

ODM Quality Report

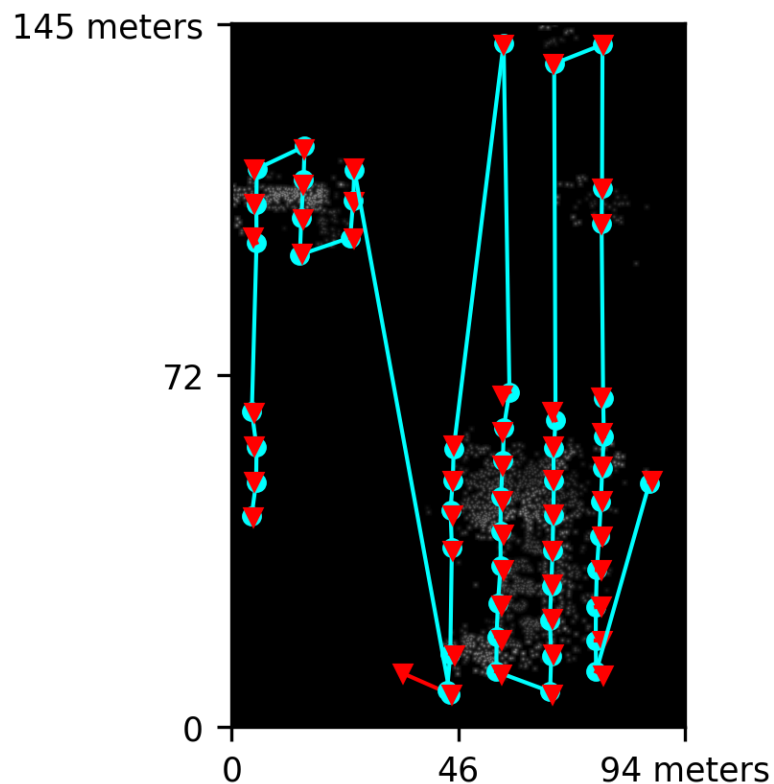
Processed with ODM version 3.1.7

Dataset Summary

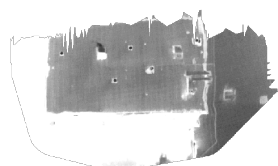
Date	21/07/2023 at 13:27:03
Area Covered	0.011009 km ²
Processing Time	7.0m:3.0s
Capture Start	20/07/2023 at 15:47:37
Capture End	20/07/2023 at 15:55:13

Processing Summary

Reconstructed Images	54 over 166 shots (32.5%)
Reconstructed Points (Sparse)	2817 over 5659 points (49.8%)
Reconstructed Points (Dense)	704,789 points
Average Ground Sampling Distance (GSD)	2.9 cm
Detected Features	911 features
Reconstructed Features	140 features
Geographic Reference	GPS
GPS errors	1.77 meters

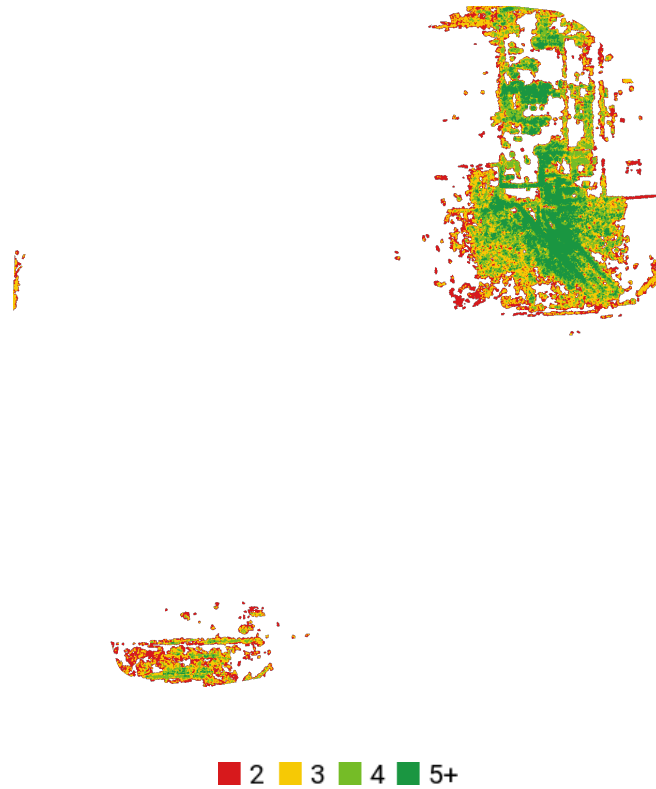


Previews



Orthophoto

Survey Data



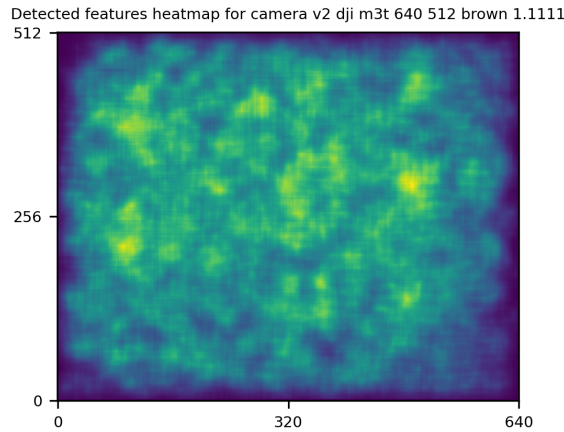
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.056	1.461	1.462
Y Error (meters)	0.024	0.794	0.795
Z Error (meters)	-0.002	1.850	1.850
Total			1.768

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.099	0.246	0.265
Y Error (meters)	0.066	0.115	0.133
Z Error (meters)	0.162	0.326	0.364
Total			0.222

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	1.305	0.415
Vertical Accuracy LE90 (meters)	3.016	0.466

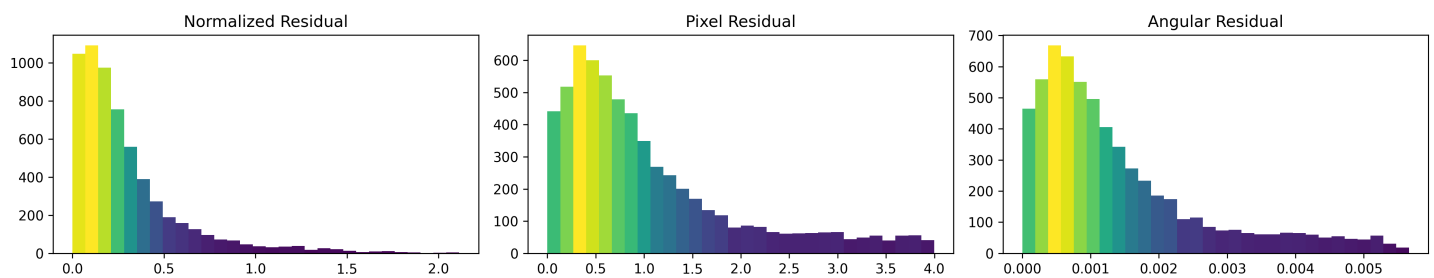
Features Details



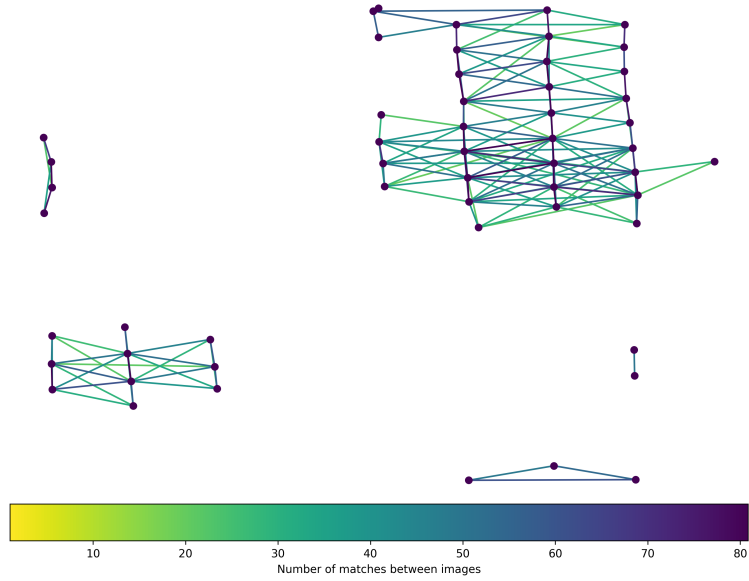
	Min.	Max.	Mean	Median
Detected	744	1114	914	911
Reconstructed	38	285	144	140

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.30 / 1.04 / 0.00141
Average Track Length	2.85 images
Average Track Length (> 2)	4.13 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	1692	572	219	136	95	51	30	10	12

Camera Models Details

v2 dji m3t 640 512 brown 1.1111

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	1.1111	1.0000	0.0000	0.0000
Optimized	-0.0463	-0.0138	-0.0036	0.0145	-0.0348	1.0971	1.0000	-0.0017	0.0034

