

# ODM Quality Report

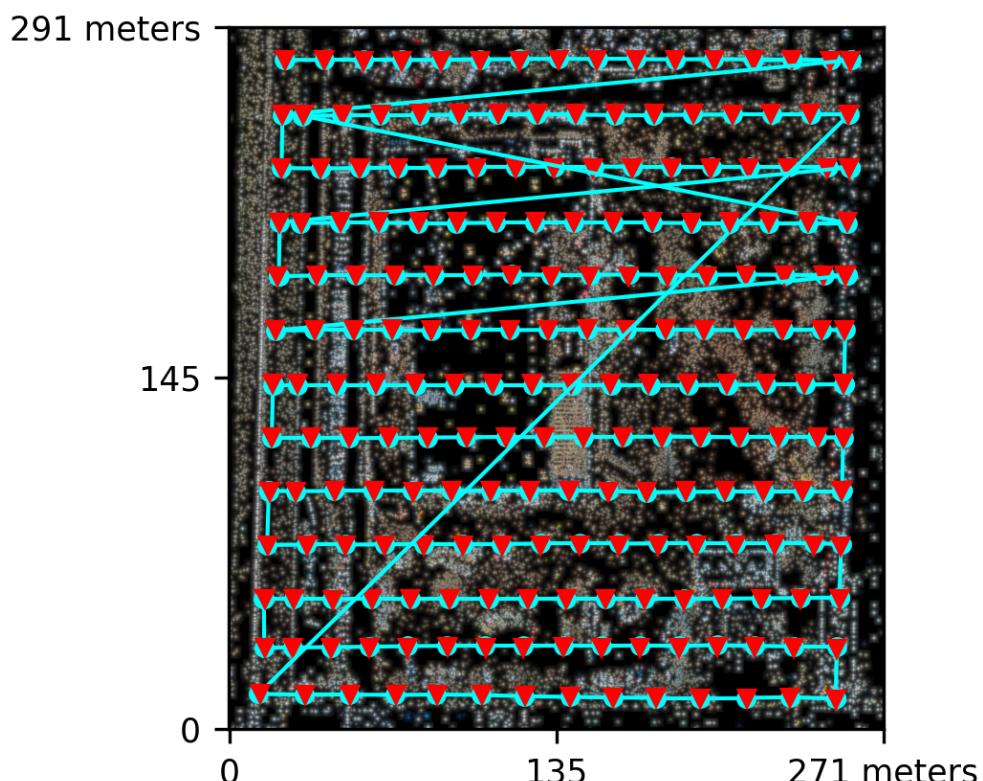
Processed with ODM version 3.3.1

## Dataset Summary

Date	09/04/2024 at 03:18:28
Area Covered	0.065163 km <sup>2</sup>
Processing Time	11.0h:47.0m:55.0s
Capture Start	05/04/2024 at 11:59:10
Capture End	05/04/2024 at 12:55:53

## Processing Summary

Reconstructed Images	232 over 232 shots (100.0%)
Reconstructed Points (Sparse)	284032 over 337424 points (84.2%)
Reconstructed Points (Dense)	213,208,124 points
Average Ground Sampling Distance (GSD)	3.4 cm
Detected Features	13,066 features
Reconstructed Features	7,245 features
Geographic Reference	GPS
GPS errors	1.57 meters

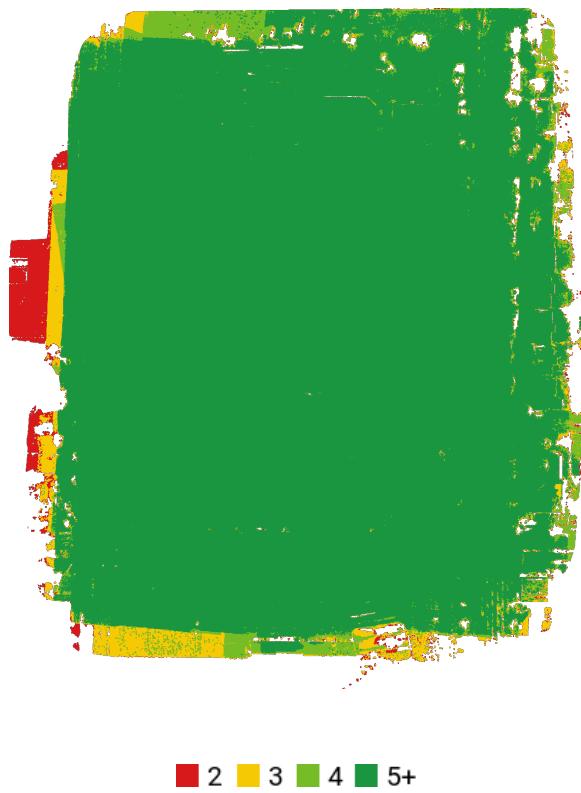


## Previews



Orthophoto

# Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

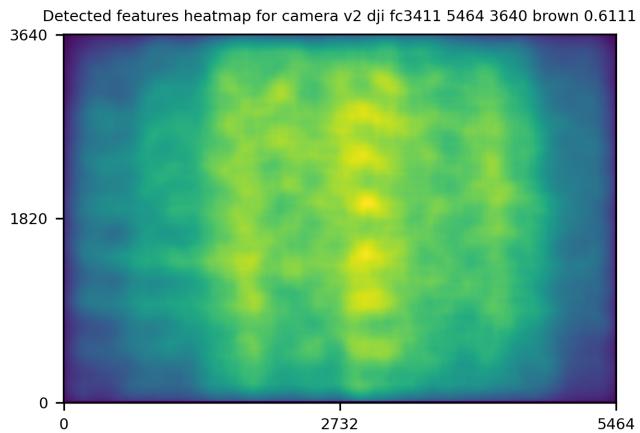
## GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	0.000	0.228	0.228
Y Error (meters)	-0.000	0.384	0.384
Z Error (meters)	-0.000	2.209	2.209
Total			1.569

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.044	0.156	0.162
Y Error (meters)	0.285	7.329	7.334
Z Error (meters)	0.129	0.531	0.547
Total			0.392

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.692	0.152
Vertical Accuracy LE90 (meters)	4.604	0.282

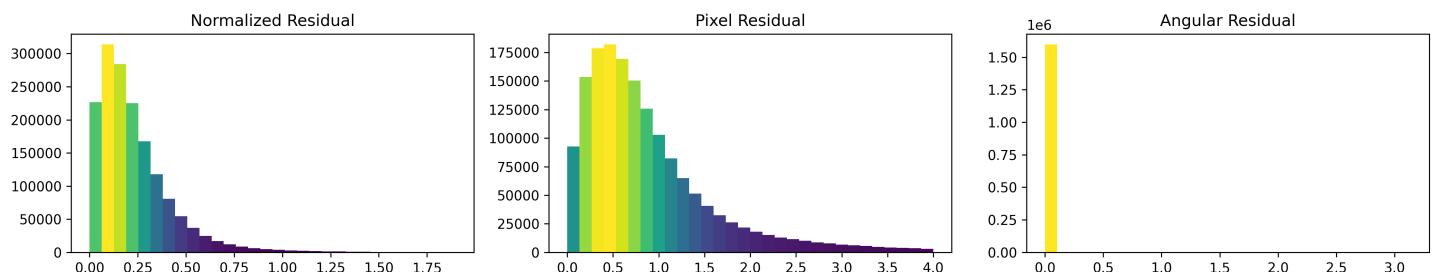
## Features Details



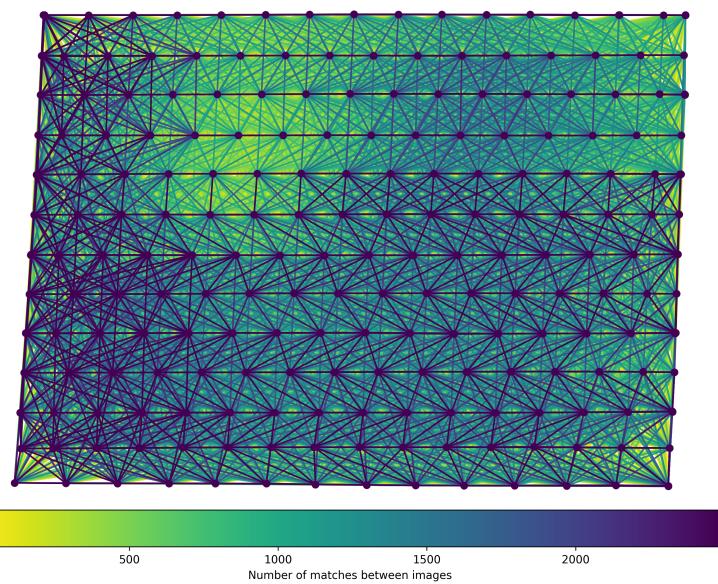
	Min.	Max.	Mean	Median
Detected	12427	13397	13012	13066
Reconstructed	4772	8967	7177	7245

## Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.23 / 0.87 / 0.00023
Average Track Length	5.86 images
Average Track Length (> 2)	7.91 images



## Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	98468	50256	31517	20330	14585	10665	8162	6185	5219

## Camera Models Details

v2 dji fc3411 5464 3640 brown 0.6111

	k1	k2	k3	p1	p2	focal	aspect_ratio	) cy	
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6111	1.0000	0.0000	0.0000
Optimized	-0.0715	0.0529	0.0069	0.0003	-0.0002	0.6092	1.0000	0.0023	0.0078

