

ODM Quality Report

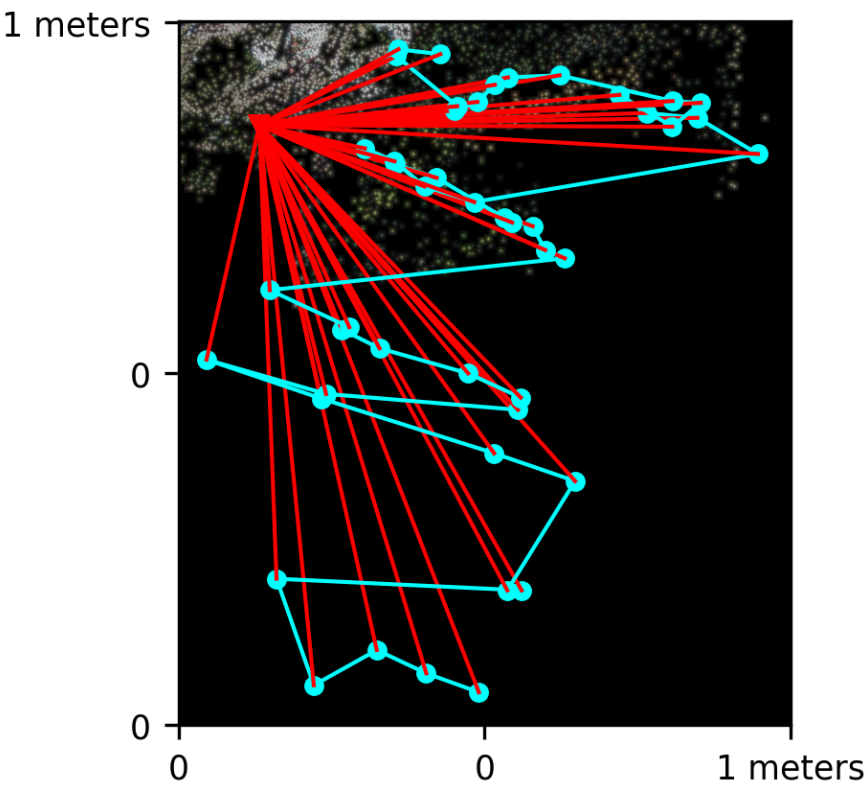
Processed with ODM version 2.7.1

Dataset Summary

Date	27/02/2022 at 16:51:26
Area Covered	0.000000 km²
Processing Time	11.0m:47.0s
Capture Start	19/08/2012 at 18:08:16
Capture End	19/08/2012 at 18:22:22

Processing Summary

Reconstructed Images	46 over 46 shots (100.0%)
Reconstructed Points (Sparse)	43875 over 46259 points (94.8%)
Reconstructed Points (Dense)	1,694,473 points
Average Ground Sampling Distance (GSD)	0.0 cm
Detected Features	9,696 features
Reconstructed Features	4,066 features
Geographic Reference	GPS and GCP
GPS / GCP errors	1.12 / 131.94 meters



Previews



Orthophoto

Survey Data



2 3 4 5+

GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	0.242	0.138	0.279
Y Error (meters)	0.173	0.218	0.278
Z Error (meters)	1.042	0.156	1.054
Total			1.119

GCP	Mean	Sigma	RMS Error
X Error (meters)	-13.582	51.169	52.941
Y Error (meters)	-15.032	106.989	108.039
Z Error (meters)	-68.686	0.840	68.691
Total			131.943

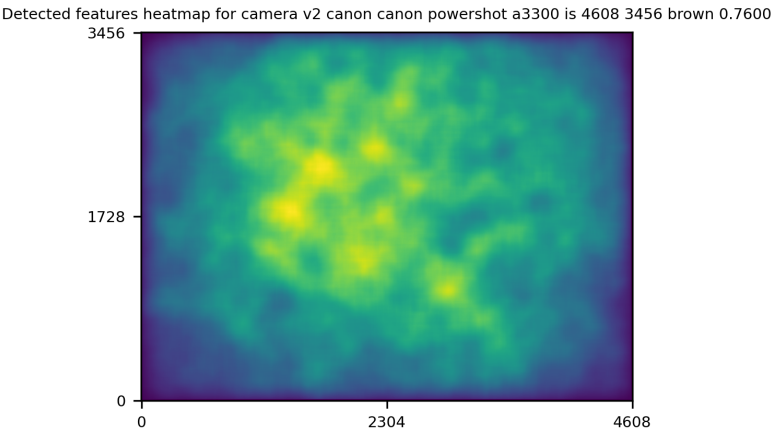
3D	Mean	Sigma	RMS Error
X Error (meters)	0.001	0.003	0.003
Y Error (meters)	0.004	0.009	0.010
Z Error (meters)	0.003	0.007	0.008
Total			0.006

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	186.383	0.011
Vertical Accuracy LE90 (meters)	69.710	0.009

Ground Control Point Error

ID	Error X (m)	Error Y (m)	Error Z (m)
GCP-0	10.885	-113.568	-69.710
GCP-1	-27.597	-75.091	-68.833
GCP-3	20.678	9.450	-69.205
GCP-4	35.207	183.028	-68.460
GCP-5	-107.083	-78.979	-67.223

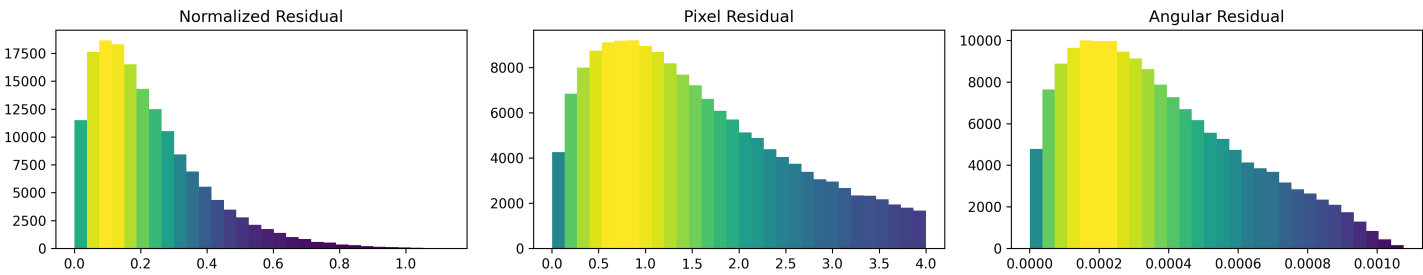
Features Details



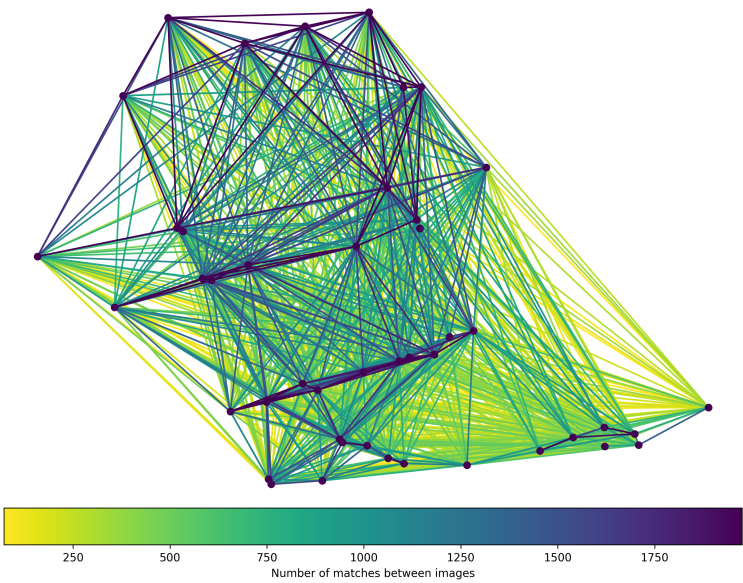
	Min.	Max.	Mean	Median
Detected	9253	10091	9706	9696
Reconstructed	1783	6711	4255	4066

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.22 / 1.51 / 0.00037
Average Track Length	4.46 images
Average Track Length (> 2)	6.57 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	20249	7548	4094	2511	1816	1416	1062	813	694

Camera Models Details

v2 canon canon powershot a3300 is 4608 3456 brown 0.7600

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.7600	1.0000	0.0000	0.0000
Optimized	-0.0400	-0.0041	0.0002	0.0019	-0.0032	0.8053	1.0000	-0.0181	0.0034

