

ODM Quality Report

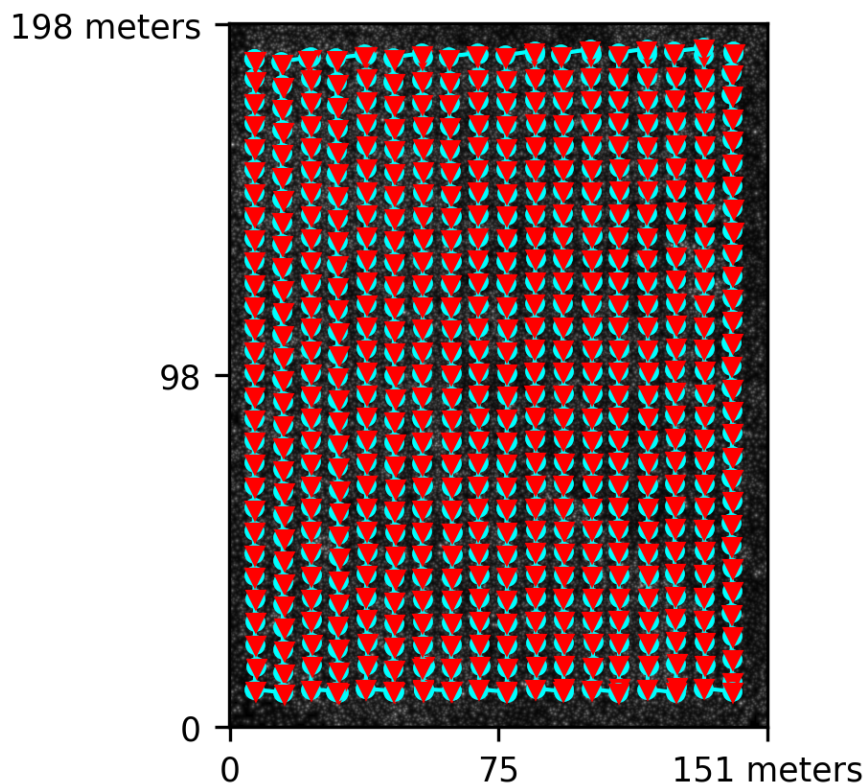
Processed with ODM version 2.8.8

Dataset Summary

Date	17/10/2022 at 19:55:03
Area Covered	0.024498 km ²
Processing Time	3.0h:32.0m:10.0s
Capture Start	10/06/2022 at 04:53:15
Capture End	10/06/2022 at 05:23:45

Processing Summary

Reconstructed Images	543 over 543 shots (100.0%)
Reconstructed Points (Sparse)	728667 over 739901 points (98.5%)
Reconstructed Points (Dense)	13,934,954 points
Average Ground Sampling Distance (GSD)	2.2 cm
Detected Features	9,545 features
Reconstructed Features	5,731 features
Geographic Reference	GPS and GCP
GPS / GCP errors	4.90 / 0.00 meters

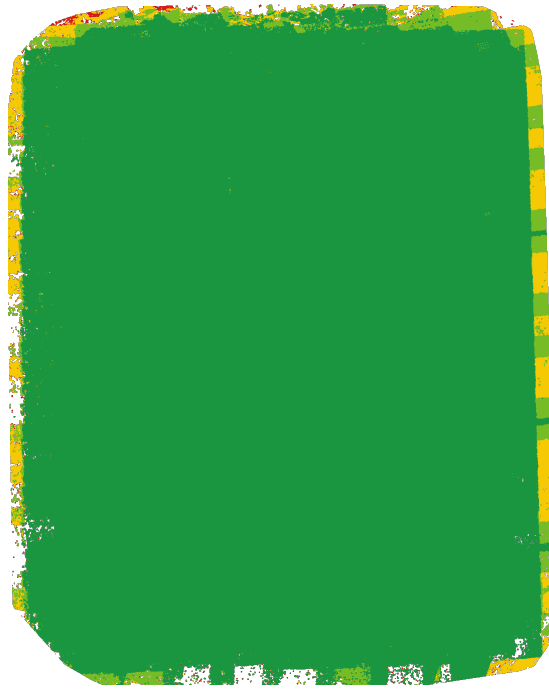


Previews



Orthophoto

Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.232	0.118	0.261
Y Error (meters)	-0.425	0.132	0.446
Z Error (meters)	-4.874	0.250	4.880
Total			4.901

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)	0.000	0.000	0.000
Total			0.000

3D	Mean	Sigma	RMS Error
X Error (meters)	0.018	0.020	0.027
Y Error (meters)	0.016	0.018	0.023
Z Error (meters)	0.071	0.076	0.104
Total			0.078

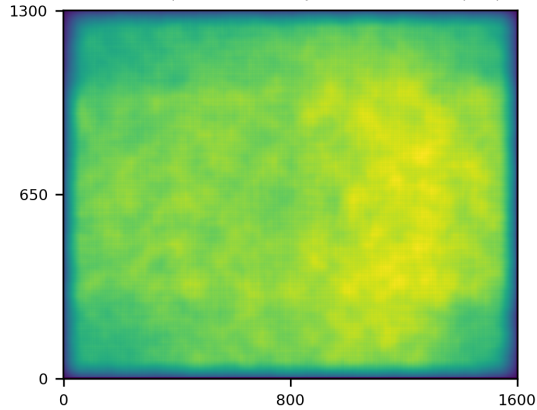
	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.000	0.052
Vertical Accuracy LE90 (meters)	0.000	0.163

Ground Control Point Error

ID	Error X (m)	Error Y (m)	Error Z (m)
GCP-0	-0.000	-0.000	-0.000
GCP-1	-0.000	-0.000	0.000
GCP-2	-0.000	0.000	-0.000
GCP-3	0.000	-0.000	0.000
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

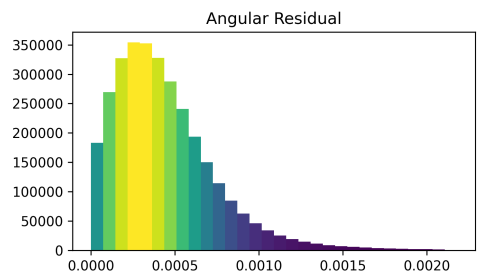
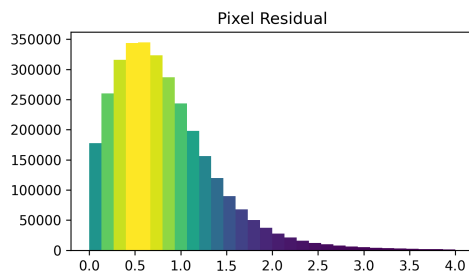
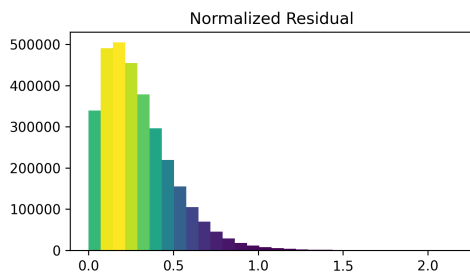
Detected features heatmap for camera v2 dji fc6360 1600 1300 perspective 1.1111



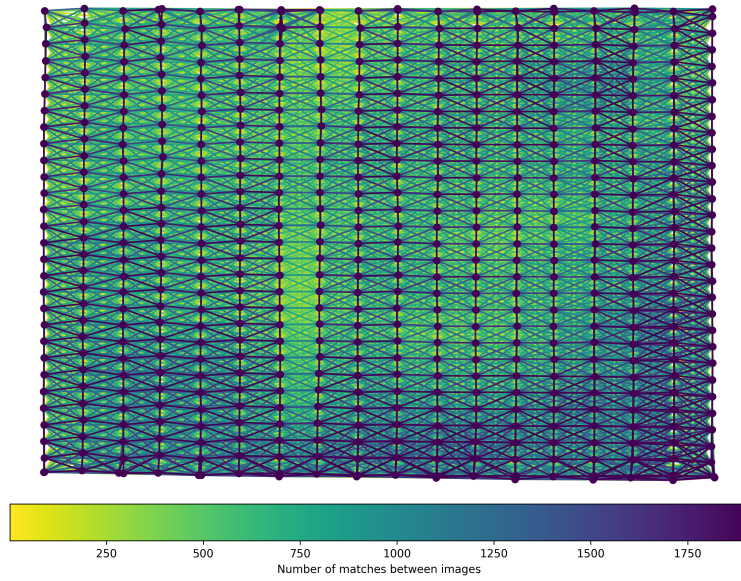
	Min.	Max.	Mean	Median
Detected	8701	10532	9568	9545
Reconstructed	2989	8094	5820	5731

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.29 / 0.82 / 0.00044
Average Track Length	4.34 images
Average Track Length (> 2)	6.12 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	314993	129201	72778	47594	33598	25506	20344	15916	13276

Camera Models Details

v2 dji fc6360 1600 1300 perspective 1.1111

	k1	k2	focal
Initial	0.0000	0.0000	1.1111
Optimized	-0.3702	0.1740	1.1782

