

ODM Quality Report

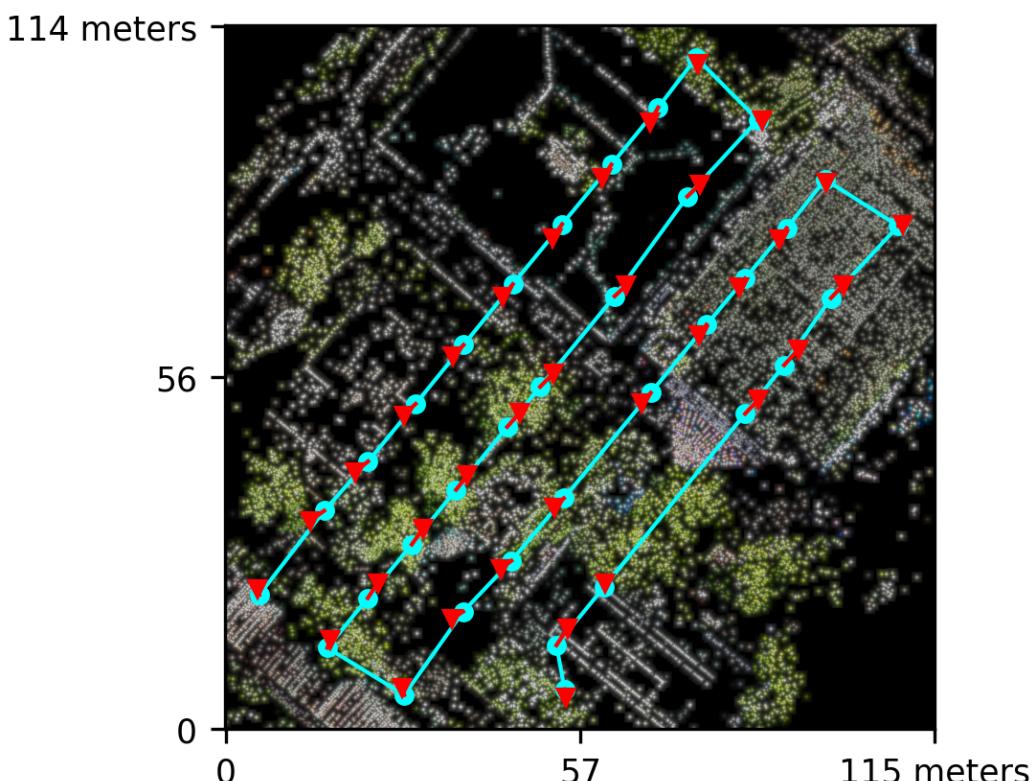
Processed with ODM version 2.9.1

Dataset Summary

Date	23/11/2022 at 04:05:11
Area Covered	0.010660 km ²
Processing Time	6.0m:4.0s
Capture Start	23/11/2022 at 07:53:18
Capture End	23/11/2022 at 07:55:15

Processing Summary

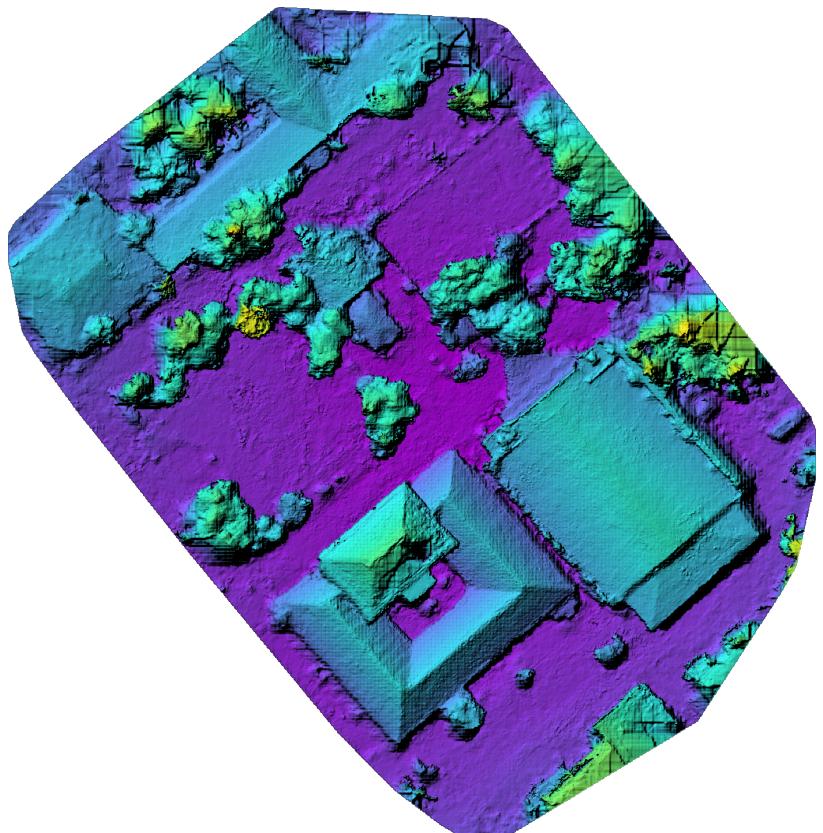
Reconstructed Images	35 over 35 shots (100.0%)
Reconstructed Points (Sparse)	53092 over 53449 points (99.3%)
Reconstructed Points (Dense)	1,024,193 points
Average Ground Sampling Distance (GSD)	2.0 cm
Detected Features	21,635 features
Reconstructed Features	4,567 features
Geographic Reference	GPS
GPS errors	2.28 meters



Previews



Orthophoto



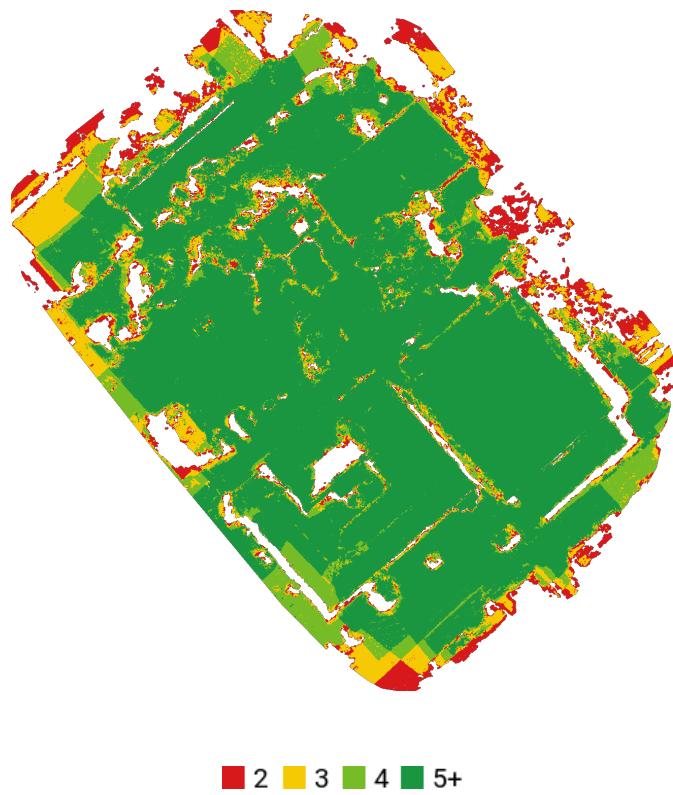
Digital Surface Model



-61.17m

-42.79m

Survey Data



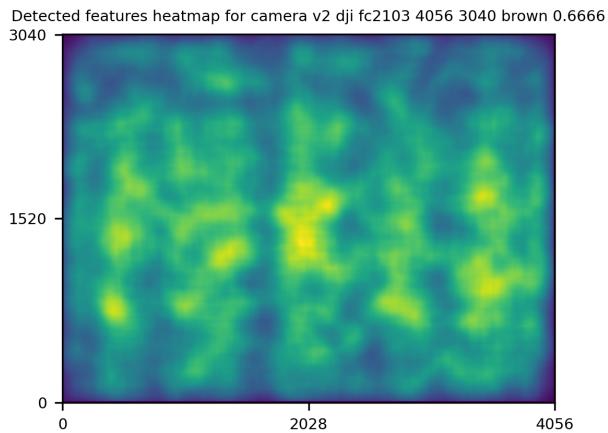
GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.002	1.560	1.560
Y Error (meters)	0.016	1.805	1.805
Z Error (meters)	0.175	0.344	0.386
Total			2.282

3D	Mean	Sigma	RMS Error
X Error (meters)	0.027	0.034	0.043
Y Error (meters)	0.024	0.025	0.034
Z Error (meters)	0.066	0.081	0.105
Total			0.079

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	3.141	0.077
Vertical Accuracy LE90 (meters)	0.654	0.162

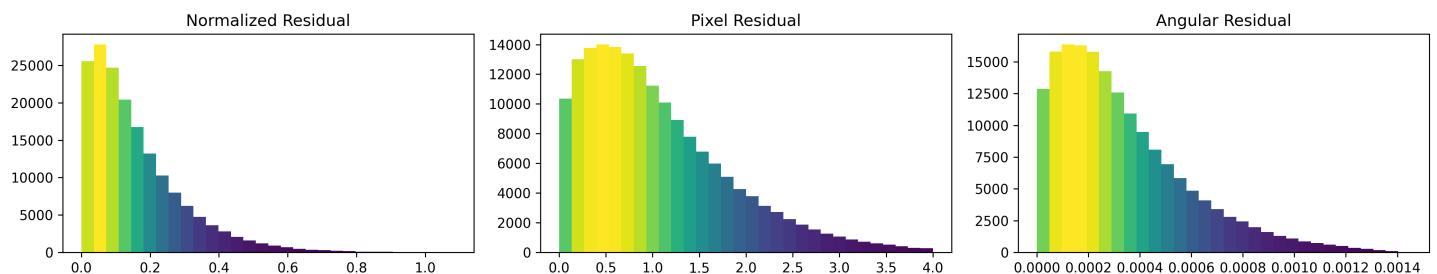
Features Details



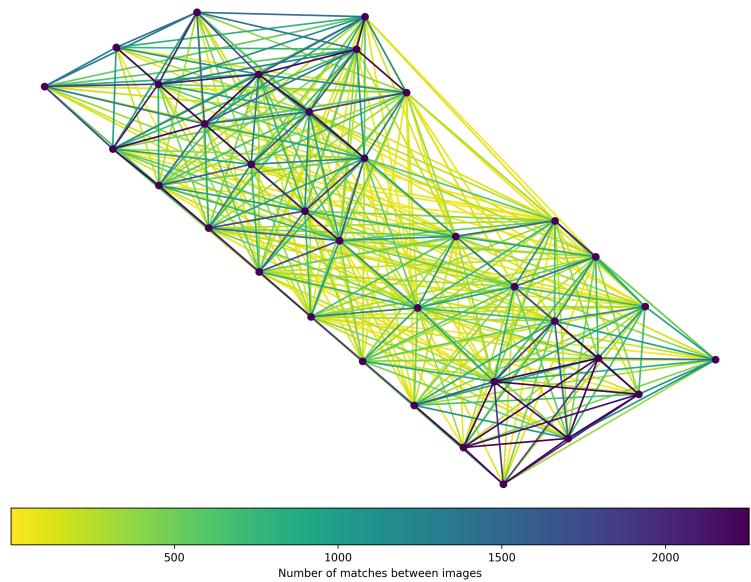
	Min.	Max.	Mean	Median
Detected	10131	30163	20965	21635
Reconstructed	2053	9815	4984	4567

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.16 / 1.05 / 0.00033
Average Track Length	3.29 images
Average Track Length (> 2)	4.73 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	28095	9865	5553	3189	2123	1398	970	713	415

Camera Models Details

v2 dji fc2103 4056 3040 brown 0.6666

	k1	k2	k3	p1	p2	focal	aspect_ratio) cy	
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6667	1.0000	0.0000	0.0000
Optimized	0.1193	-0.3575	0.1960	0.0007	0.0001	0.6759	1.0000	-0.0013	0.0074

