

# ODM Quality Report

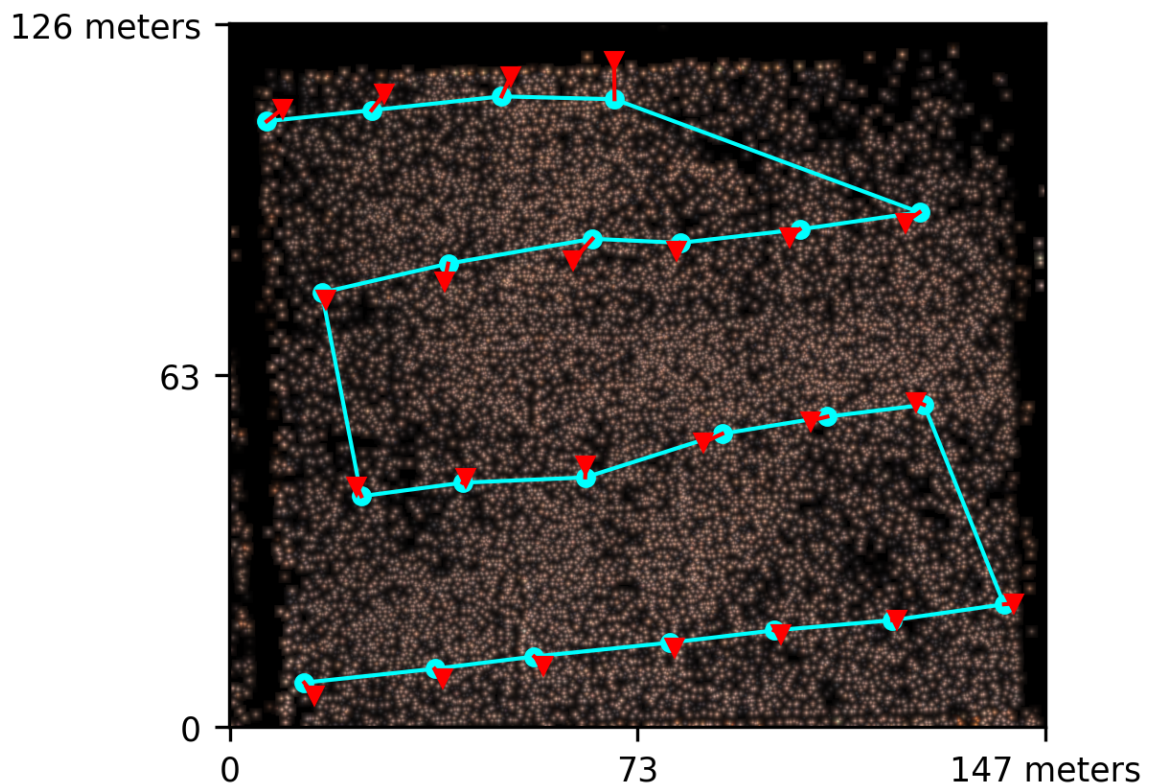
Processed with ODM version 2.6.1

## Dataset Summary

Date	07/09/2021 at 03:04:31
Area Covered	0.013993 km <sup>2</sup>
Processing Time	6.0m:44.0s
Capture Start	01/09/2021 at 21:18:00
Capture End	01/09/2021 at 21:20:11

## Processing Summary

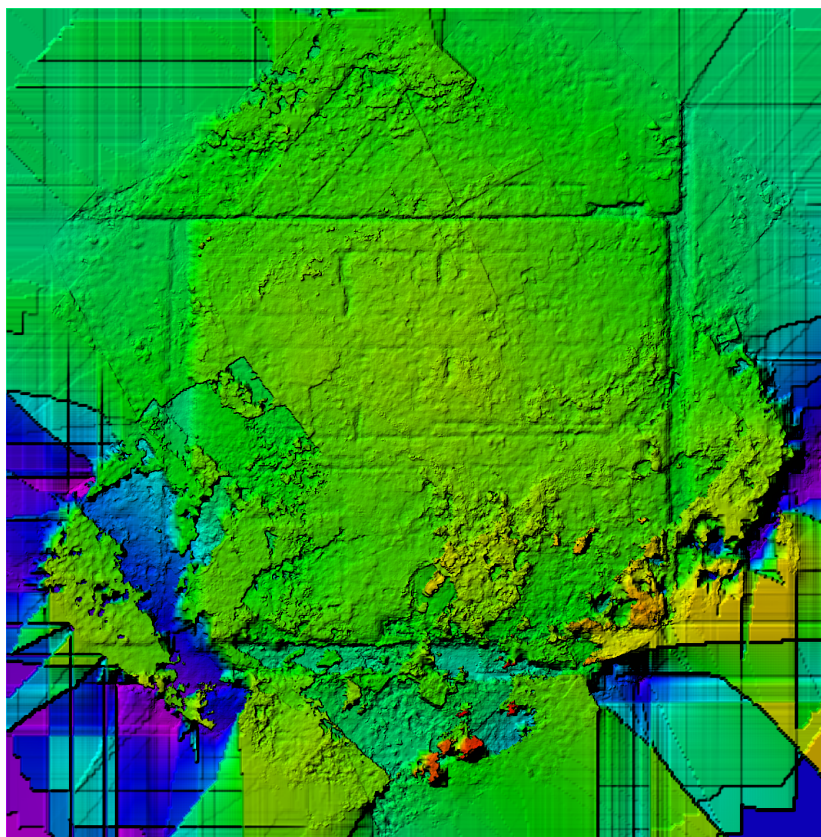
Reconstructed Images	23 over 23 shots (100.0%)
Reconstructed Points (Sparse)	39171 over 41570 points (94.2%)
Reconstructed Points (Dense)	2,350,774 points
Average Ground Sampling Distance (GSD)	3.3 cm
Detected Features	30,355 features
Reconstructed Features	3,821 features
Geographic Reference	GPS
GPS errors	2.78 meters



# Previews



Orthophoto



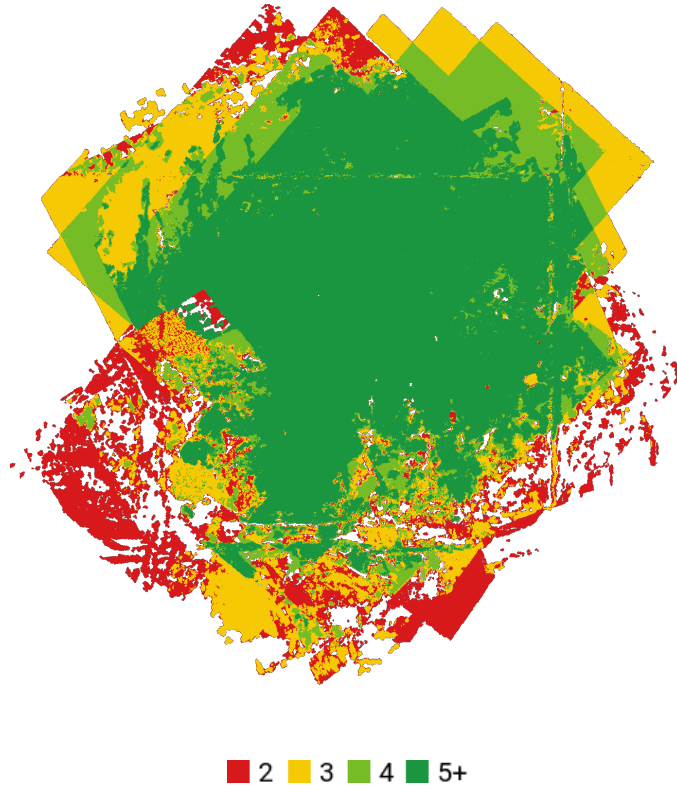
Digital Surface Model



302.28m

326.78m

# Survey Data



## GPS/GCP/3D Errors Details

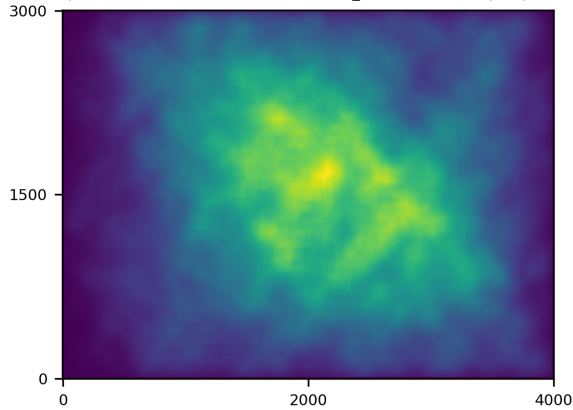
GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.001	1.824	1.824
Y Error (meters)	0.010	2.399	2.399
Z Error (meters)	0.000	0.779	0.779
Total			2.782

3D	Mean	Sigma	RMS Error
X Error (meters)	0.050	0.136	0.145
Y Error (meters)	0.041	0.074	0.085
Z Error (meters)	0.211	0.457	0.503
Total			0.229

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	3.946	0.141
Vertical Accuracy LE90 (meters)	1.177	0.342

# Features Details

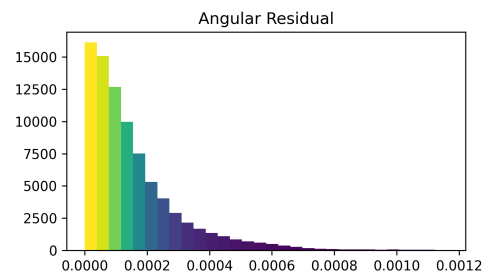
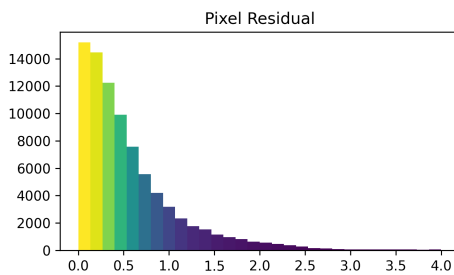
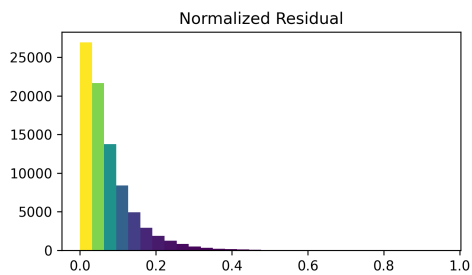
Detected features heatmap for camera v2 sentera 5.4mm-0001\_0015 4000 3000 perspective 0.8709 redgarbagenir



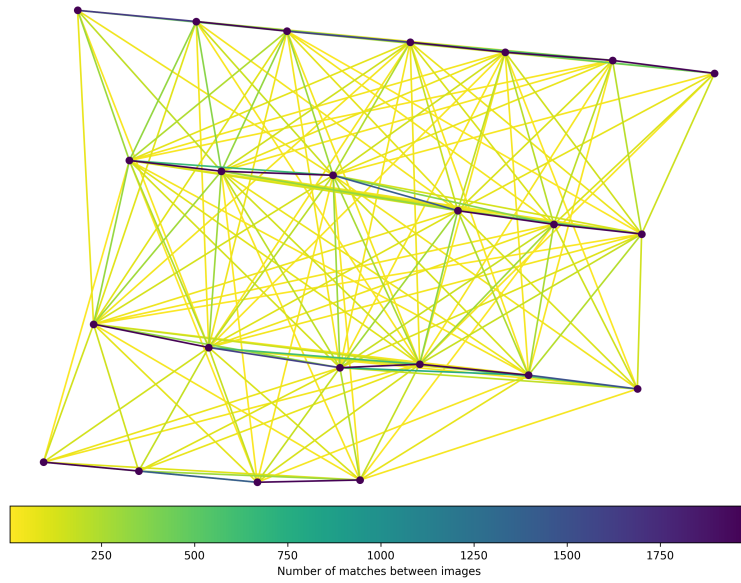
	Min.	Max.	Mean	Median
Detected	15671	41092	29432	30355
Reconstructed	1637	5989	3836	3821

# Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.07 / 0.56 / 0.00015
Average Track Length	2.25 images
Average Track Length (> 2)	3.62 images



# Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	33073	4197	1070	384	190	122	44	34	23

# Camera Models Details

**v2 sentera 5.4mm-0001\_0015 4000 3000 perspective 0.8709 redgarbagenir**

	k1	k2	focal
Initial	0.0000	0.0000	0.8710
Optimized	-0.0338	0.0593	0.8530

