

ODM Quality Report

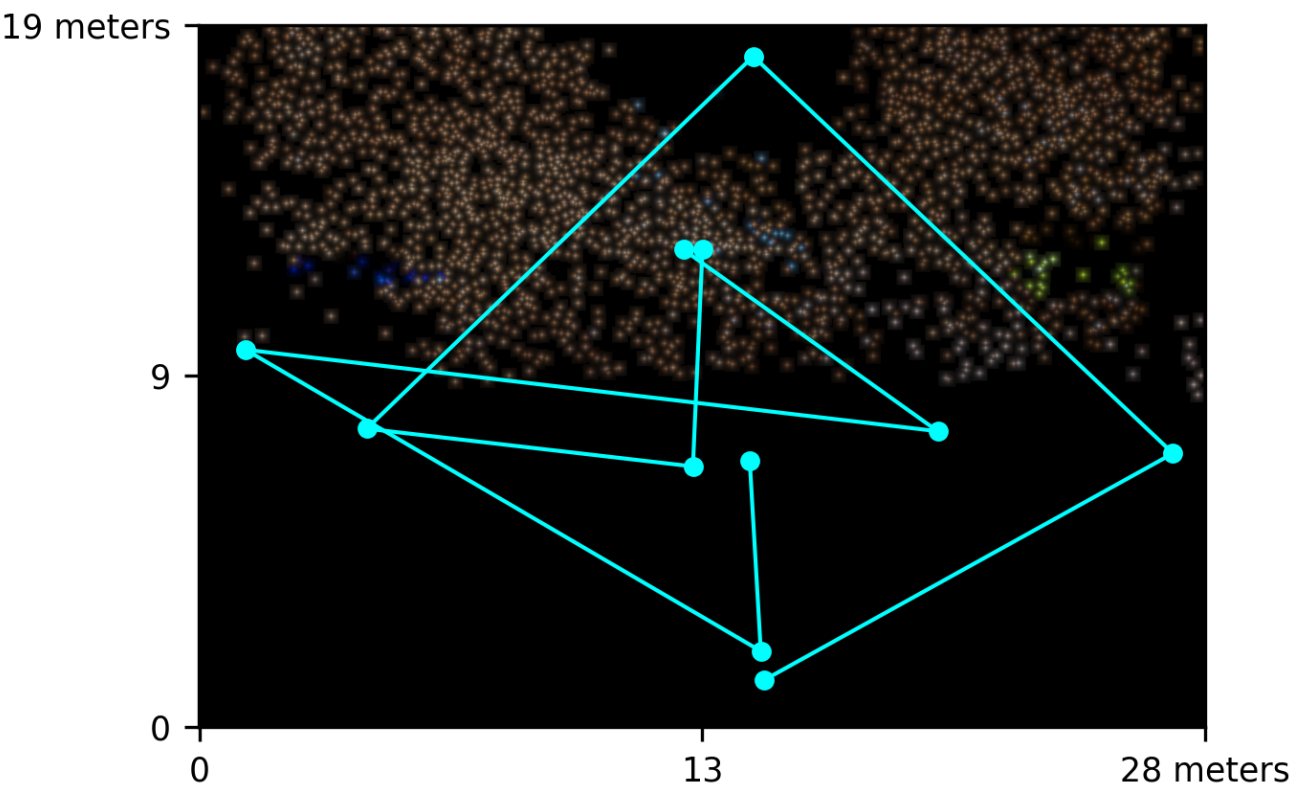
Processed with ODM version 3.5.5

Dataset Summary

Date	11/04/2025 at 19:35:42
Area Covered	0.000575 km²
Processing Time	2.0m:27.0s
Capture Start	01/01/1970 at 00:00:00
Capture End	01/01/1970 at 00:00:00

Processing Summary

Reconstructed Images	11 over 11 shots (100.0%)
Reconstructed Points (Sparse)	6590 over 6749 points (97.6%)
Reconstructed Points (Dense)	740,168 points
Average Ground Sampling Distance (GSD)	1.3 cm
Detected Features	11,882 features
Reconstructed Features	1,565 features
Geographic Reference	GCP
GCP errors	7.69 meters

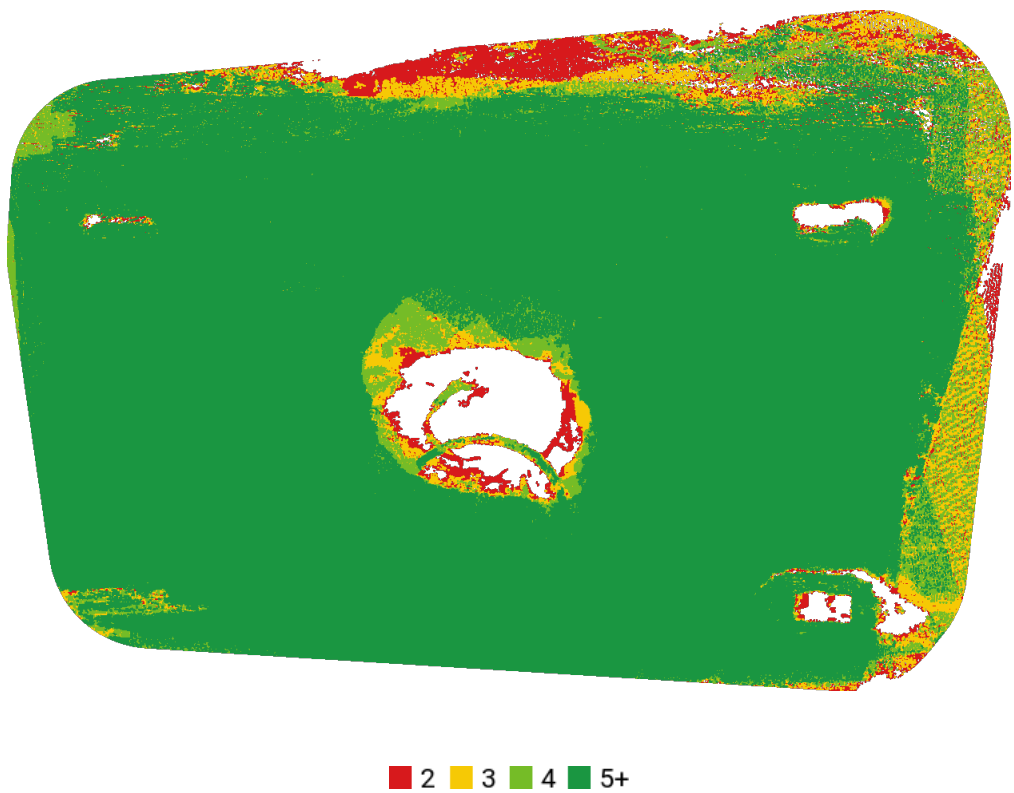


Previews



Orthophoto

Survey Data



GPS/GCP/3D Errors Details

GCP	Mean	Standard Deviation	RMS Error
X Error (meters)	1.173	1.807	2.155
Y Error (meters)	-6.353	6.944	9.412
Z Error (meters)	3.599	4.028	5.402
Total			7.687

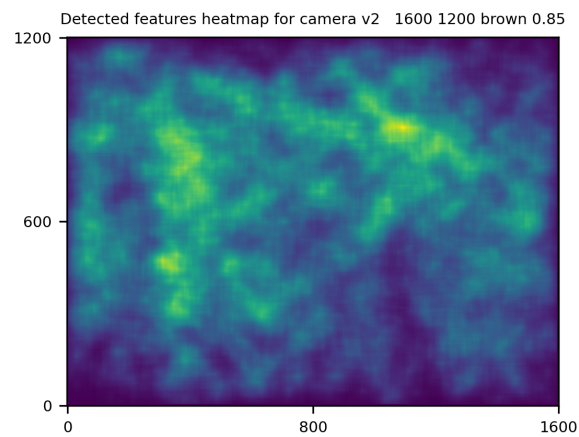
3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.023	0.061	0.065
Y Error (meters)	0.030	0.081	0.086
Z Error (meters)	0.040	0.105	0.112
Total			0.059

Ground Control Point Error

ID	Error X (m)	Error Y (m)	Error Z (m)
GCP-0	-0.049	0.182	-0.348

GCP-1	0.405	-9.228	5.843
GCP-2	4.290	-16.405	9.079
GCP-3	0.047	0.039	-0.178

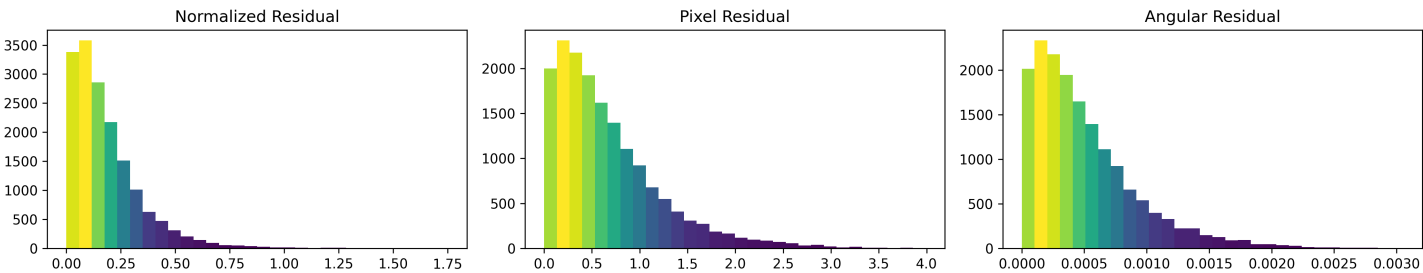
Features Details



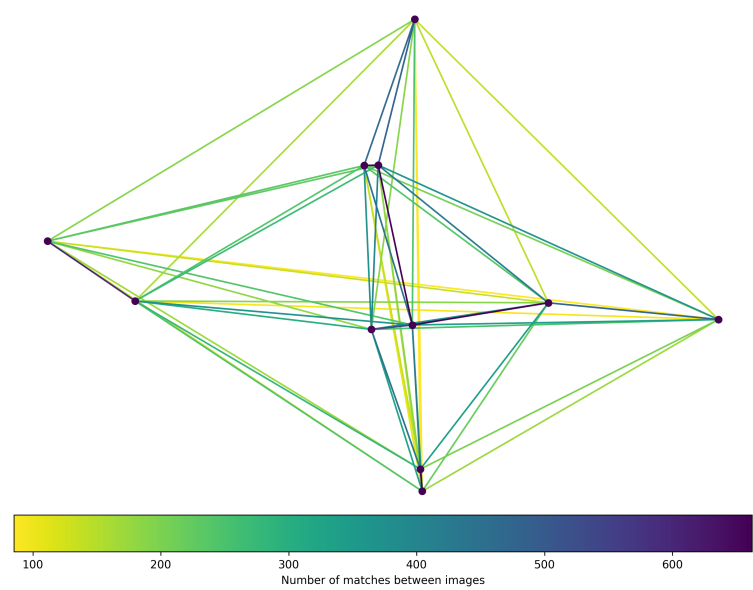
	Min.	Max.	Mean	Median
Detected	11632	12155	11877	11882
Reconstructed	980	2137	1523	1565

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.18 / 0.67 / 0.00050
Average Track Length	2.54 images
Average Track Length (> 2)	3.79 images



Tracks Details

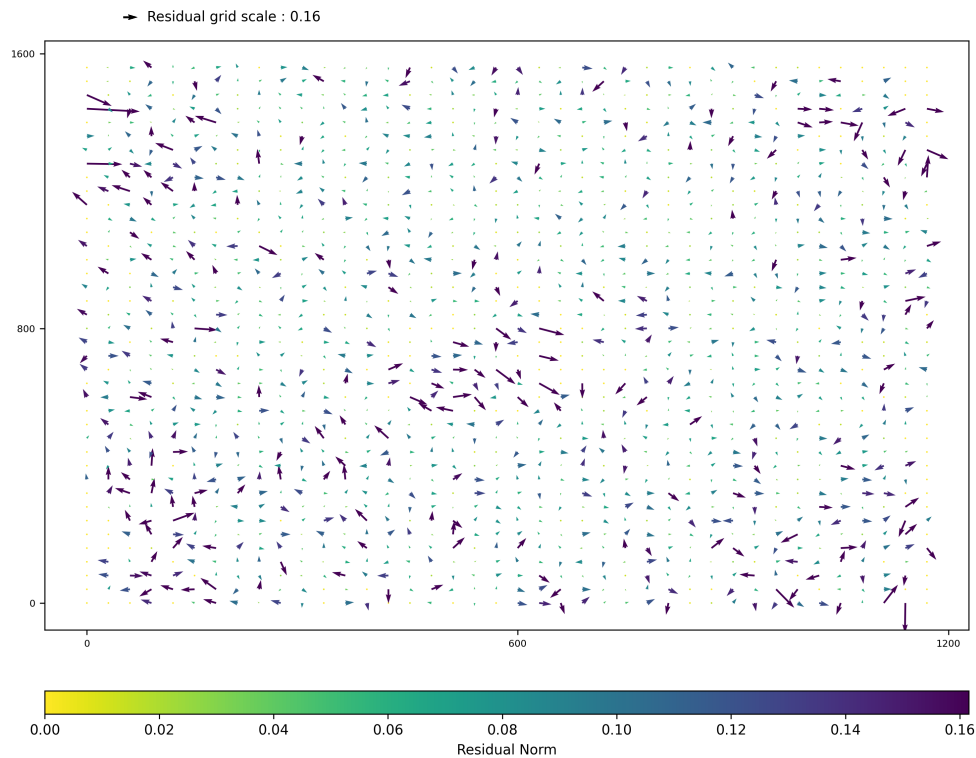


Length	2	3	4	5	6	7	8	9	10
Count	4594	1114	497	202	97	59	16	8	3

Camera Models Details

v2 1200 1600 brown 0.85

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.8500	1.0000	0.0000	0.0000
Optimized	-0.0156	-0.0146	-0.0103	0.0008	-0.0007	0.7237	1.0000	-0.0048	-0.0034



v2 1600 1200 brown 0.85

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.8500	1.0000	0.0000	0.0000
Optimized	-0.0132	-0.0190	-0.0129	0.0002	-0.0006	0.7201	1.0000	0.0018	0.0012

