

# ODM Quality Report

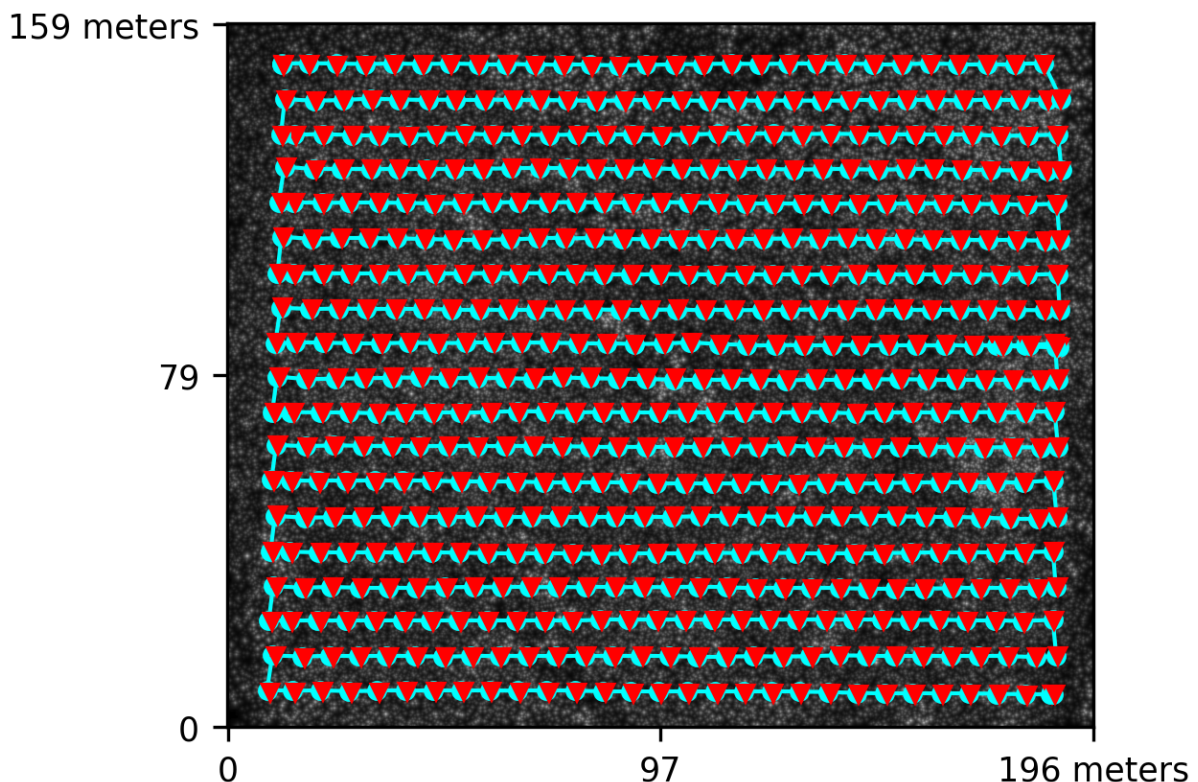
Processed with ODM version 2.8.8

## Dataset Summary

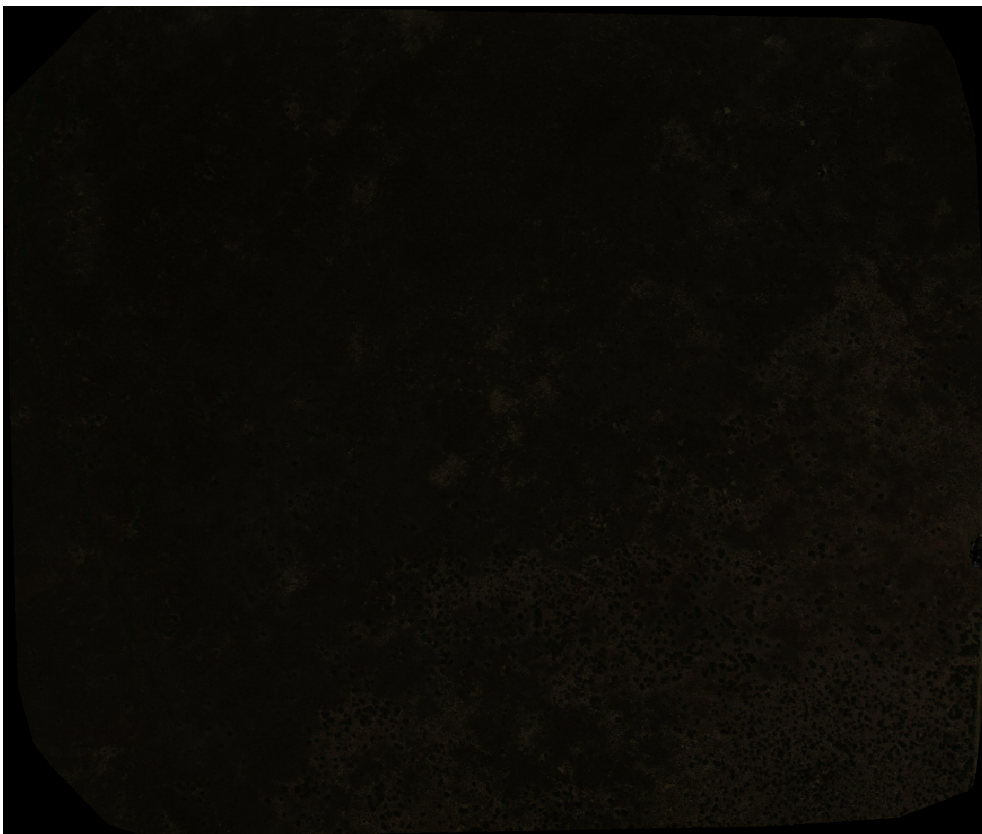
Date	13/10/2022 at 19:14:07
Area Covered	0.025645 km <sup>2</sup>
Processing Time	3.0h:20.0m:12.0s
Capture Start	30/06/2022 at 07:17:51
Capture End	30/06/2022 at 07:48:45

## Processing Summary

Reconstructed Images	556 over 556 shots (100.0%)
Reconstructed Points (Sparse)	809965 over 813154 points (99.6%)
Reconstructed Points (Dense)	14,959,268 points
Average Ground Sampling Distance (GSD)	2.1 cm
Detected Features	10,439 features
Reconstructed Features	7,815 features
Geographic Reference	GPS and GCP
GPS / GCP errors	1.25 / 0.00 meters



## Previews



Orthophoto

# Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

## GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.420	0.140	0.442
Y Error (meters)	-0.083	0.114	0.141
Z Error (meters)	-1.167	0.187	1.182
Total			1.254

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

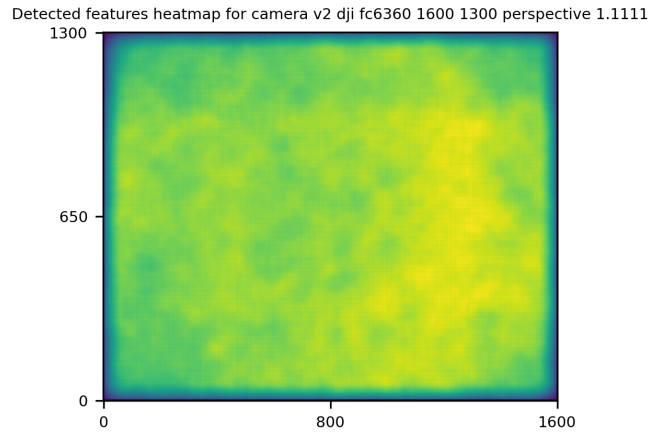
3D	Mean	Sigma	RMS Error
X Error (meters)	0.016	0.015	0.022
Y Error (meters)	0.018	0.018	0.025
Z Error (meters)	0.070	0.070	0.099
Total			0.077

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.000	0.050
Vertical Accuracy LE90 (meters)	0.001	0.147

## Ground Control Point Error

ID	Error X (m)	Error Y (m)	Error Z (m)
GCP-0	0.001	0.000	0.004
GCP-1	0.000	0.000	0.000
GCP-2	-0.000	-0.000	0.000
GCP-3	-0.000	-0.000	0.001
GCP-4	0.000	0.000	0.000
GCP-5	0.000	0.000	-0.000
GCP-6	0.000	0.000	-0.000
GCP-7	-0.000	-0.000	-0.000
GCP-8	0.000	-0.000	0.000

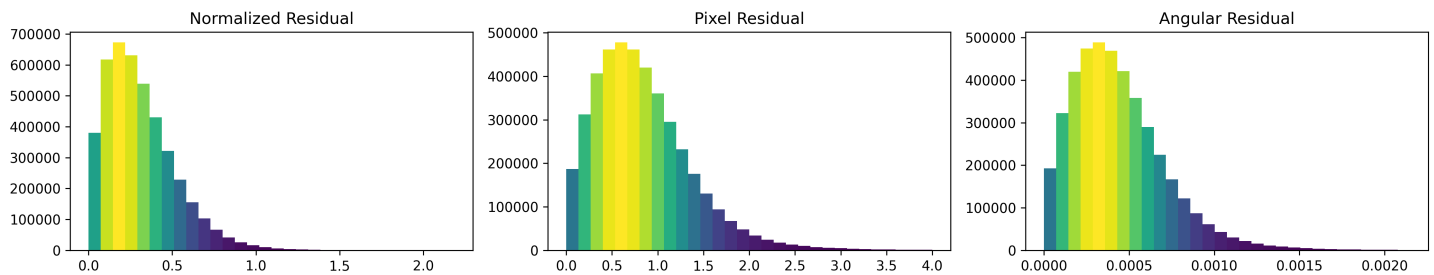
# Features Details



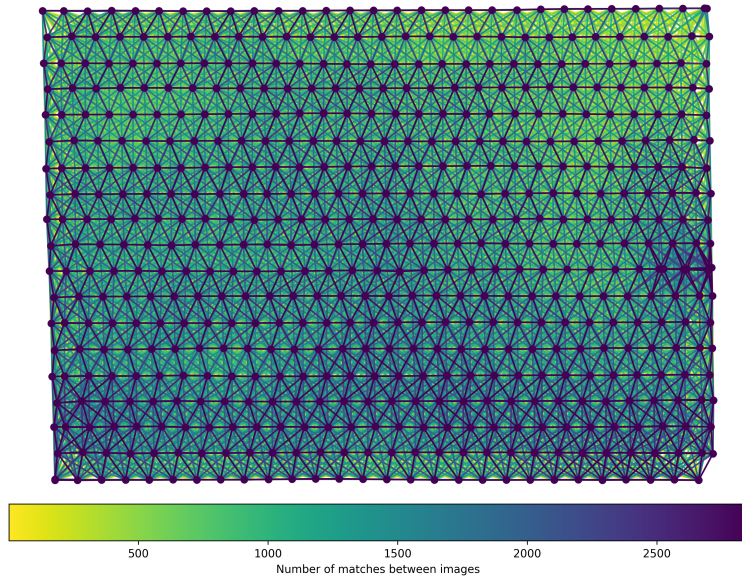
	Min.	Max.	Mean	Median
Detected	9817	11193	10426	10439
Reconstructed	4903	9135	7680	7815

# Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.31 / 0.83 / 0.00044
Average Track Length	5.27 images
Average Track Length (> 2)	7.00 images



# Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	279902	133173	82225	57734	43938	35533	29406	24057	20691

# Camera Models Details

v2 dji fc6360 1600 1300 perspective 1.1111

	k1	k2	focal
Initial	0.0000	0.0000	1.1111
Optimized	-0.3793	0.1819	1.1929

