

# ODM Quality Report

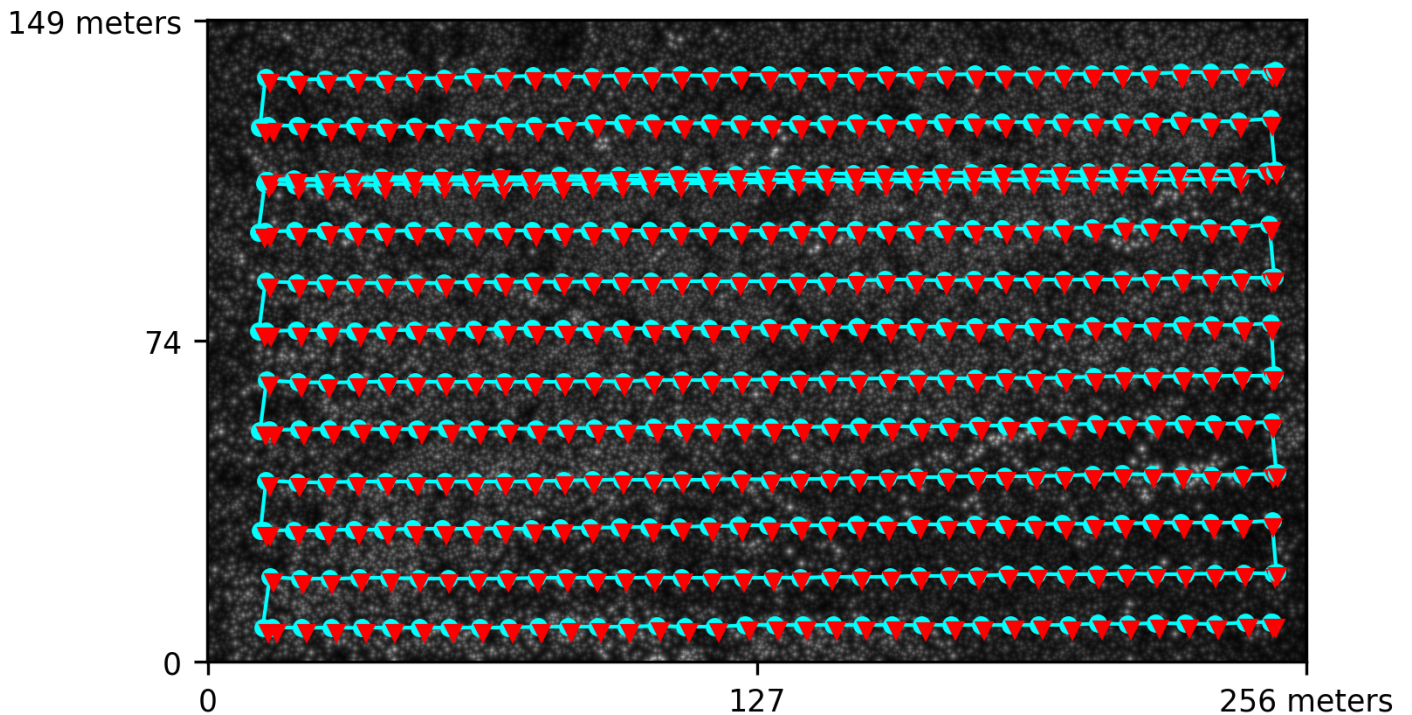
Processed with ODM version 2.8.8

## Dataset Summary

Date	12/08/2022 at 15:38:36
Area Covered	0.030724 km <sup>2</sup>
Processing Time	3.0h:32.0m:45.0s
Capture Start	24/05/2022 at 06:01:23
Capture End	24/05/2022 at 06:25:23

## Processing Summary

Reconstructed Images	468 over 468 shots (100.0%)
Reconstructed Points (Sparse)	485634 over 489729 points (99.2%)
Reconstructed Points (Dense)	11,727,931 points
Average Ground Sampling Distance (GSD)	3.6 cm
Detected Features	9,659 features
Reconstructed Features	7,264 features
Geographic Reference	GPS and GCP
GPS / GCP errors	10.32 / 0.00 meters



## Previews



Orthophoto

# Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

## GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.775	0.282	0.824
Y Error (meters)	-1.126	0.150	1.136
Z Error (meters)	-10.223	0.142	10.224
Total			10.318

GCP	Mean	Sigma	RMS Error
X Error (meters)	0.000	0.000	0.000
Y Error (meters)	0.000	0.001	0.001
Z Error (meters)	-0.002	0.005	0.005
Total			0.004

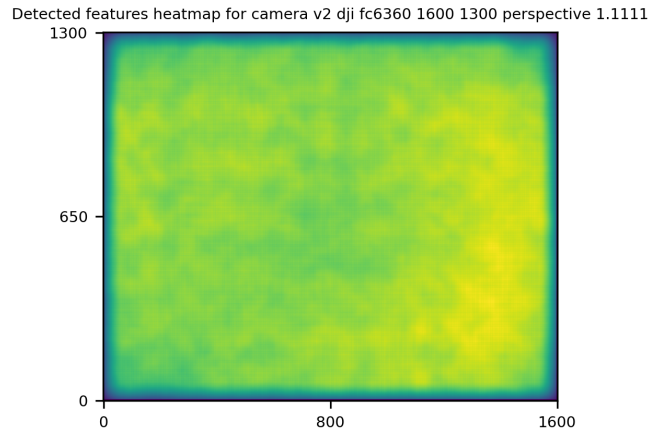
3D	Mean	Sigma	RMS Error
X Error (meters)	0.035	0.086	0.093
Y Error (meters)	0.042	0.087	0.096
Z Error (meters)	0.147	0.274	0.311
Total			0.165

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.001	0.107
Vertical Accuracy LE90 (meters)	0.009	0.305

## Ground Control Point Error

ID	Error X (m)	Error Y (m)	Error Z (m)
GCP-0	-0.000	0.000	-0.000
GCP-1	0.001	0.001	0.006
GCP-2	-0.000	0.001	-0.005
GCP-3	0.000	0.000	0.000
GCP-4	-0.000	-0.001	-0.003
GCP-5	0.000	0.001	-0.011
GCP-6	-0.000	-0.000	0.001
GCP-7	-0.000	-0.000	-0.004

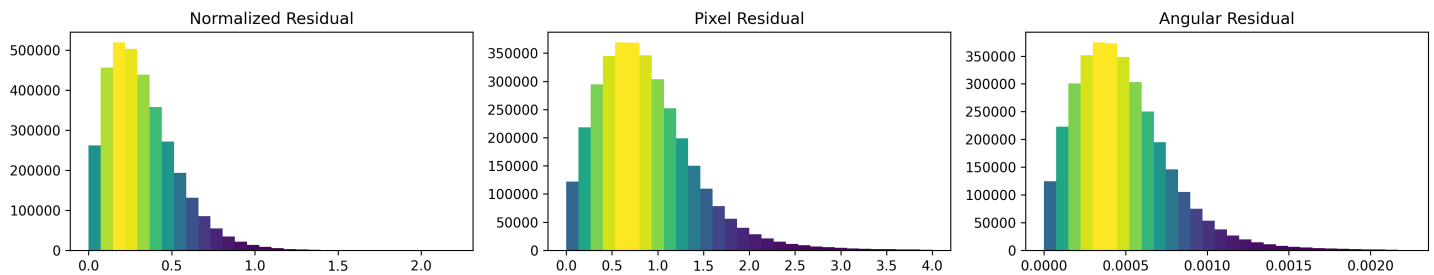
# Features Details



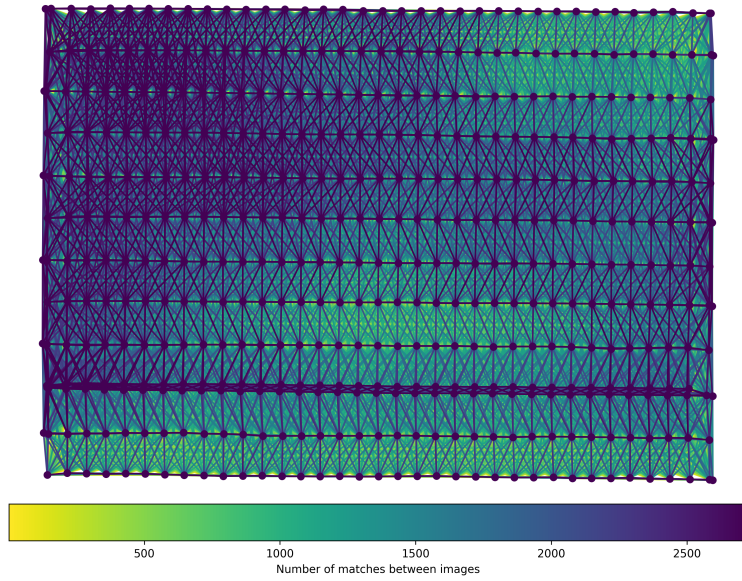
	Min.	Max.	Mean	Median
Detected	8183	10614	9610	9659
Reconstructed	4397	9036	7241	7264

# Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.32 / 0.87 / 0.00048
Average Track Length	6.98 images
Average Track Length (> 2)	9.37 images



# Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	157520	72432	44557	31089	24101	18844	15238	12713	11147

# Camera Models Details

v2 dji fc6360 1600 1300 perspective 1.1111

	k1	k2	focal
Initial	0.0000	0.0000	1.1111
Optimized	-0.3367	0.1430	1.1230

