

ODM Quality Report

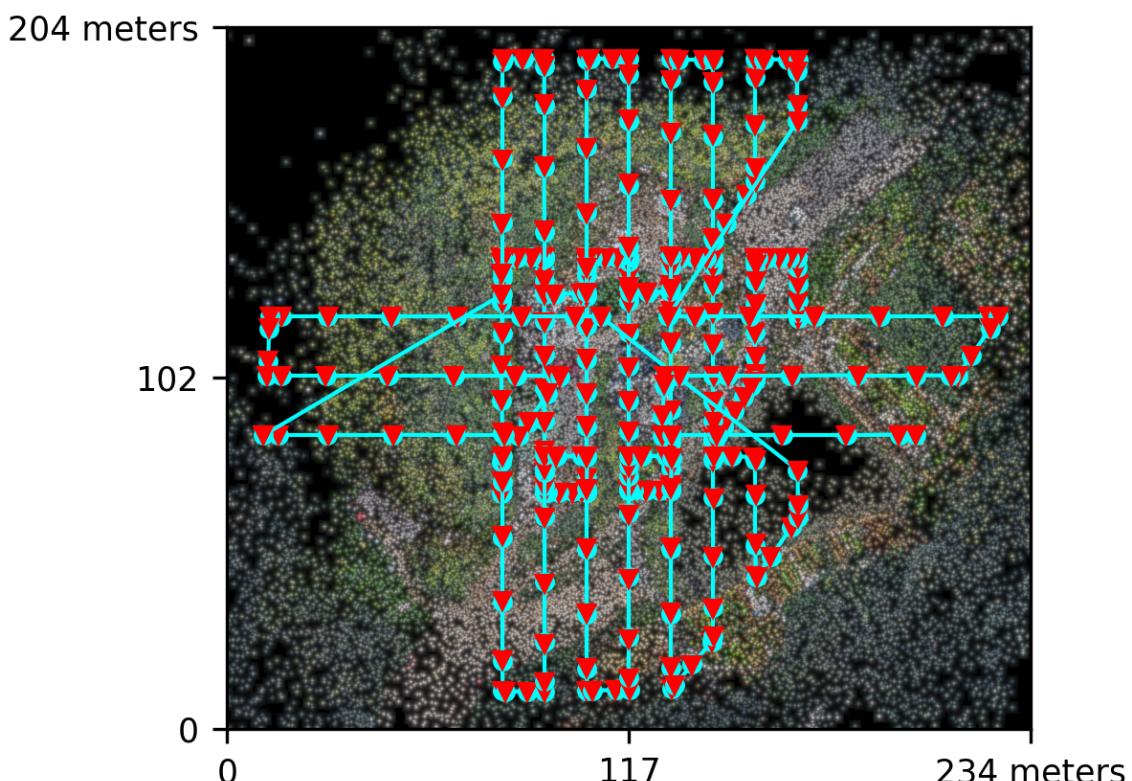
Processed with ODM version 3.5.4

Dataset Summary

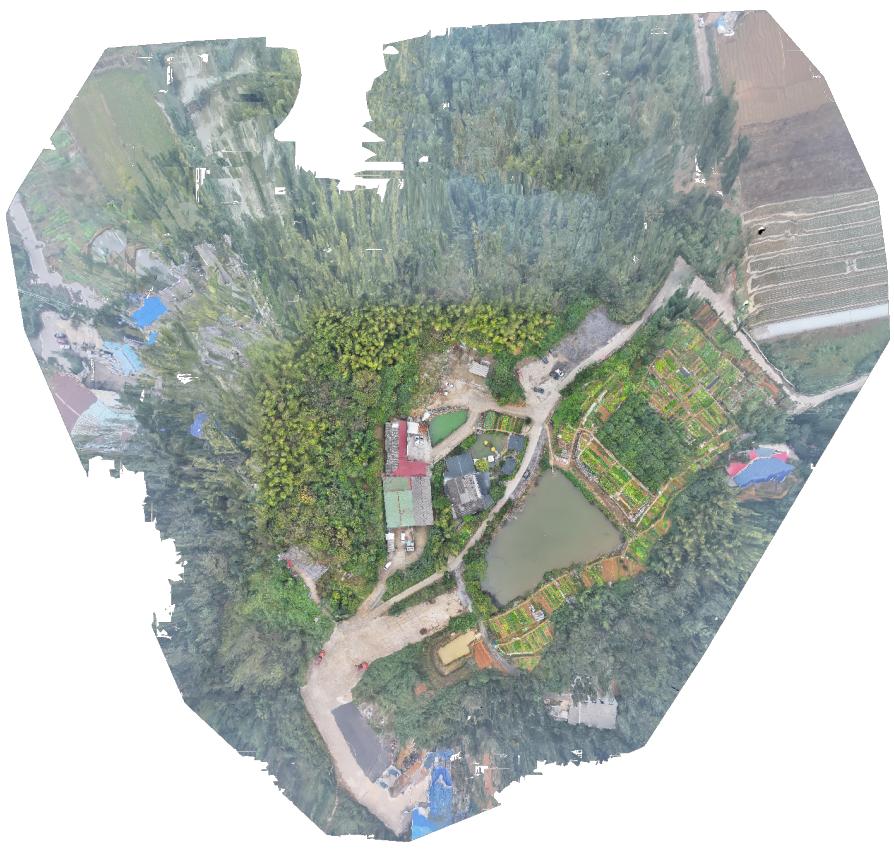
Date	28/10/2024 at 09:07:34
Area Covered	0.039481 km ²
Processing Time	3.0h:38.0m:29.0s
Capture Start	28/10/2024 at 14:05:48
Capture End	28/10/2024 at 14:14:32

Processing Summary

Reconstructed Images	319 over 319 shots (100.0%)
Reconstructed Points (Sparse)	290901 over 339623 points (85.7%)
Reconstructed Points (Dense)	31,012,272 points
Average Ground Sampling Distance (GSD)	2.3 cm
Detected Features	10,000 features
Reconstructed Features	5,696 features
Geographic Reference	GPS
GPS errors	0.17 meters

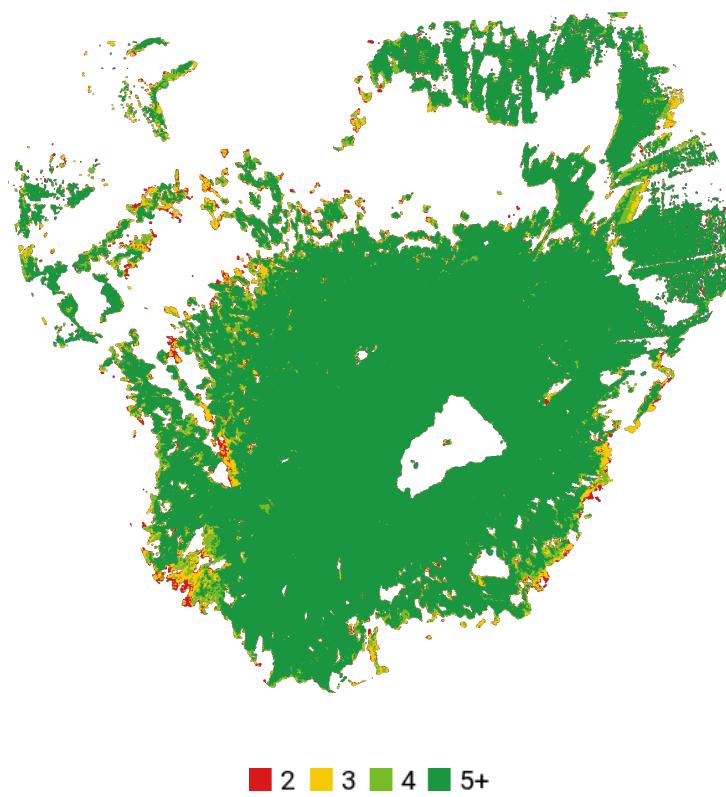


Previews



Orthophoto

Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

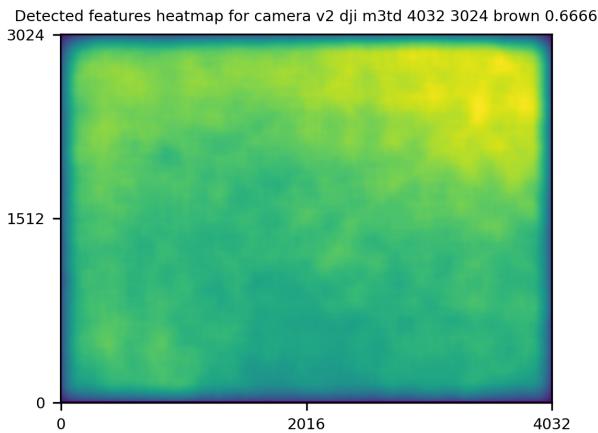
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.001	0.117	0.117
Y Error (meters)	0.002	0.164	0.164
Z Error (meters)	0.000	0.038	0.038
Total			0.167

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.107	0.287	0.307
Y Error (meters)	0.118	0.375	0.393
Z Error (meters)	0.174	0.393	0.430
Total			0.271

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.359	0.399
Vertical Accuracy LE90 (meters)	0.061	0.436

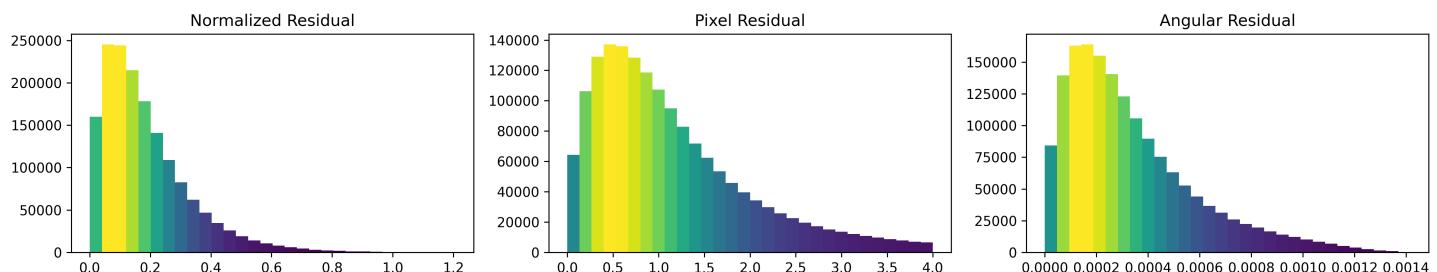
Features Details



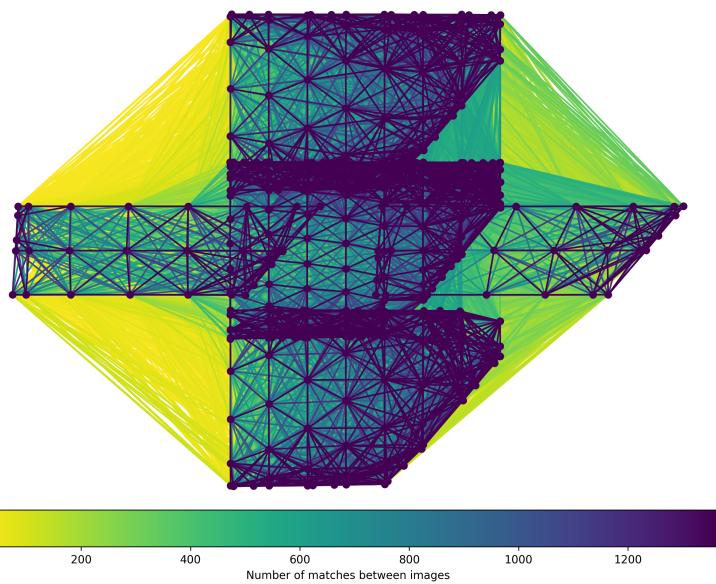
	Min.	Max.	Mean	Median
Detected	8659	10000	9812	10000
Reconstructed	2514	7239	5430	5696

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.19 / 1.13 / 0.00033
Average Track Length	5.96 images
Average Track Length (> 2)	8.00 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	99205	56897	31912	21749	16057	11492	8231	6212	5042

Camera Models Details

v2 dji m3td 4032 3024 brown 0.6666

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6667	1.0000	0.0000	0.0000
Optimized	0.0949	-0.1611	0.1119	-0.0000	0.0009	0.6996	1.0000	-0.0001	0.0040

