

ODM Quality Report

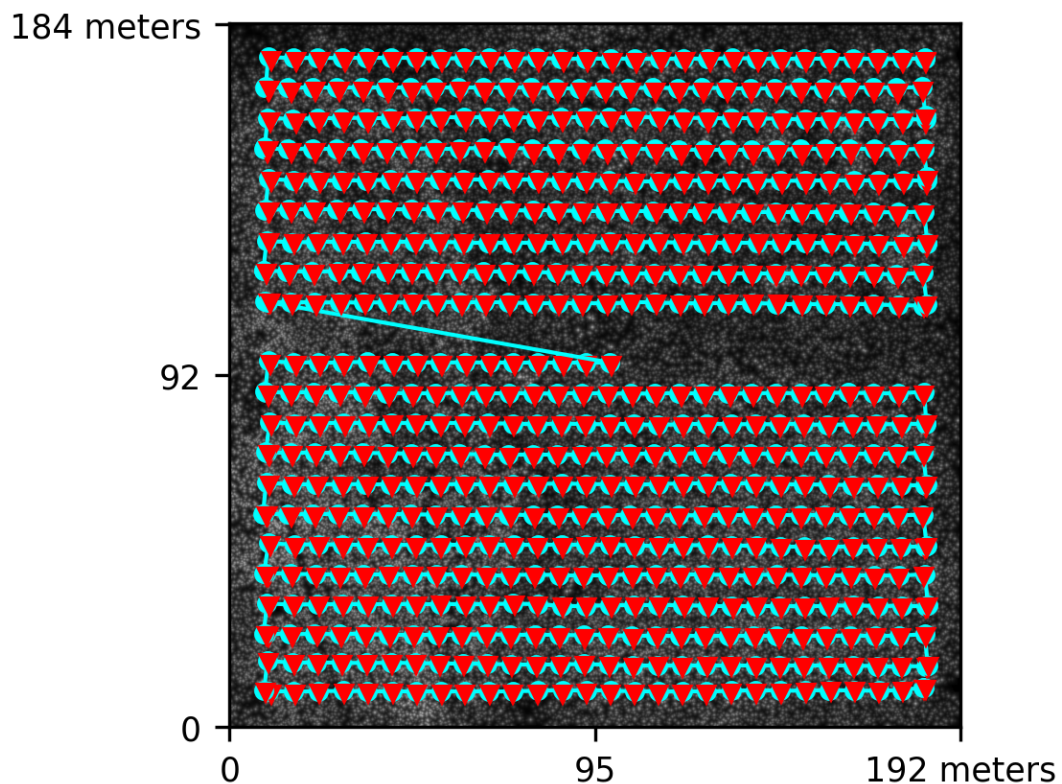
Processed with ODM version 2.8.8

Dataset Summary

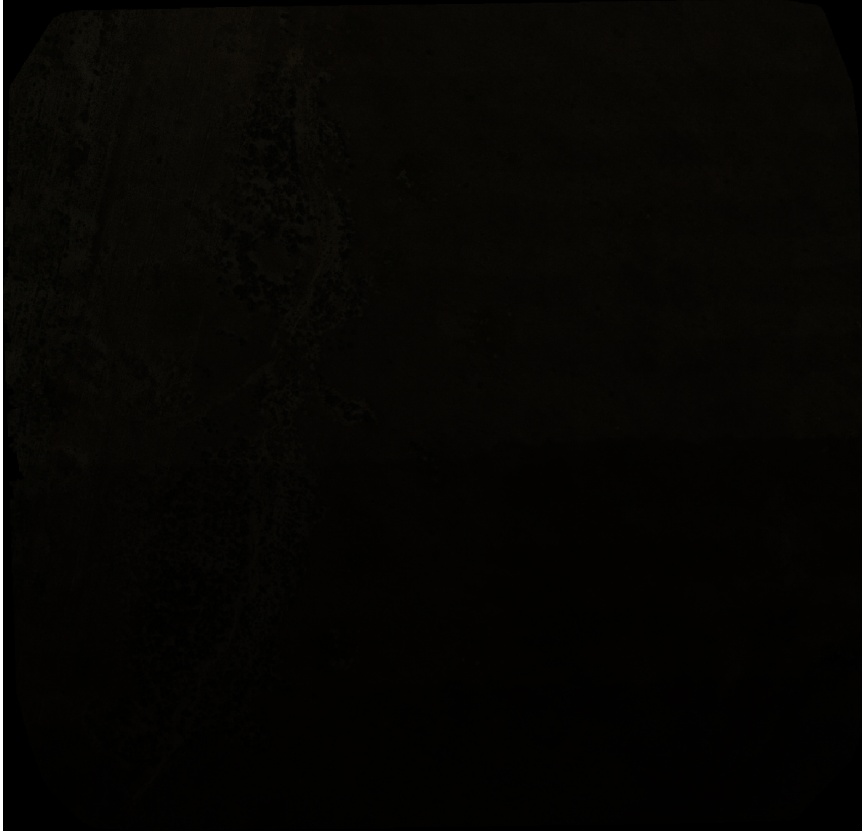
Date	16/08/2022 at 16:34:54
Area Covered	0.029068 km ²
Processing Time	3.0h:41.0m:12.0s
Capture Start	15/06/2022 at 05:29:47
Capture End	15/06/2022 at 06:05:53

Processing Summary

Reconstructed Images	597 over 597 shots (100.0%)
Reconstructed Points (Sparse)	739423 over 757052 points (97.7%)
Reconstructed Points (Dense)	15,670,730 points
Average Ground Sampling Distance (GSD)	1.9 cm
Detected Features	8,041 features
Reconstructed Features	4,826 features
Geographic Reference	GPS and GCP
GPS / GCP errors	3.60 / 0.00 meters



Previews



Orthophoto

Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.432	0.200	0.476
Y Error (meters)	-0.692	0.218	0.725
Z Error (meters)	-3.497	0.418	3.522
Total			3.602

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

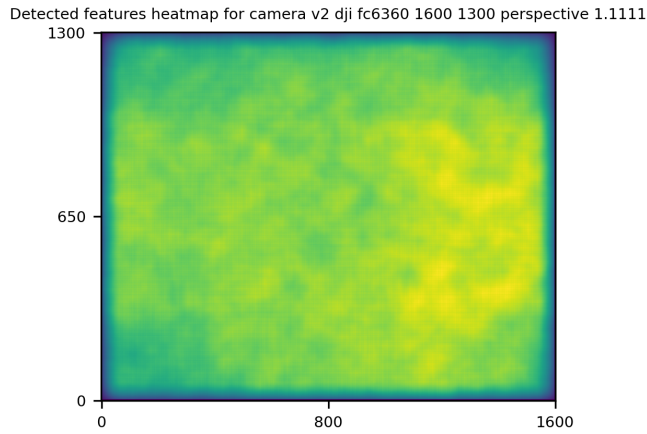
3D	Mean	Sigma	RMS Error
X Error (meters)	0.012	0.012	0.017
Y Error (meters)	0.013	0.014	0.019
Z Error (meters)	0.050	0.052	0.072
Total			0.055

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.000	0.036
Vertical Accuracy LE90 (meters)	0.000	0.114

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

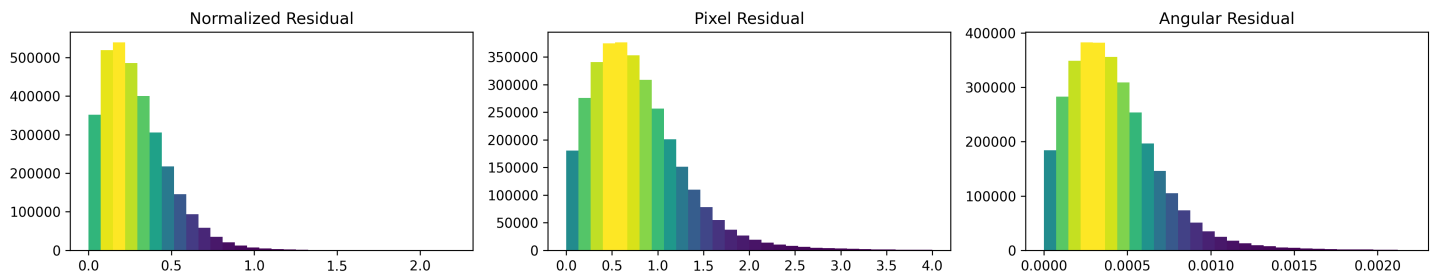
Features Details



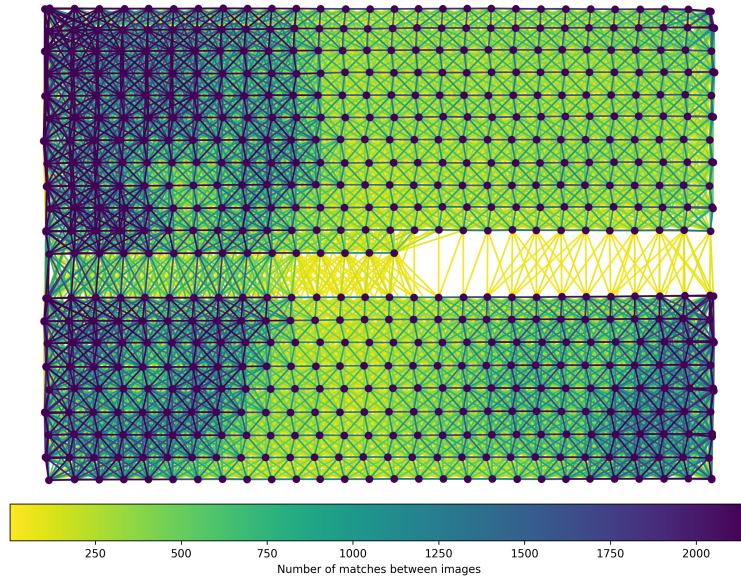
	Min.	Max.	Mean	Median
Detected	6591	11783	8601	8041
Reconstructed	2156	9809	5391	4826

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.29 / 0.77 / 0.00041
Average Track Length	4.35 images
Average Track Length (> 2)	5.92 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	295394	133466	77697	52145	38508	30238	24141	19435	16102

Camera Models Details

v2 dji fc6360 1600 1300 perspective 1.1111

	k1	k2	focal
Initial	0.0000	0.0000	1.1111
Optimized	-0.3589	0.1644	1.1579

