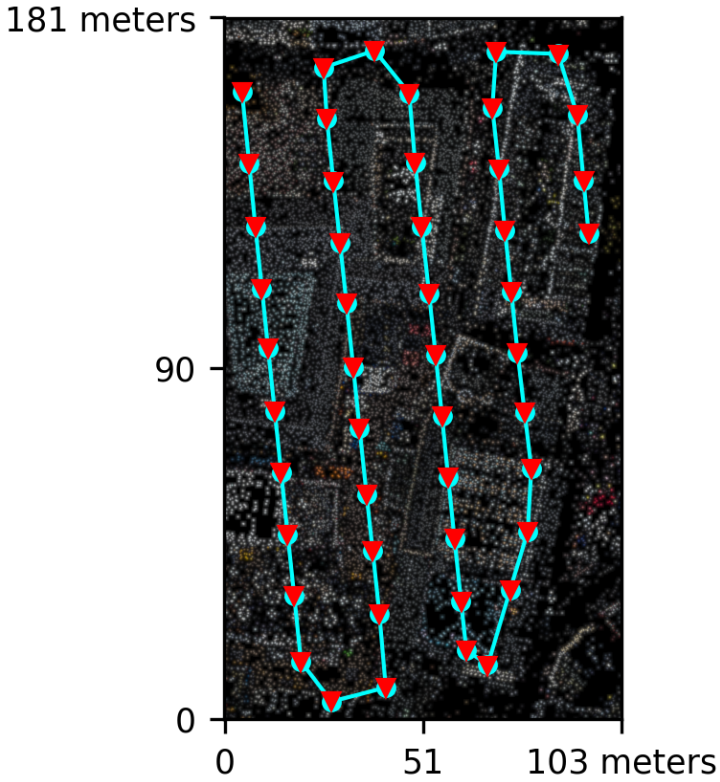
Processed with ODM version 3.5.4

Dataset Summary

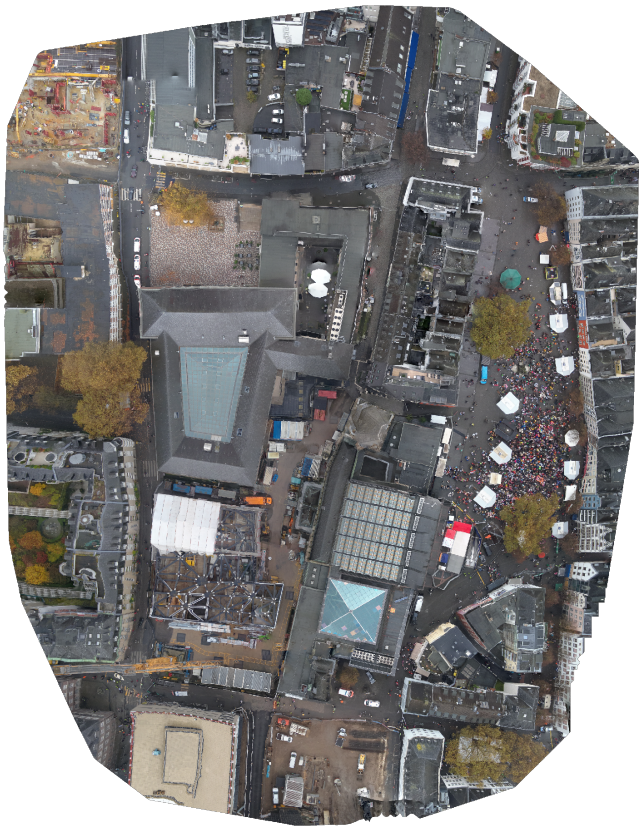
Date	11/11/2024 at 11:52:55
Area Covered	0.015091 km²
Processing Time	9.0m:42.0s
Capture Start	11/11/2024 at 12:00:12
Capture End	11/11/2024 at 12:02:03

Processing Summary

Reconstructed Images	48 over 48 shots (100.0%)
Reconstructed Points (Sparse)	55155 over 55988 points (98.5%)
Detected Features	10,000 features
Average Ground Sampling Distance (GSD)	3.5 cm
Reconstructed Features	3,997 features
Geographic Reference	GPS
GPS errors	0.04 meters

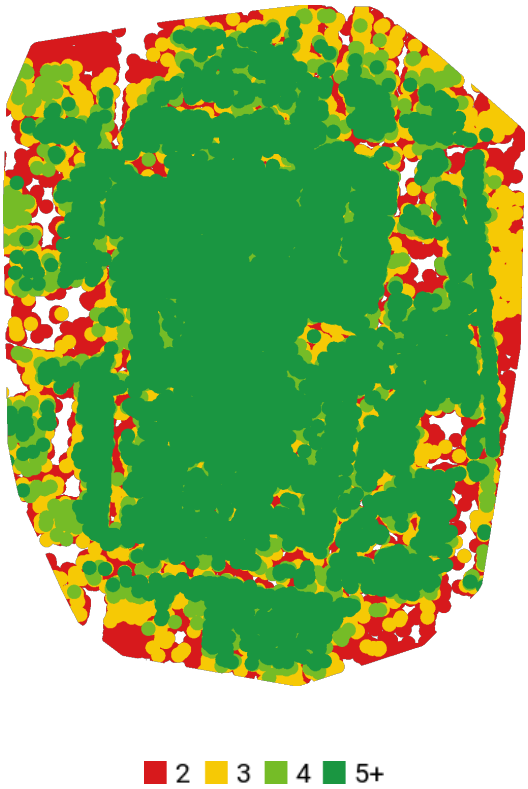


Previews



Orthophoto

Survey Data



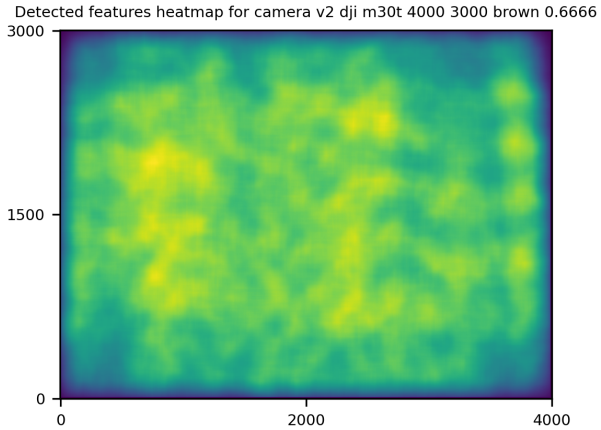
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	0.000	0.027	0.027
Y Error (meters)	0.000	0.030	0.030
Z Error (meters)	0.000	0.016	0.016
Total			0.040

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.074	0.138	0.157
Y Error (meters)	0.056	0.107	0.121
Z Error (meters)	0.179	0.268	0.323
Total			0.218

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.058	0.228
Vertical Accuracy LE90 (meters)	0.021	0.458

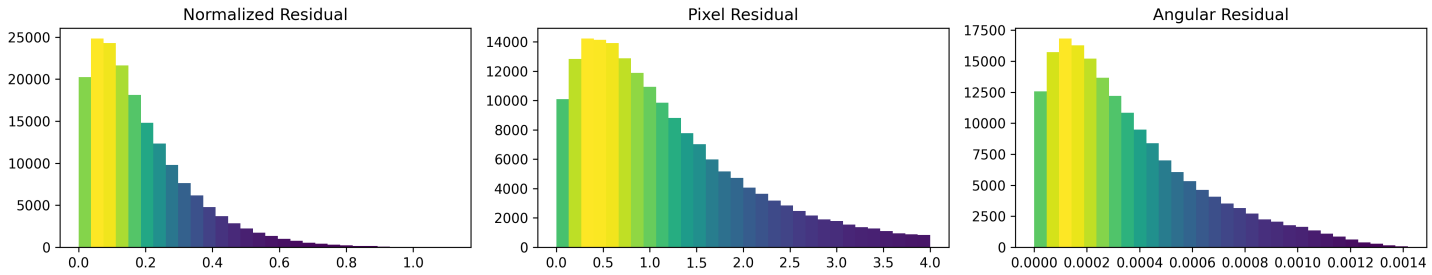
Features Details



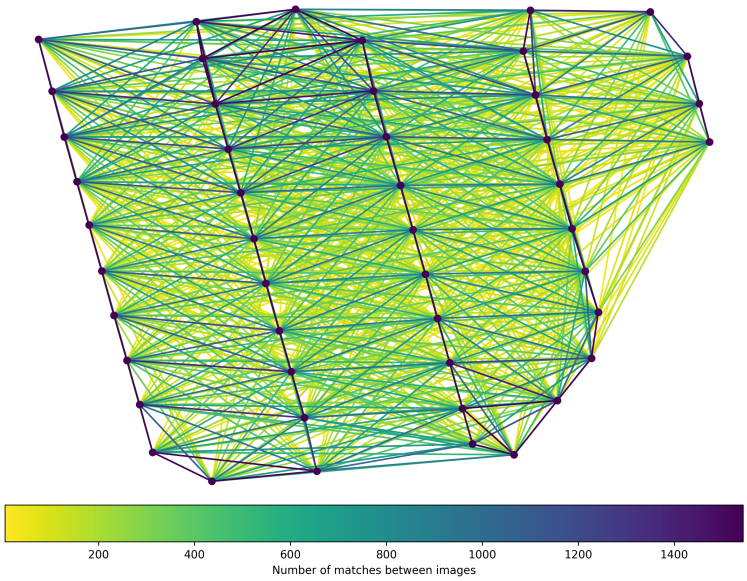
	Min.	Max.	Mean	Median
Detected	9207	10000	9883	10000
Reconstructed	2704	5164	3986	3997

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.19 / 1.15 / 0.00035
Average Track Length	3.47 images
Average Track Length (> 2)	5.14 images

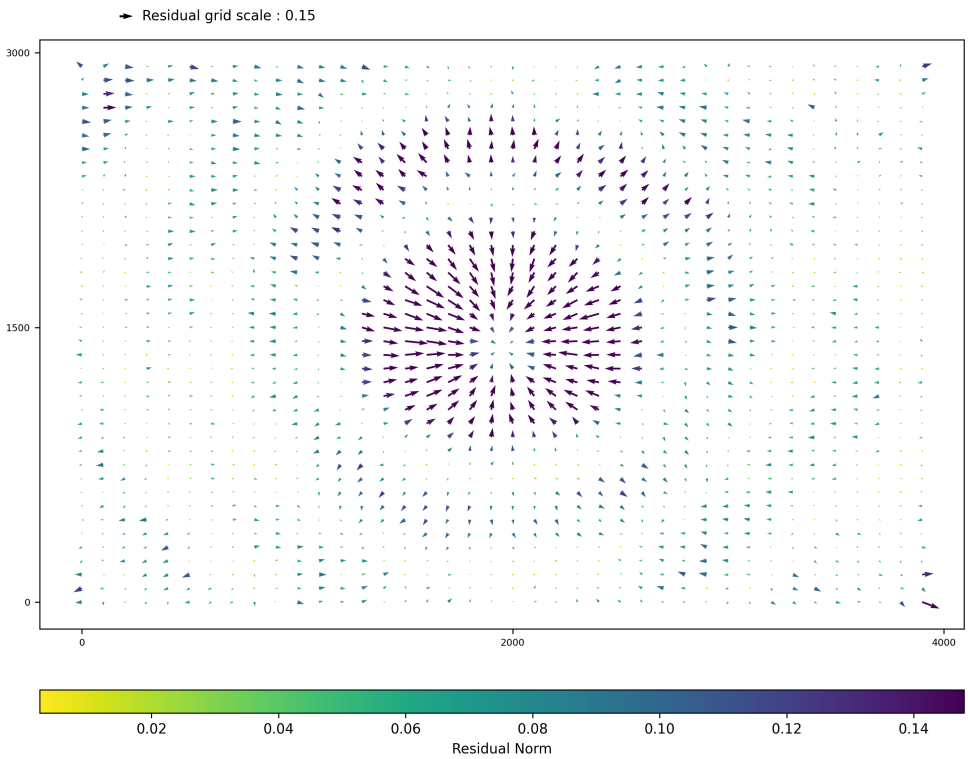


Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	29335	10598	5049	2948	1816	1309	970	727	565

Camera Models Details

v2 dji m30t 4000 3000 brown 0.6666

	k1	k2	k3	p1	p2	focal	aspect_rati	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6667	1.0000	0.0000	0.0000
Optimized	0.1557	-0.3509	0.1545	-0.0002	0.0002	0.7010	1.0000	-0.0044	0.0002