

ODM Quality Report

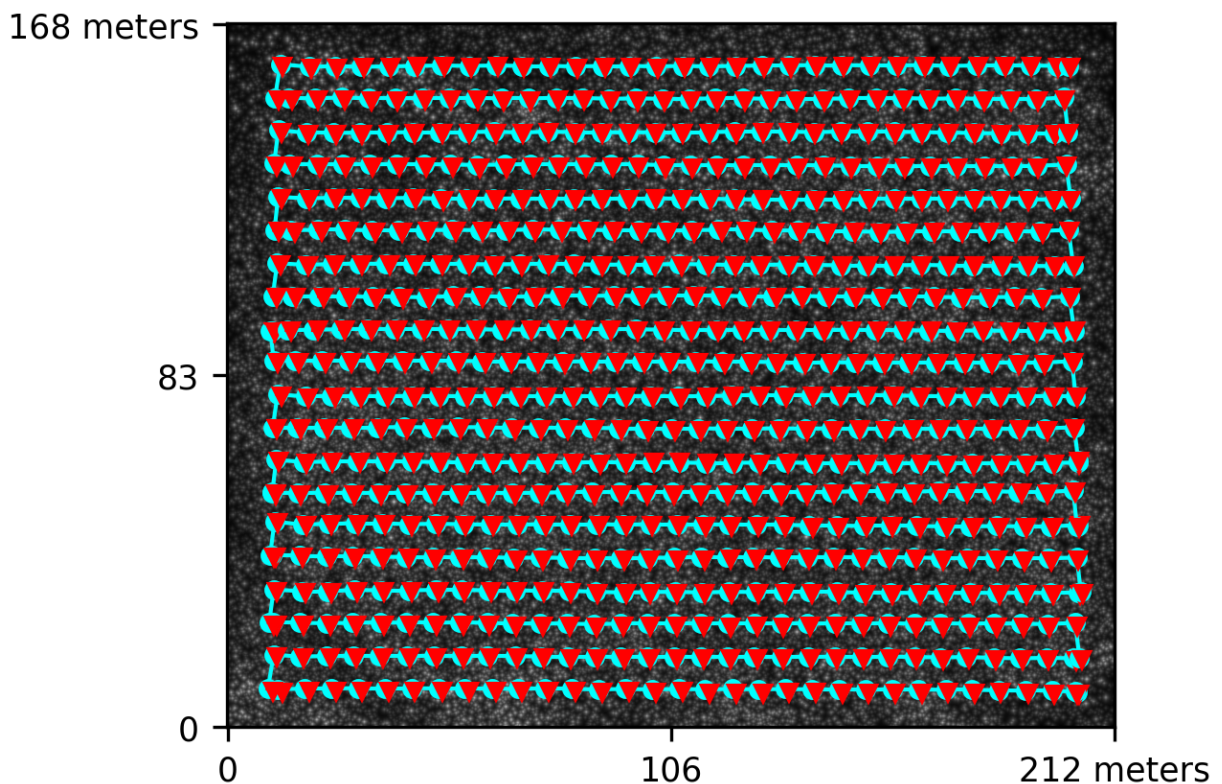
Processed with ODM version 2.8.8

Dataset Summary

Date	17/08/2022 at 17:15:15
Area Covered	0.029147 km ²
Processing Time	3.0h:41.0m:34.0s
Capture Start	15/06/2022 at 07:26:10
Capture End	15/06/2022 at 08:01:16

Processing Summary

Reconstructed Images	631 over 631 shots (100.0%)
Reconstructed Points (Sparse)	758291 over 764621 points (99.2%)
Reconstructed Points (Dense)	16,042,023 points
Average Ground Sampling Distance (GSD)	2.2 cm
Detected Features	8,919 features
Reconstructed Features	6,620 features
Geographic Reference	GPS and GCP
GPS / GCP errors	3.85 / 0.00 meters



Previews



Orthophoto

Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.604	0.180	0.630
Y Error (meters)	-0.403	0.153	0.431
Z Error (meters)	-3.778	0.420	3.801
Total			3.853

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

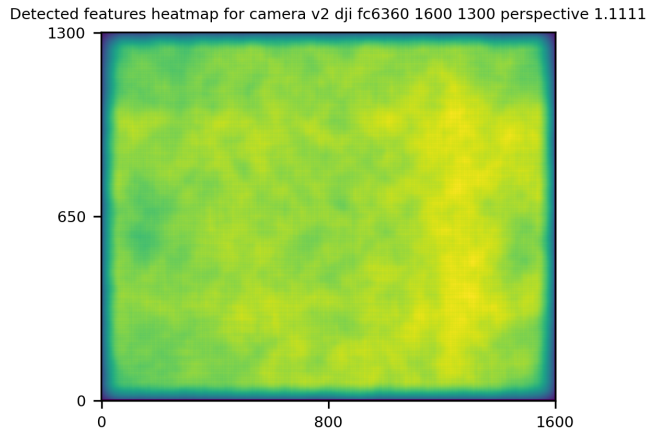
3D	Mean	Sigma	RMS Error
X Error (meters)	0.016	0.017	0.023
Y Error (meters)	0.018	0.018	0.025
Z Error (meters)	0.065	0.062	0.090
Total			0.072

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.000	0.052
Vertical Accuracy LE90 (meters)	0.000	0.149

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	0.001
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

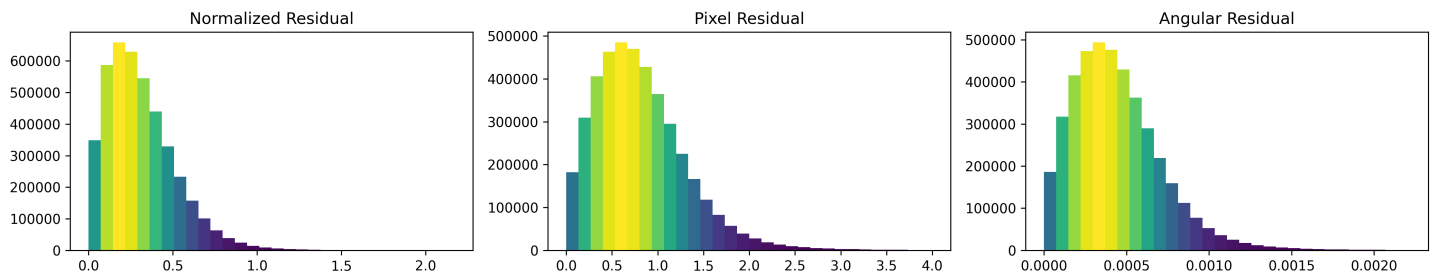
Features Details



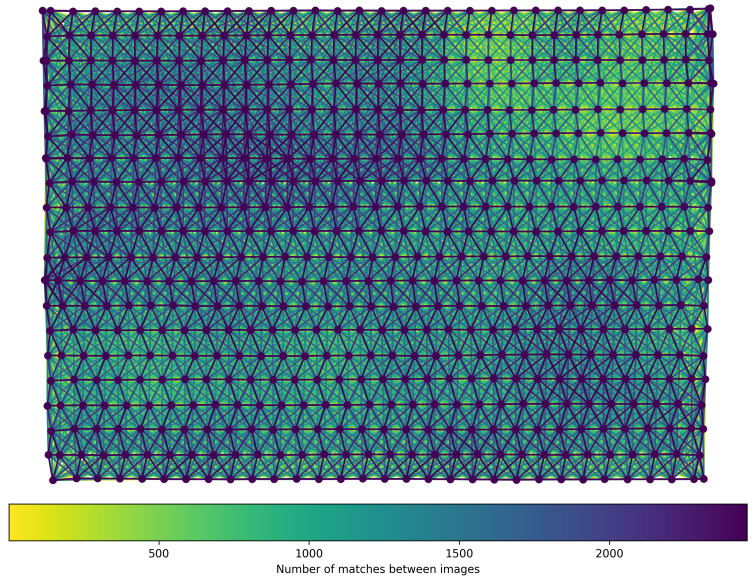
	Min.	Max.	Mean	Median
Detected	7375	10403	8929	8919
Reconstructed	4766	8192	6659	6620

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.31 / 0.81 / 0.00044
Average Track Length	5.54 images
Average Track Length (> 2)	7.30 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	251630	121199	76252	54432	41123	33192	28226	23621	19507

Camera Models Details

v2 dji fc6360 1600 1300 perspective 1.1111

	k1	k2	focal
Initial	0.0000	0.0000	1.1111
Optimized	-0.3505	0.1553	1.1426

