

ODM Quality Report

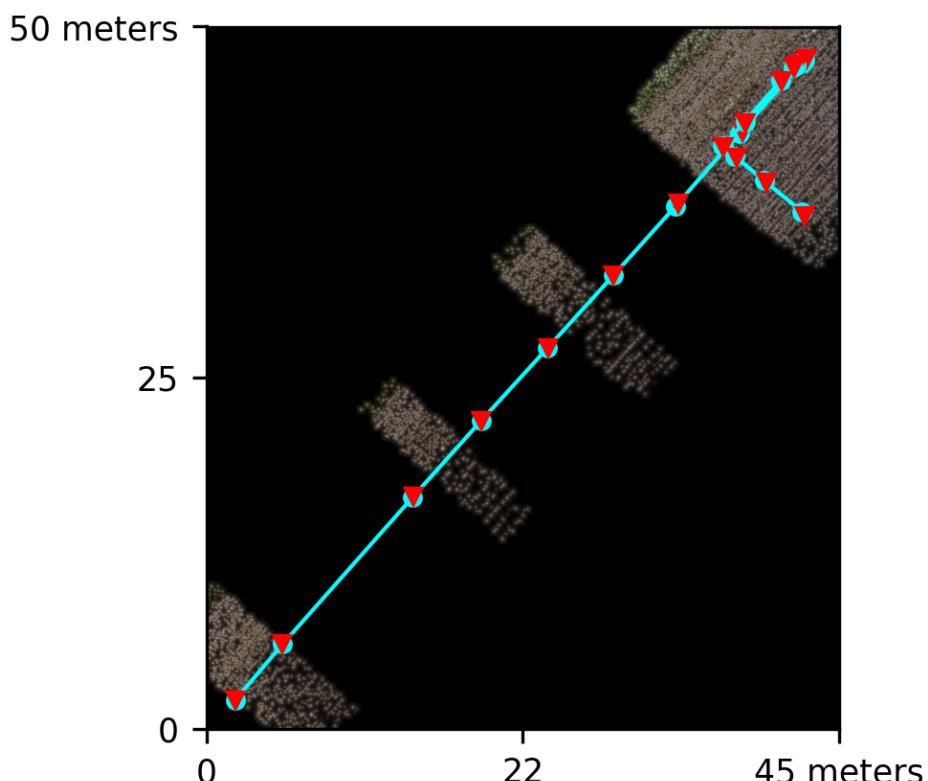
Processed with ODM version 3.5.4

Dataset Summary

Date	10/12/2024 at 01:15:50
Area Covered	0.001869 km ²
Processing Time	11.0m:33.0s
Capture Start	18/10/2024 at 09:51:09
Capture End	18/10/2024 at 09:51:47

Processing Summary

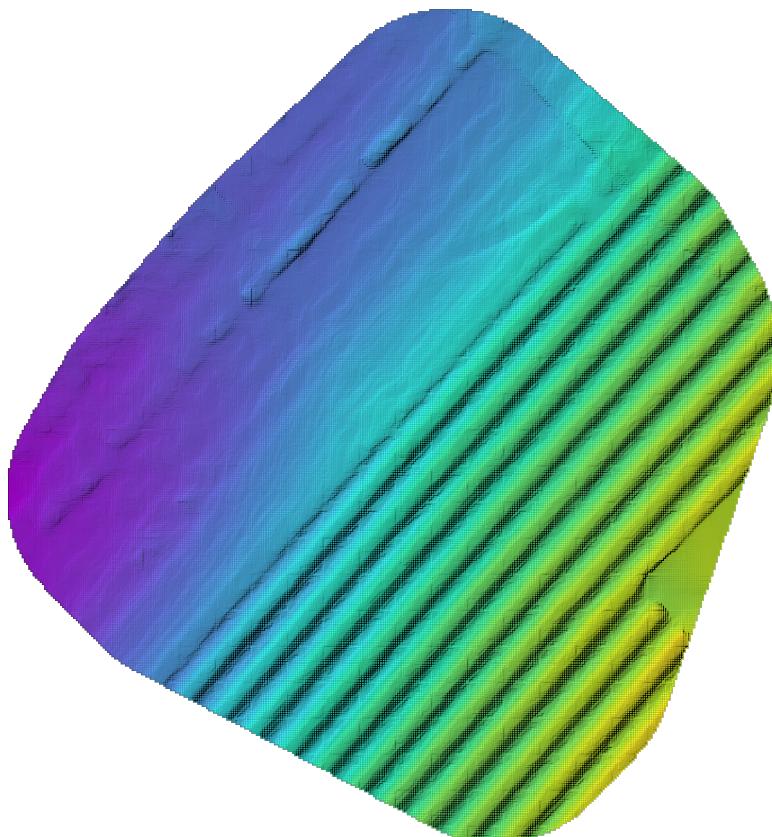
Reconstructed Images	19 over 20 shots (95.0%)
Reconstructed Points (Sparse)	22628 over 26320 points (86.0%)
Reconstructed Points (Dense)	1,686,384 points
Average Ground Sampling Distance (GSD)	0.4 cm
Detected Features	8,517 features
Reconstructed Features	6,619 features
Geographic Reference	GPS
GPS errors	0.19 meters



Previews



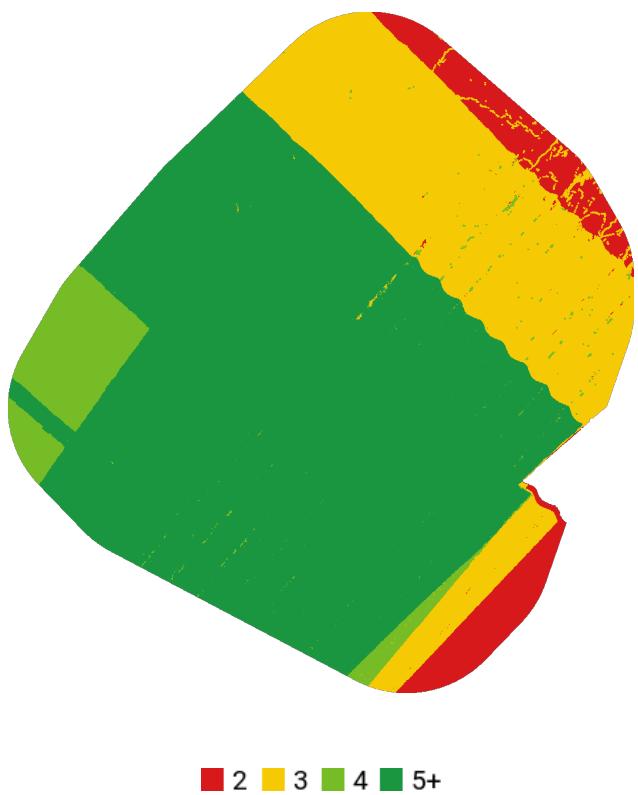
Orthophoto



Digital Surface Model



Survey Data



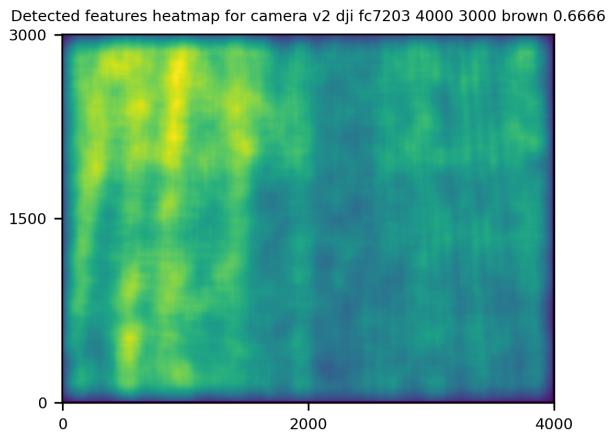
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.090	0.070	0.114
Y Error (meters)	0.006	0.103	0.103
Z Error (meters)	0.005	0.160	0.160
Total			0.187

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	1.924	2.293	2.994
Y Error (meters)	1.759	2.168	2.792
Z Error (meters)	1.436	1.449	2.040
Total			3.152

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.279	6.938
Vertical Accuracy LE90 (meters)	0.281	3.017

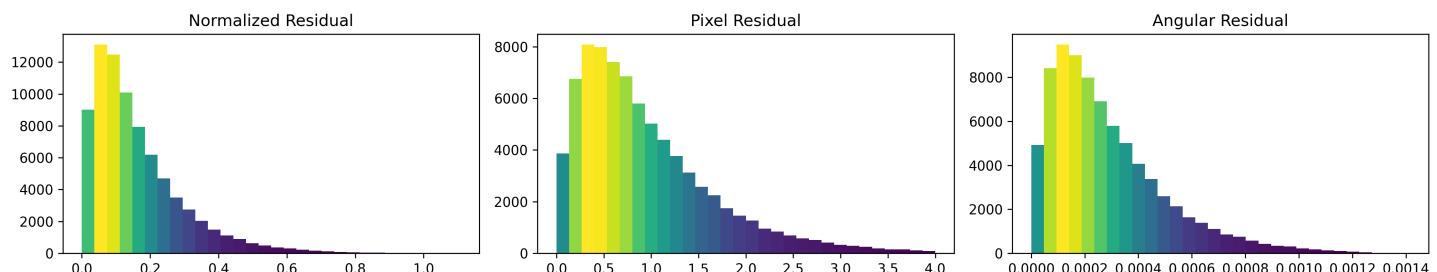
Features Details



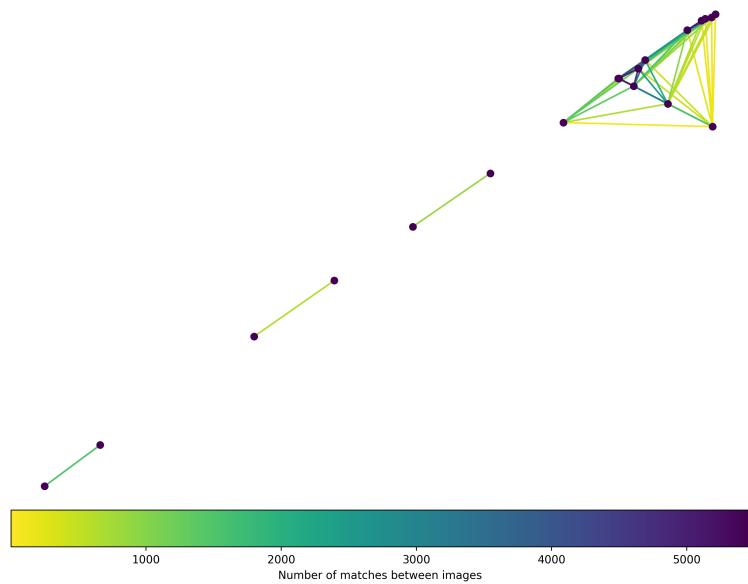
	Min.	Max.	Mean	Median
Detected	7562	9037	8422	8517
Reconstructed	638	7618	4457	6619

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.16 / 0.94 / 0.00028
Average Track Length	3.74 images
Average Track Length (> 2)	4.77 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	8392	3765	3386	3604	1841	633	262	261	257

Camera Models Details

v2 dji fc7203 4000 3000 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	0.0111	-0.0196	0.0078	0.0115	-0.0154	0.6949	1.0000	-0.0432	0.0911

