

# ODM Quality Report

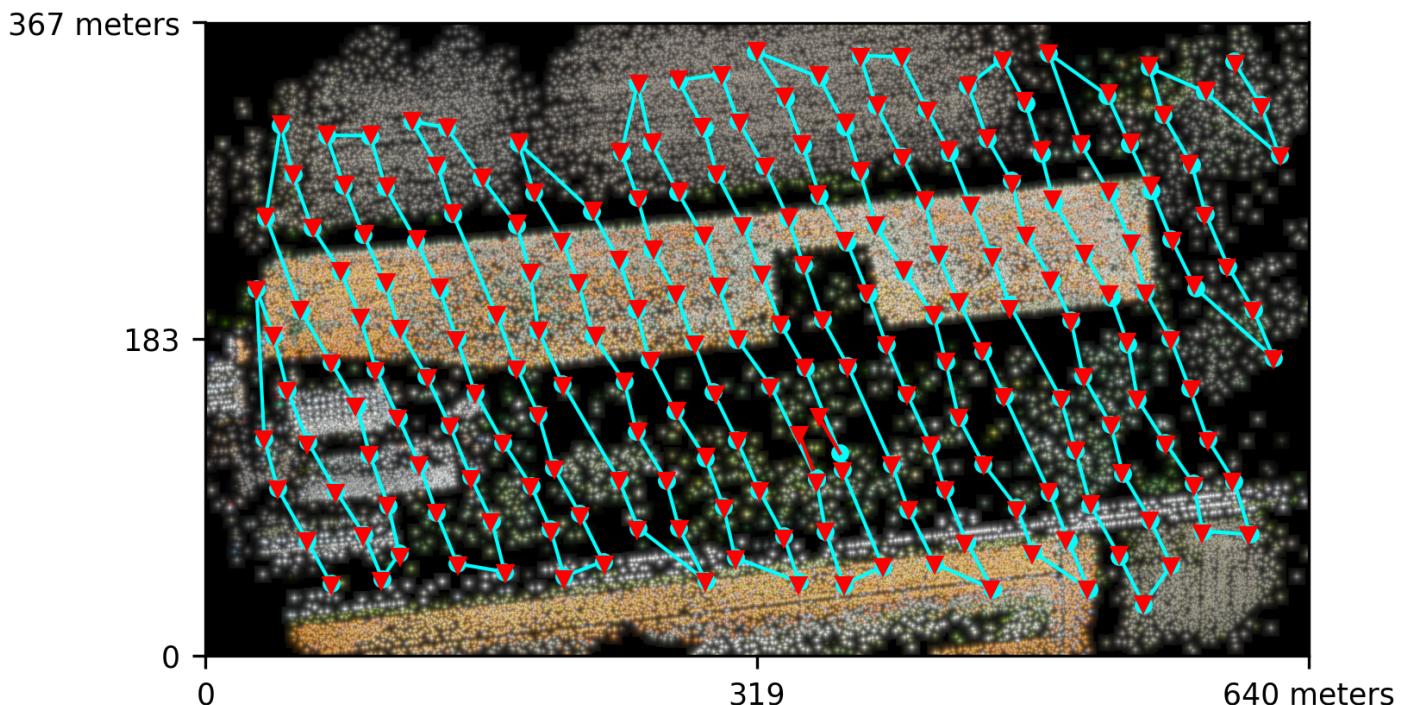
Processed with ODM version 3.4.0

## Dataset Summary

Date	03/03/2024 at 15:44:07
Area Covered	0.190131 km <sup>2</sup>
Processing Time	36.0m:45.0s
Capture Start	19/09/2017 at 10:01:56
Capture End	19/09/2017 at 10:40:44

## Processing Summary

Reconstructed Images	217 over 222 shots (97.7%)
Reconstructed Points (Sparse)	210933 over 214734 points (98.2%)
Reconstructed Points (Dense)	12,212,705 points
Average Ground Sampling Distance (GSD)	2.2 cm
Detected Features	15,000 features
Reconstructed Features	2,804 features
Geographic Reference	GPS
GPS errors	1.24 meters

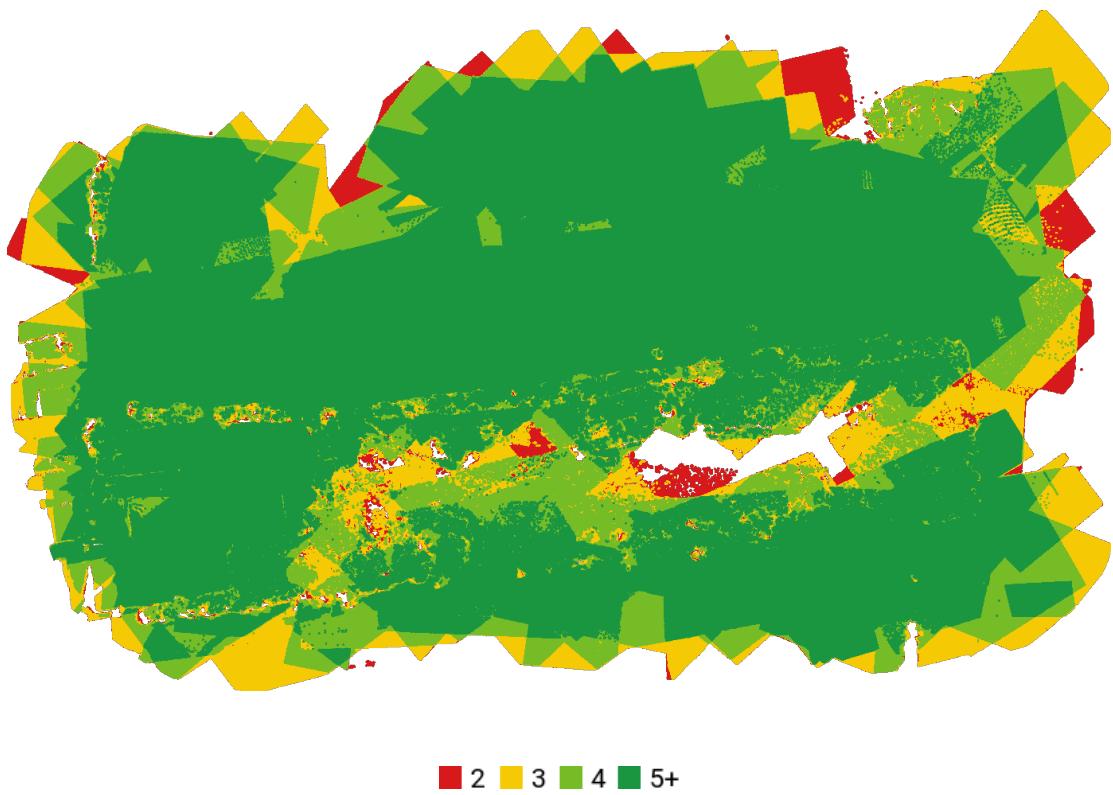


## Previews



Orthophoto

# Survey Data



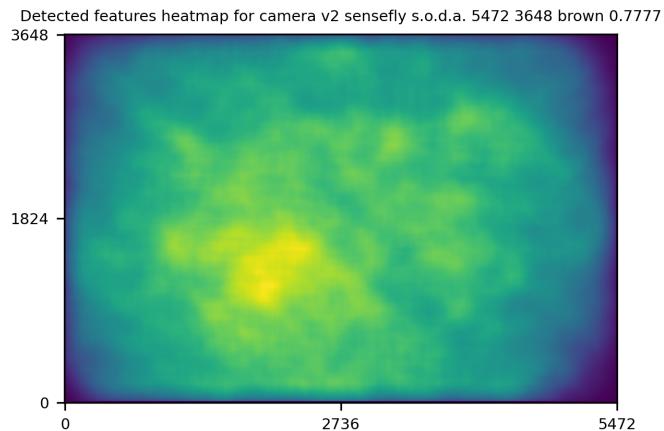
## GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.005	1.186	1.186
Y Error (meters)	-0.013	2.390	2.390
Z Error (meters)	0.000	0.470	0.470
Total			1.237

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.008	0.012	0.014
Y Error (meters)	0.007	0.009	0.012
Z Error (meters)	0.024	0.031	0.040
Total			0.027

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	1.650	0.024
Vertical Accuracy LE90 (meters)	0.714	0.053

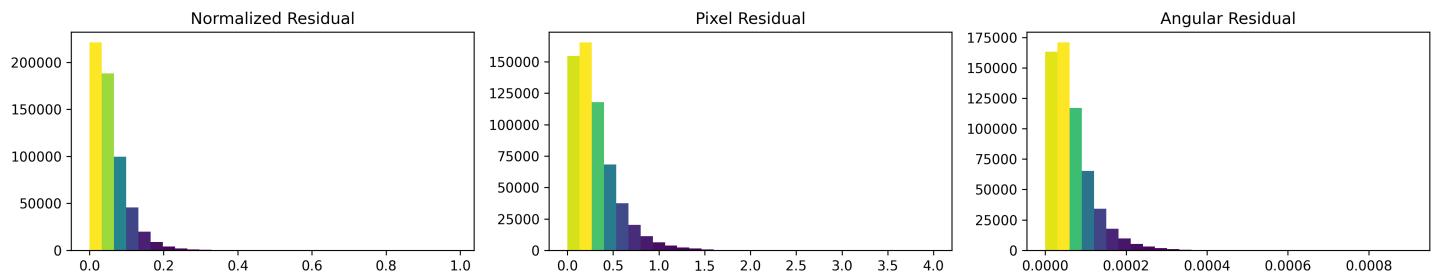
## Features Details



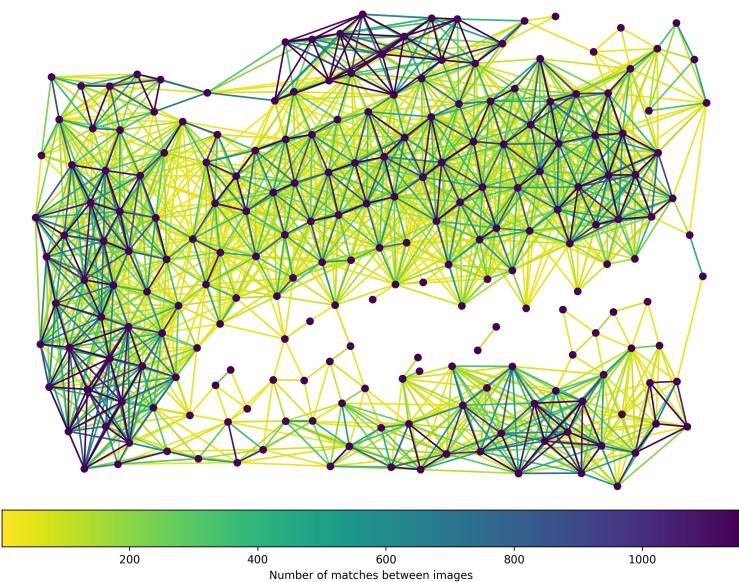
	Min.	Max.	Mean	Median
Detected	10139	15002	14566	15000
Reconstructed	58	7939	2732	2804

## Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.06 / 0.31 / 0.00007
Average Track Length	2.81 images
Average Track Length (> 2)	4.19 images



## Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	132805	38409	17506	9034	5309	3254	1949	1227	684

## Camera Models Details

v2 sensely s.o.d.a. 5472 3648 brown 0.7777

	k1	k2	k3	p1	p2	focal	aspect_ratio	) cy	
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.7778	1.0000	0.0000	0.0000
Optimized	-0.1273	-0.1773	0.2442	-0.0016	-0.0010	0.8016	1.0000	-0.0022	-0.0035

