

# ODM Quality Report

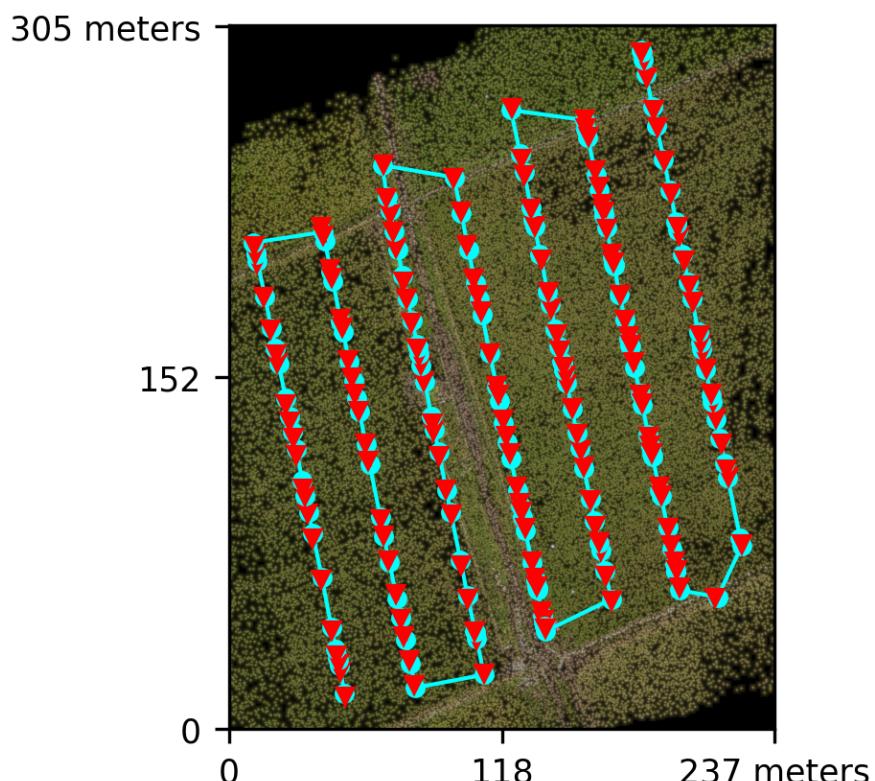
Processed with ODM version 2.8.2

## Dataset Summary

Date	10/04/2022 at 19:24:21
Area Covered	0.059248 km <sup>2</sup>
Processing Time	26.0m:50.0s
Capture Start	18/09/2017 at 13:40:22
Capture End	18/09/2017 at 13:48:22

## Processing Summary

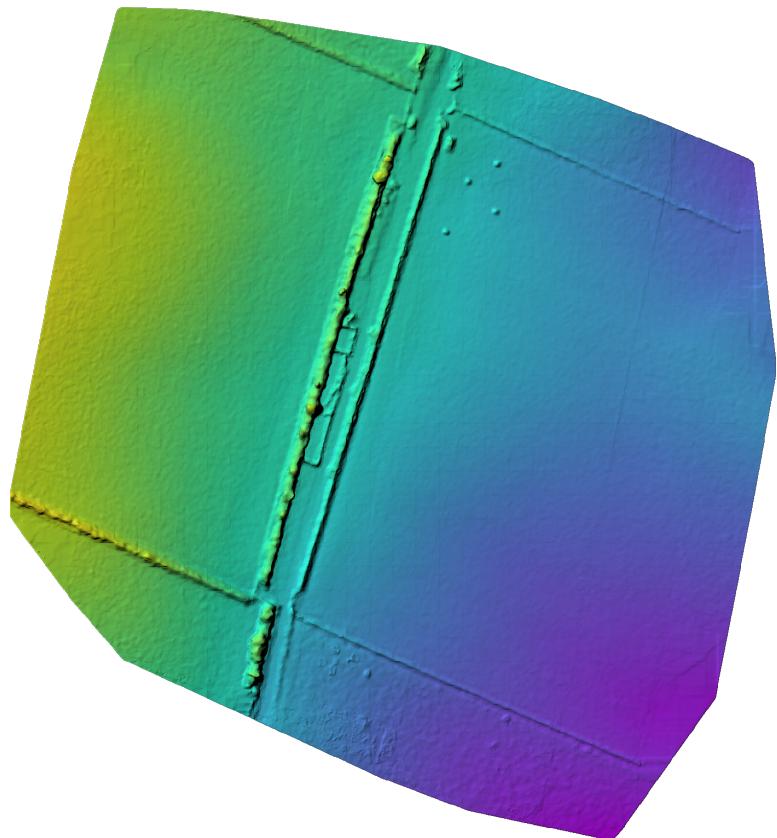
Reconstructed Images	183 over 183 shots (100.0%)
Reconstructed Points (Sparse)	228059 over 236170 points (96.6%)
Reconstructed Points (Dense)	6,705,855 points
Average Ground Sampling Distance (GSD)	5.8 cm
Detected Features	11,277 features
Reconstructed Features	8,543 features
Geographic Reference	GPS
GPS errors	1.33 meters



## Previews



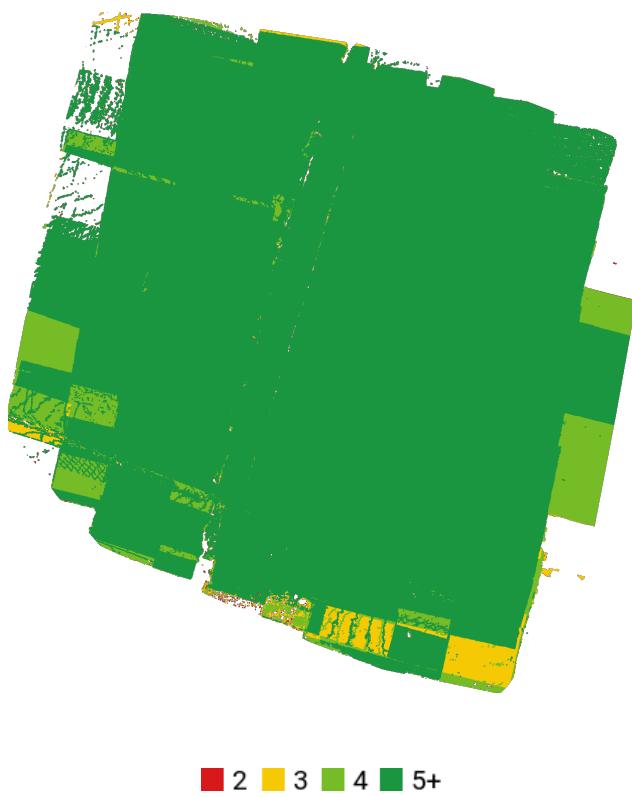
Orthophoto



Digital Surface Model



# Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

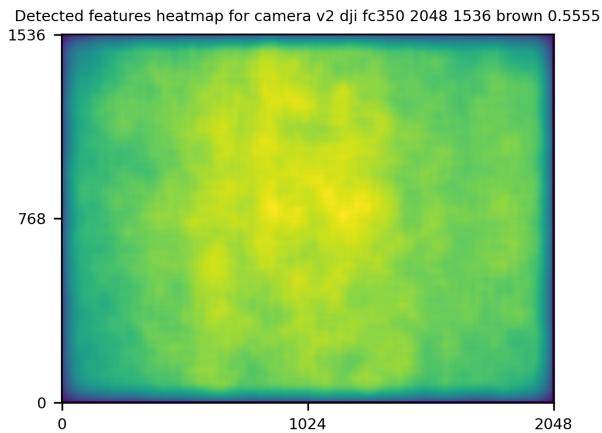
## GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	0.004	0.344	0.344
Y Error (meters)	-0.015	1.426	1.426
Z Error (meters)	0.009	0.431	0.431
Total			1.332

3D	Mean	Sigma	RMS Error
X Error (meters)	0.051	0.108	0.120
Y Error (meters)	0.057	0.119	0.133
Z Error (meters)	0.122	0.318	0.341
Total			0.159

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	2.427	0.187
Vertical Accuracy LE90 (meters)	0.700	0.251

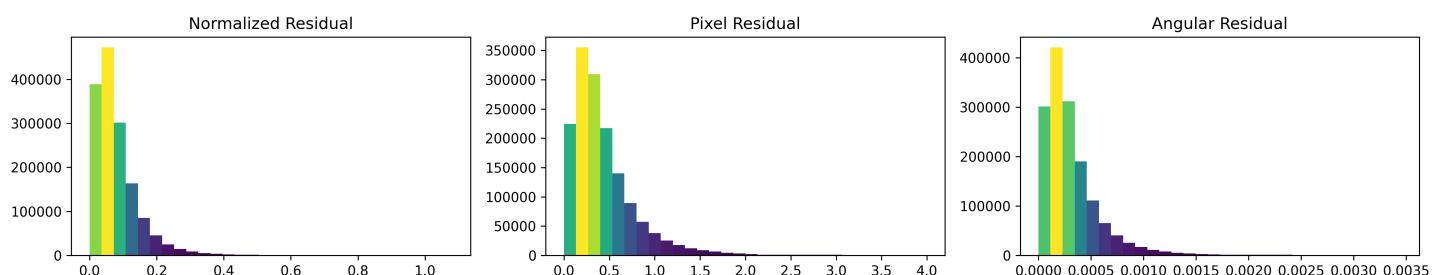
## Features Details



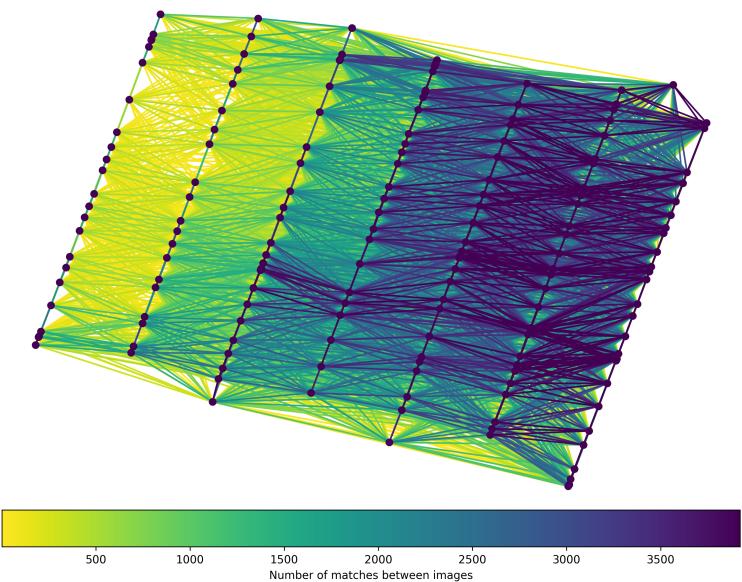
	Min.	Max.	Mean	Median
Detected	8740	16825	12013	11277
Reconstructed	1920	13185	8379	8543

## Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.08 / 0.44 / 0.00032
Average Track Length	6.72 images
Average Track Length (> 2)	9.21 images



## Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	78630	37396	23028	15071	10703	8008	6239	5216	4307

## Camera Models Details

v2 dji fc350 2048 1536 brown 0.5555

	k1	k2	k3	p1	p2	focal	aspect_ratio	) cy	
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.5556	1.0000	0.0000	0.0000
Optimized	-0.1140	0.0913	-0.0092	-0.0002	-0.0002	0.5610	1.0000	0.0032	0.0019

