ODM Quality Report

Dataset Summary

Date	11/10/2021 at 20:38:29
Area Covered	0.001694 km²
Processing Time	9.0m:5.0s
Capture Start	24/04/2021 at 21:03:12
Capture End	24/04/2021 at 21:03:25

Processing Summary

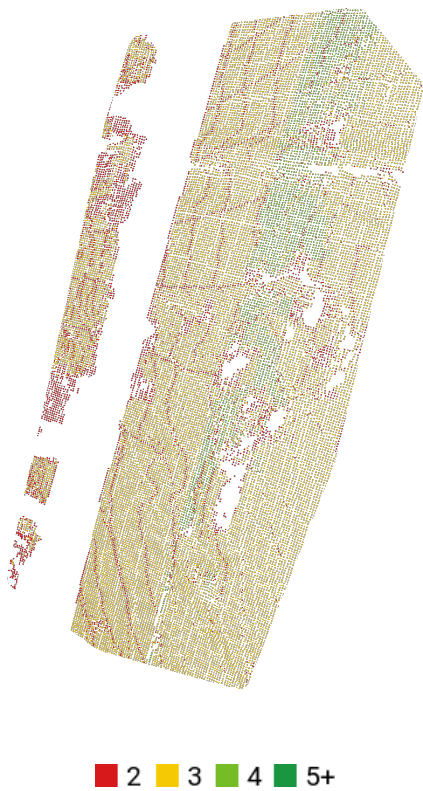|	
Reconstructed Images	5 over 5 shots (100.0%)
Reconstructed Points (Sparse)	3372 over 3825 points (88.2%)
Reconstructed Points (Dense)	32,357 points
Average Ground Sampling Distance (GSD)	15.6 cm
Detected Features	5,530 features
Reconstructed Features	1,707 features
Geographic Reference	GPS
GPS errors	0.18 meters
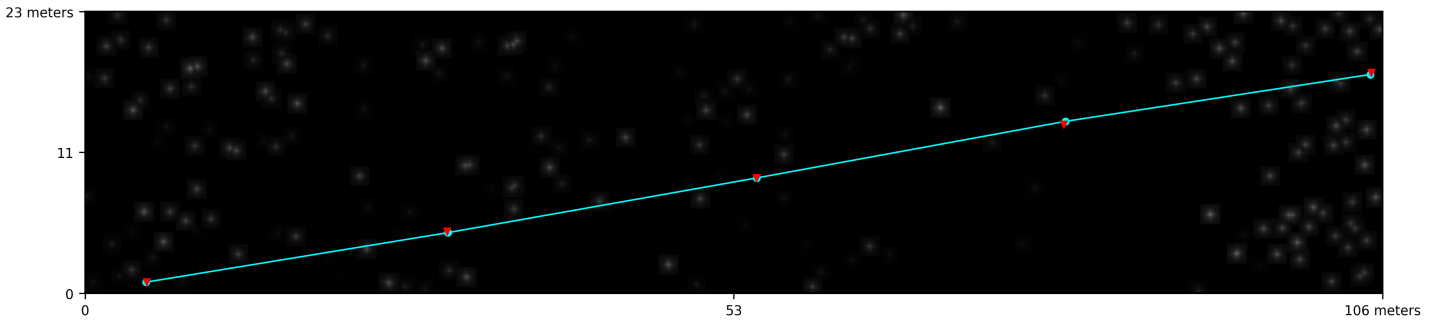
Previews
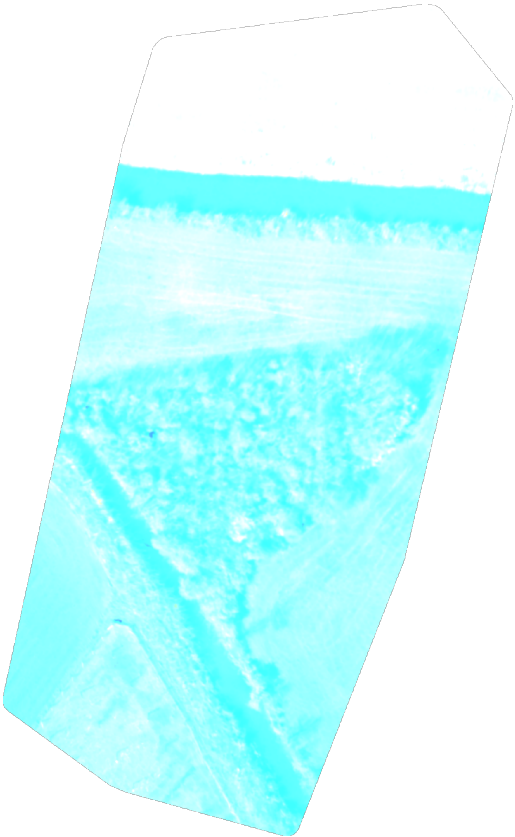
Orthophoto

Survey Data

■ 2 ■ 3 ■ 4 ■ 5+

GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.000	0.080	0.080
Y Error (meters)	-0.001	0.153	0.153
Z Error (meters)	0.001	0.092	0.092
Total			0.178

3D	Mean	Sigma	RMS Error
X Error (meters)	0.103	0.138	0.172
Y Error (meters)	0.205	0.259	0.330
Z Error (meters)	0.222	0.269	0.349
Total			0.342

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.303	0.513
Vertical Accuracy LE90 (meters)	0.179	0.504

Features Details

Detected features heatmap for camera v2 xag sequoia 1280 720 brown 0.3611 rgb
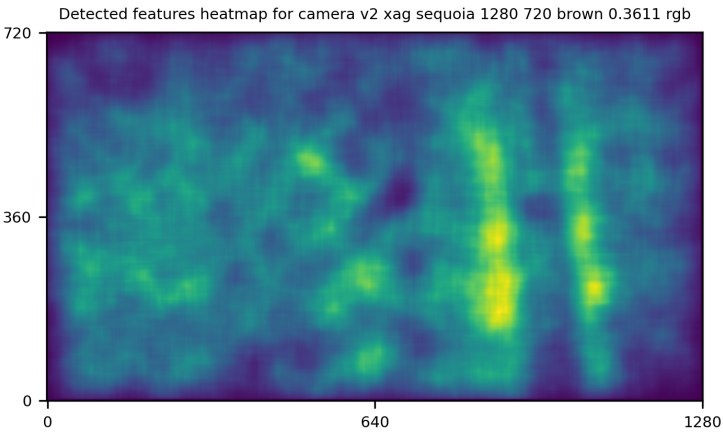
	Min.	Max.	Mean	Median
Detected	5072	5684	5417	5530
Reconstructed	345	2339	1619	1707

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.14 / 0.78 / 0.00111
Average Track Length	2.40 images
Average Track Length (> 2)	3.19 images

Tracks Details
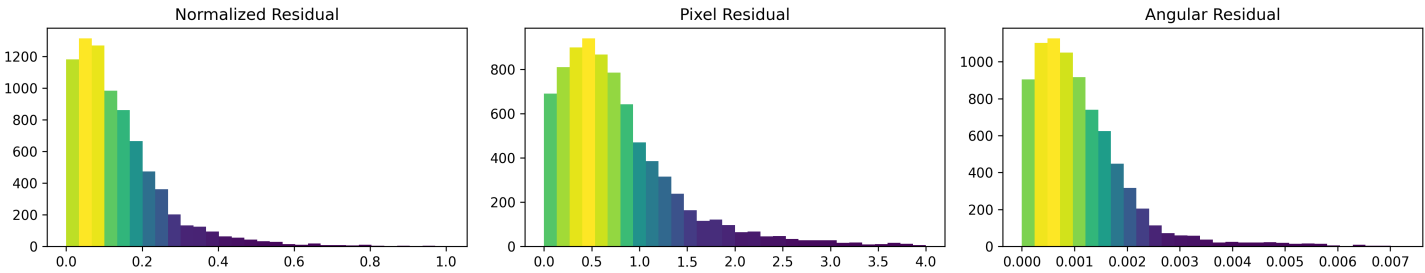
Number of matches between images
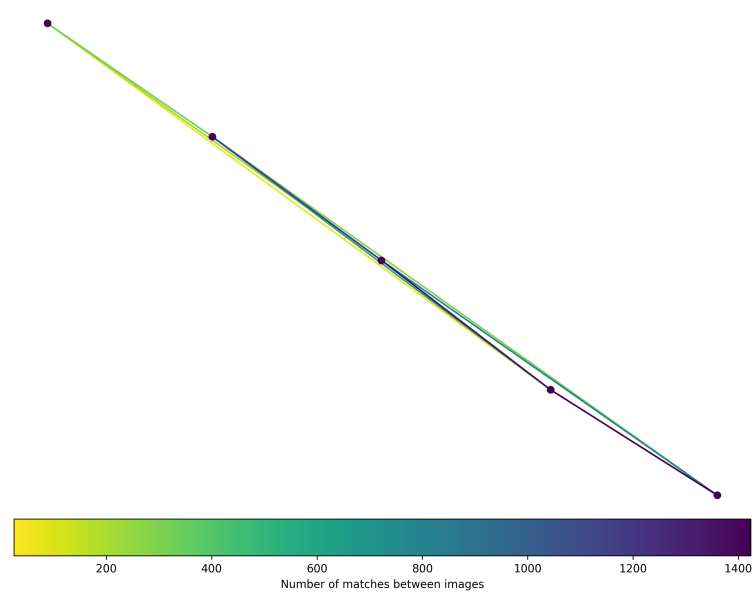
Length	2	3	4
Count	2237	918	217

Camera Models Details

v2 xag sequoia 1280 720 brown 0.3611 rgb

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.3611	1.0000	0.0000	0.0000
Optimized	-0.0247	0.0016	0.0002	0.0438	0.0017	0.3966	1.0000	0.0356	0.0709

Residual grid scale : 0.13

Residual Norm