

ODM Quality Report

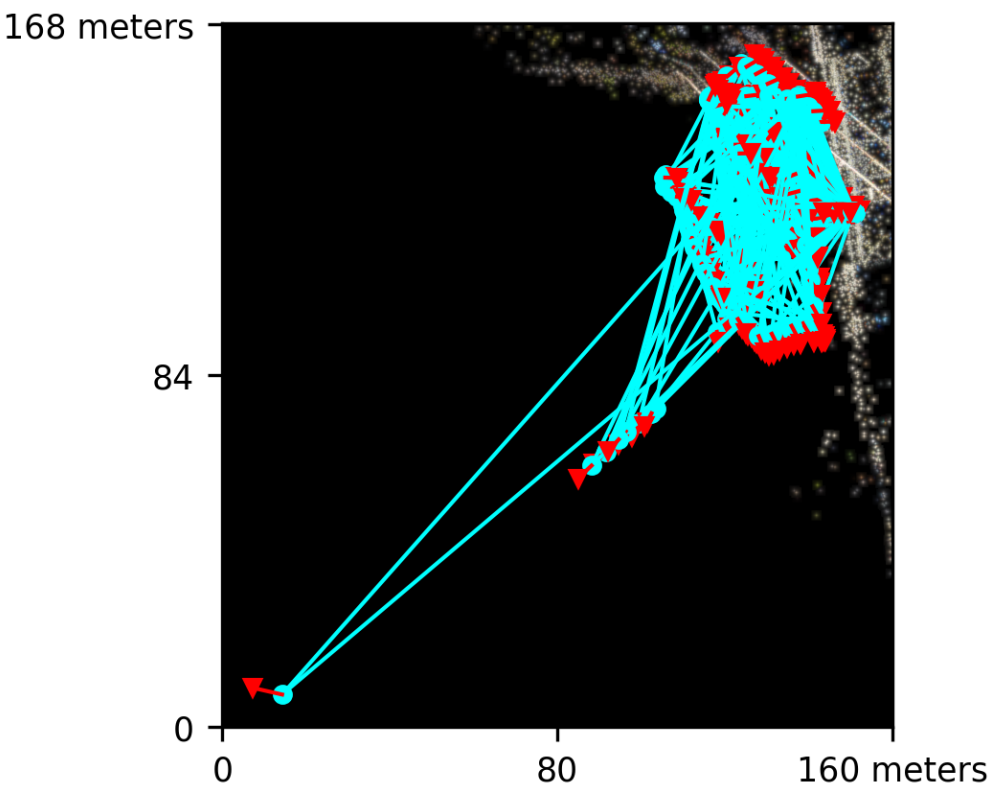
Processed with ODM version 2.8.4

Dataset Summary

Date	19/05/2022 at 05:35:25
Area Covered	0.020689 km²
Processing Time	1.0h:6.0m:11.0s
Capture Start	01/01/1970 at 00:00:00
Capture End	01/01/1970 at 00:00:00

Processing Summary

Reconstructed Images	313 over 313 shots (100.0%)
Reconstructed Points (Sparse)	204918 over 362154 points (56.6%)
Reconstructed Points (Dense)	7,583,951 points
Average Ground Sampling Distance (GSD)	0.4 cm
Detected Features	12,352 features
Reconstructed Features	4,098 features
Geographic Reference	GPS
GPS errors	3.94 meters



Previews



Orthophoto

Survey Data



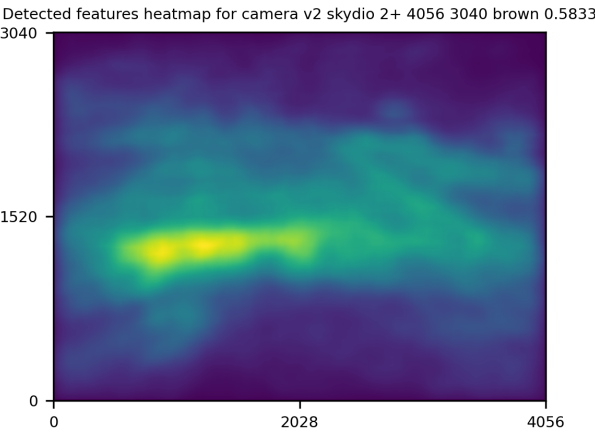
GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.850	3.203	3.314
Y Error (meters)	-0.627	1.706	1.818
Z Error (meters)	-0.022	2.000	2.000
Total			3.936

3D	Mean	Sigma	RMS Error
X Error (meters)	0.069	0.534	0.539
Y Error (meters)	0.088	0.416	0.425
Z Error (meters)	0.031	0.145	0.149
Total			0.158

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	5.087	0.225
Vertical Accuracy LE90 (meters)	3.192	0.045

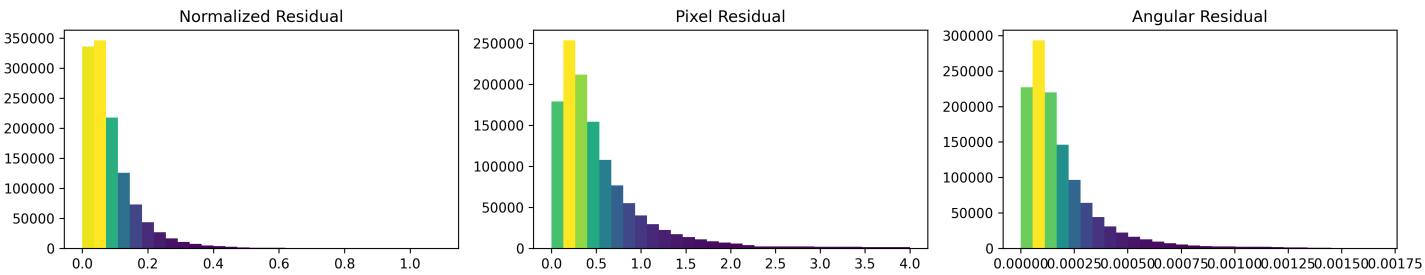
Features Details



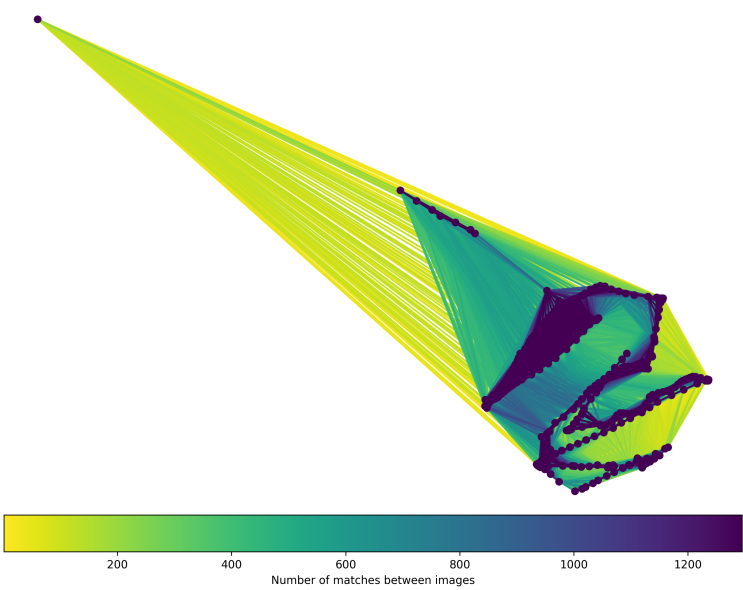
	Min.	Max.	Mean	Median
Detected	10064	17127	12601	12352
Reconstructed	304	6546	4034	4098

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.09 / 0.54 / 0.00019
Average Track Length	6.16 images
Average Track Length (> 2)	8.14 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	66030	35838	23302	16011	11595	8807	6489	5243	4239

Camera Models Details

v2 skydio 2+ 4056 3040 brown 0.5833

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.5833	1.0000	0.0000	0.0000
Optimized	0.1221	-0.2209	0.0896	-0.0004	0.0005	0.5867	1.0000	0.0010	-0.0012

