

ODM Quality Report

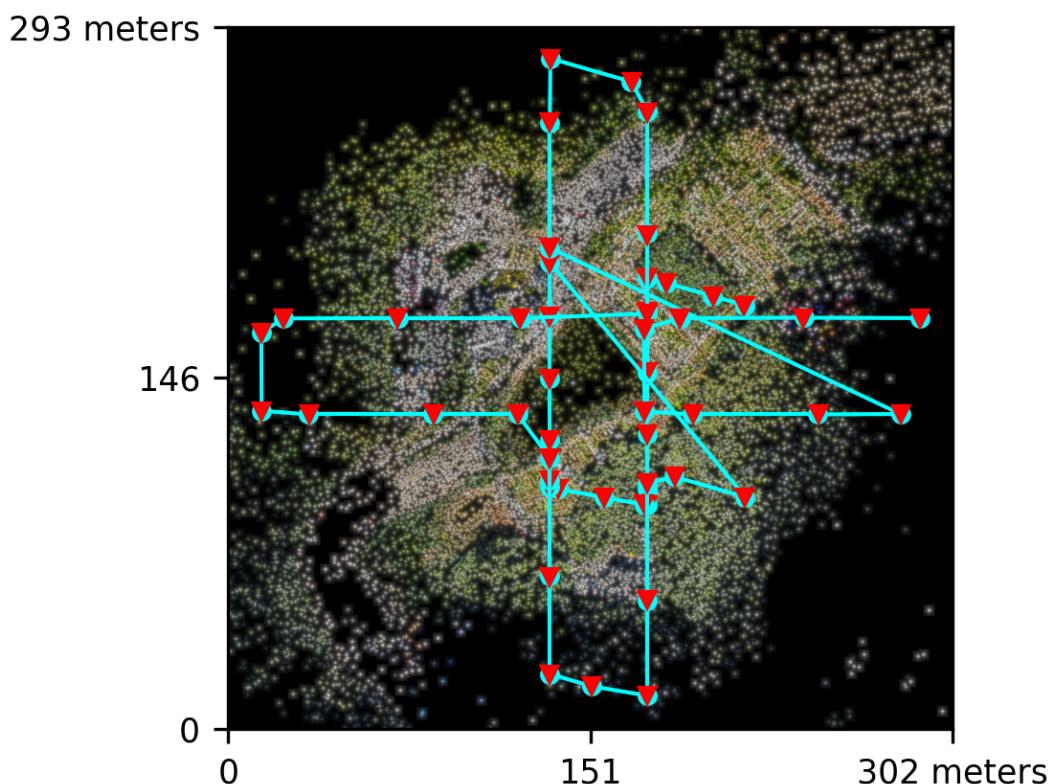
Processed with ODM version 3.5.3

Dataset Summary

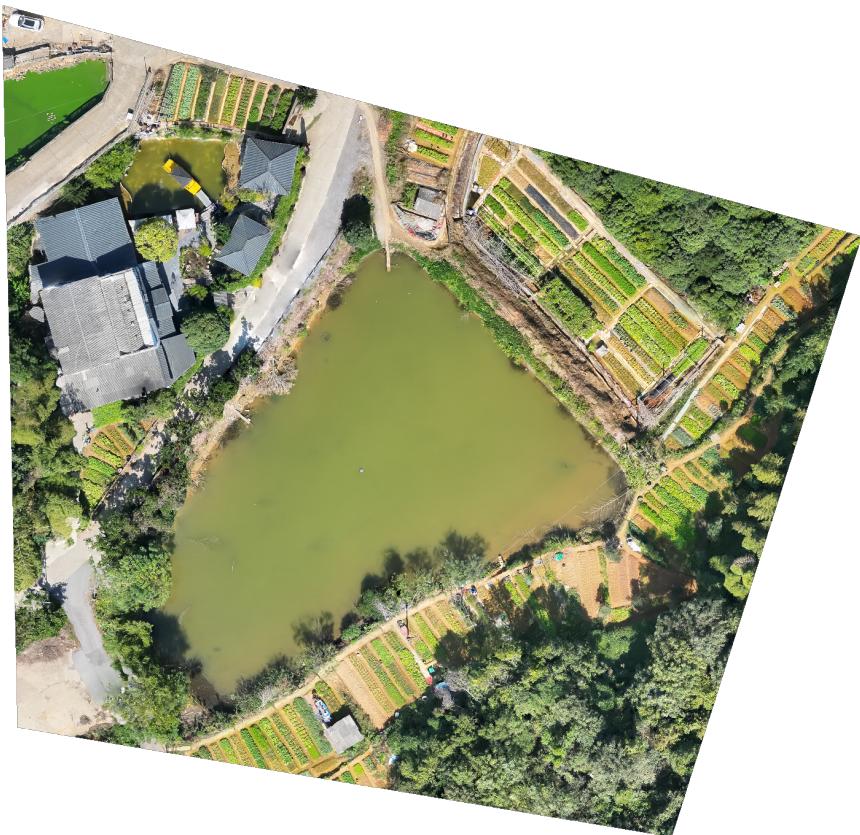
Date	24/10/2024 at 08:53:54
Area Covered	0.073155 km ²
Processing Time	24.0m:17.0s
Capture Start	24/10/2024 at 12:00:11
Capture End	24/10/2024 at 12:04:48

Processing Summary

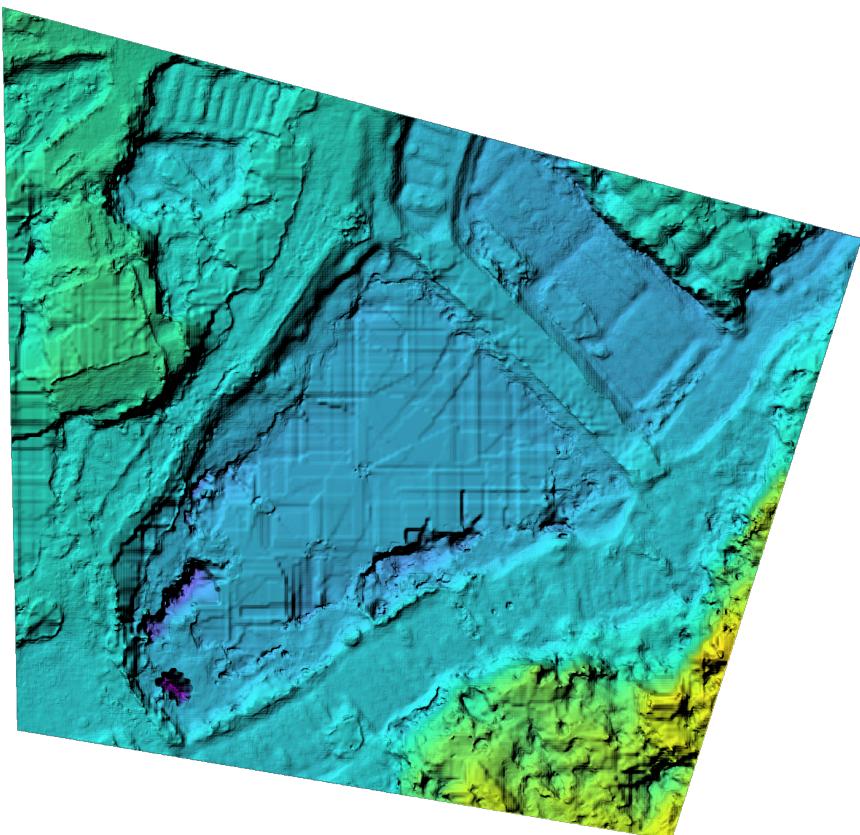
Reconstructed Images	52 over 52 shots (100.0%)
Reconstructed Points (Sparse)	59100 over 63508 points (93.1%)
Reconstructed Points (Dense)	1,856,308 points
Average Ground Sampling Distance (GSD)	3.2 cm
Detected Features	10,000 features
Reconstructed Features	3,681 features
Geographic Reference	GPS
GPS errors	0.18 meters



Previews



Orthophoto



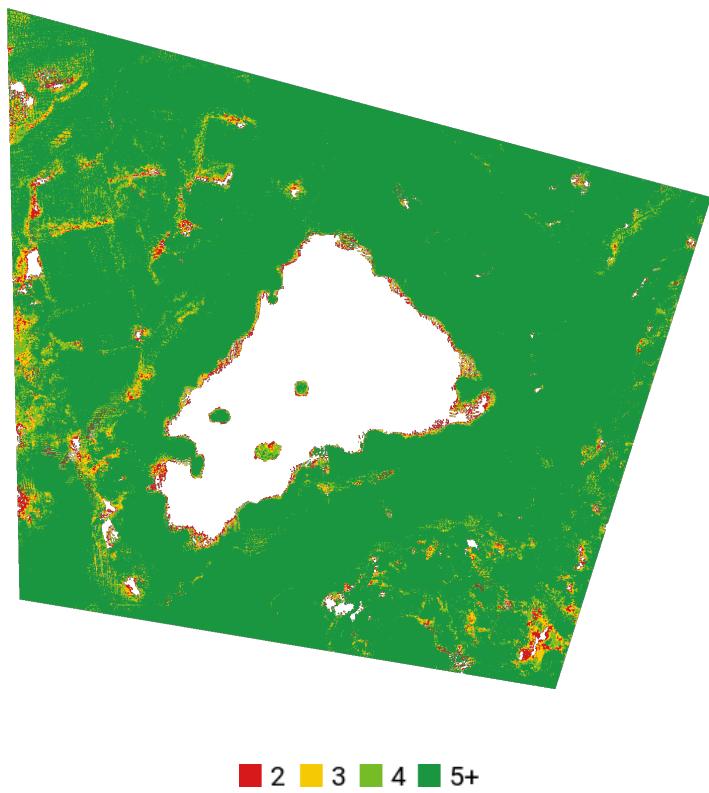
Digital Terrain Model



28.66m

59.15m

Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

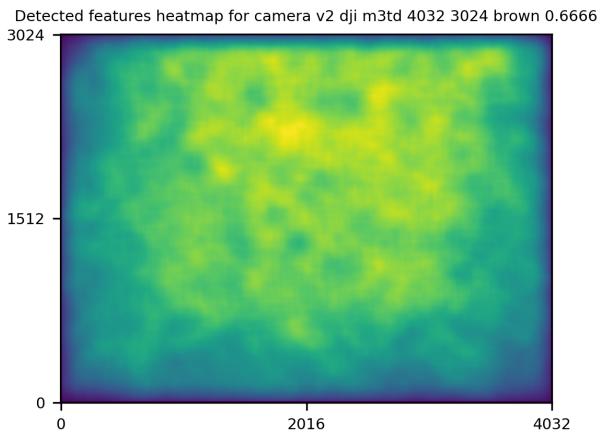
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.000	0.155	0.155
Y Error (meters)	0.001	0.151	0.151
Z Error (meters)	-0.000	0.030	0.030
Total			0.183

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.175	0.385	0.422
Y Error (meters)	0.176	0.390	0.428
Z Error (meters)	0.280	0.426	0.510
Total			0.431

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.348	0.656
Vertical Accuracy LE90 (meters)	0.046	0.663

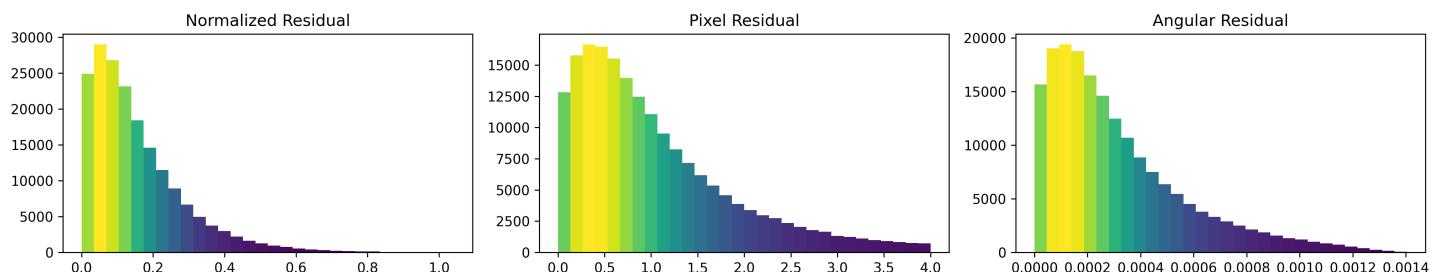
Features Details



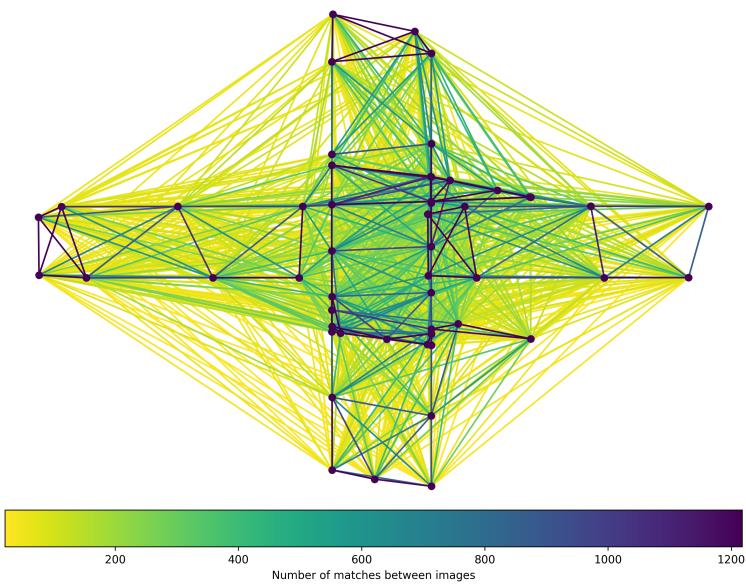
	Min.	Max.	Mean	Median
Detected	9745	10000	9993	10000
Reconstructed	1545	6358	3733	3681

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.15 / 1.04 / 0.00031
Average Track Length	3.28 images
Average Track Length (> 2)	4.79 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	31926	12423	5754	2779	1746	1262	869	526	378

Camera Models Details

v2 dji m3td 4032 3024 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	0.0831	-0.1269	0.0815	0.0003	0.0003	0.7008	1.0000	-0.0014	0.0044

