

Quality Report

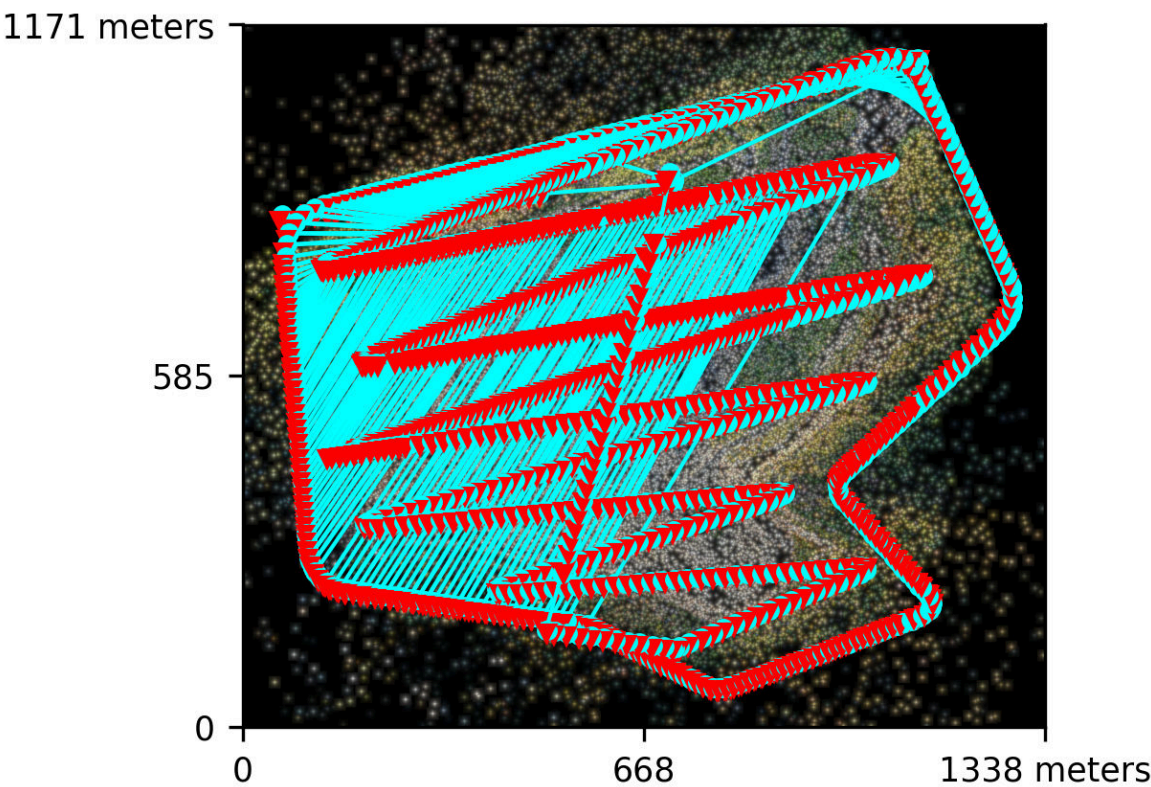
Bitblade Vision · vision.bitblade.io

Dataset Summary

Date	08/10/2026 at 08:48:03
Area Covered	1.283467 km²
Processing Time	5.0h:29.0m:3.0s
Capture Start	02/07/2021 at 20:44:28
Capture End	09/07/2021 at 21:10:35

Processing Summary

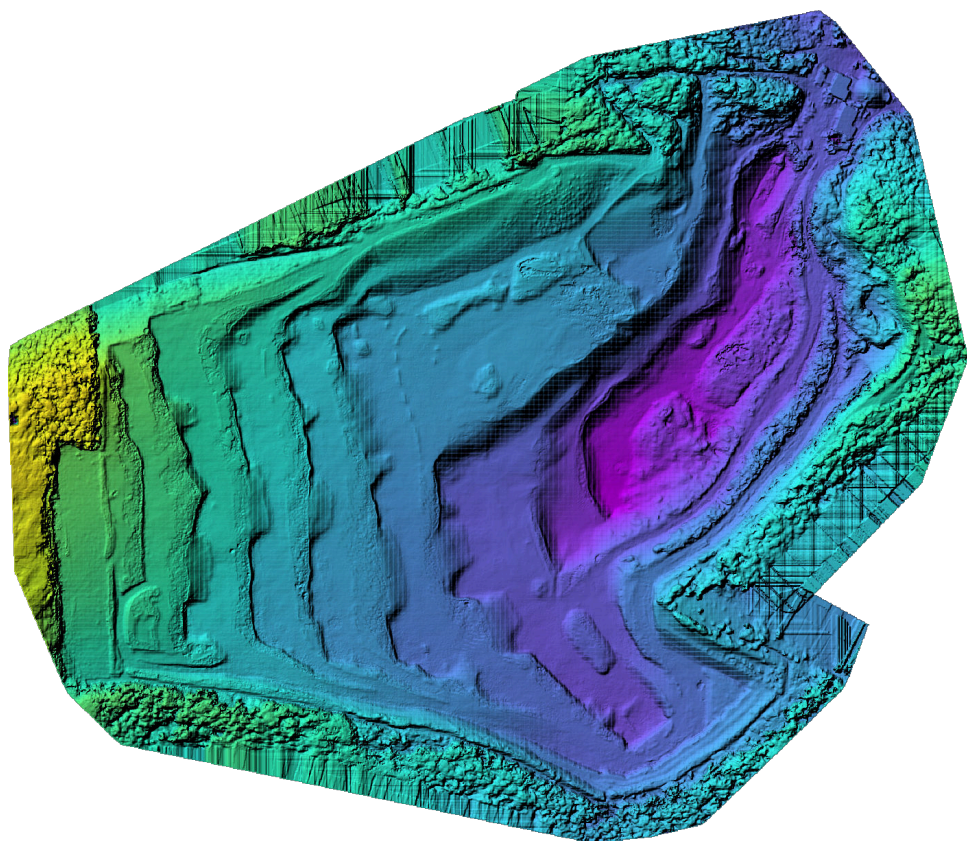
Reconstructed Images	1332 over 1338 shots (99.6%)
Reconstructed Points (Sparse)	1045801 over 1163240 points (89.9%)
Reconstructed Points (Dense)	133,338,611 points
Average Ground Sampling Distance (GSD)	6.7 cm
Detected Features	12,000 features
Reconstructed Features	6,188 features
Geographic Reference	GPS
GPS errors	19.96 meters



Previews



Orthophoto

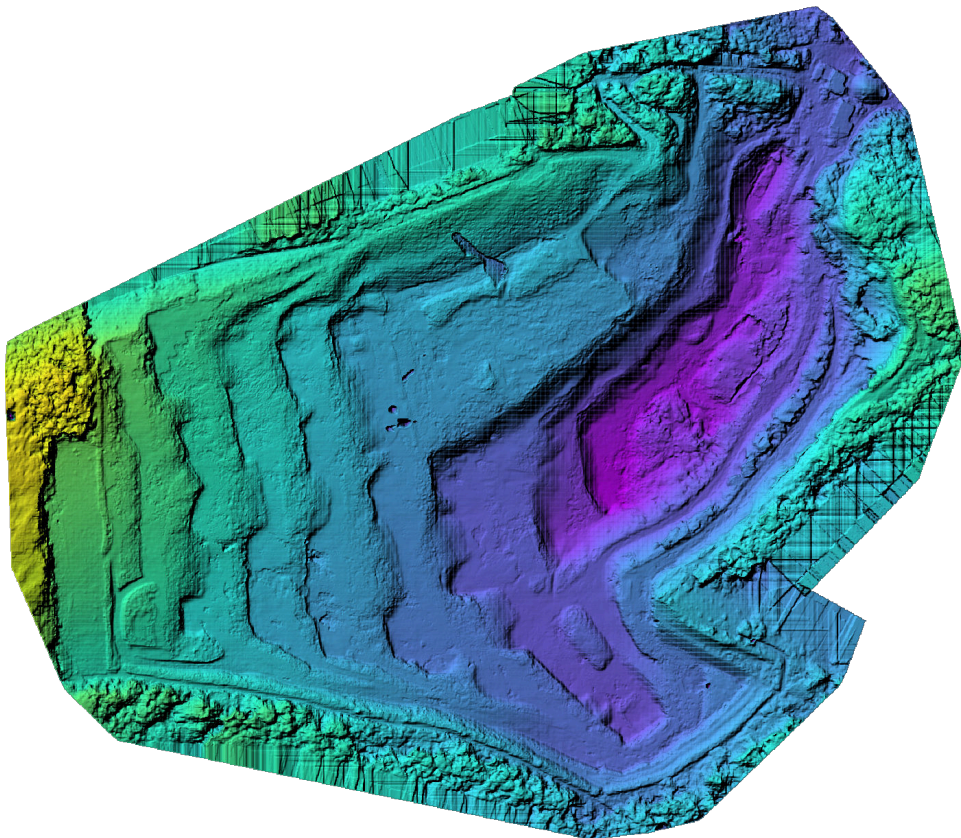


Digital Surface Model



562.39m

710.96m



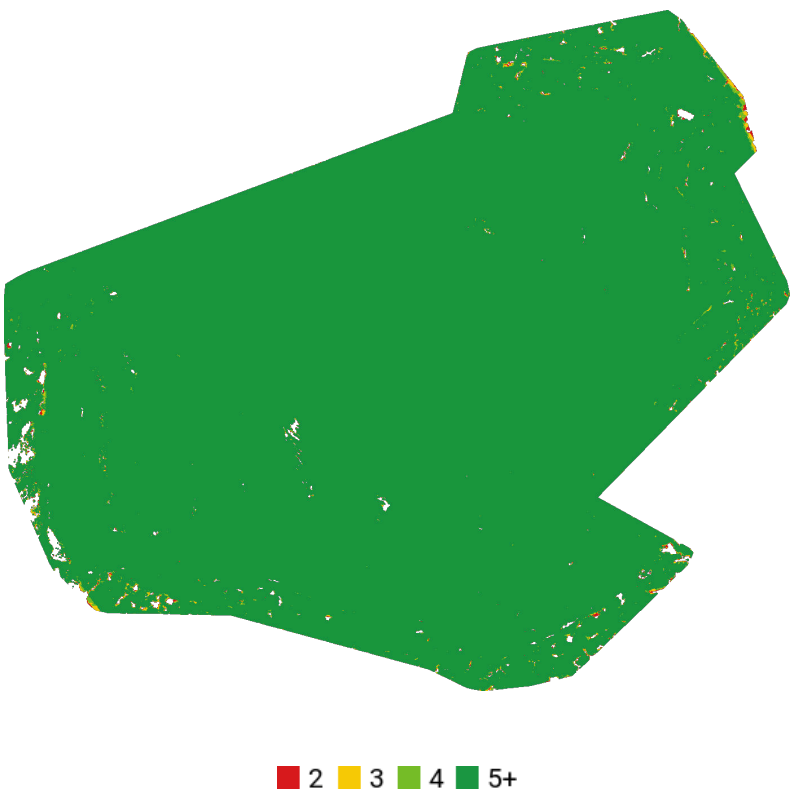
Digital Terrain Model



560.35m

710.87m

Survey Data



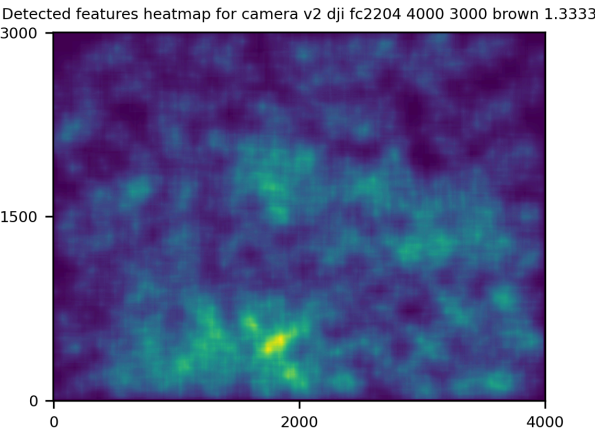
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	2.959	4.654	5.515
Y Error (meters)	3.610	2.784	4.559
Z Error (meters)	15.139	15.864	21.929
Total			19.957

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	1.153	4.976	5.108
Y Error (meters)	1.295	8.193	8.294
Z Error (meters)	0.884	3.284	3.400
Total			2.344

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	11.148	3.470
Vertical Accuracy LE90 (meters)	35.309	1.701

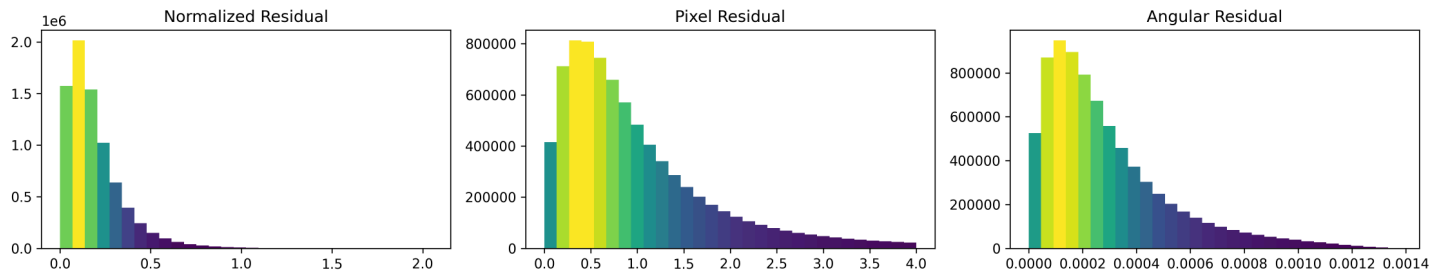
Features Details



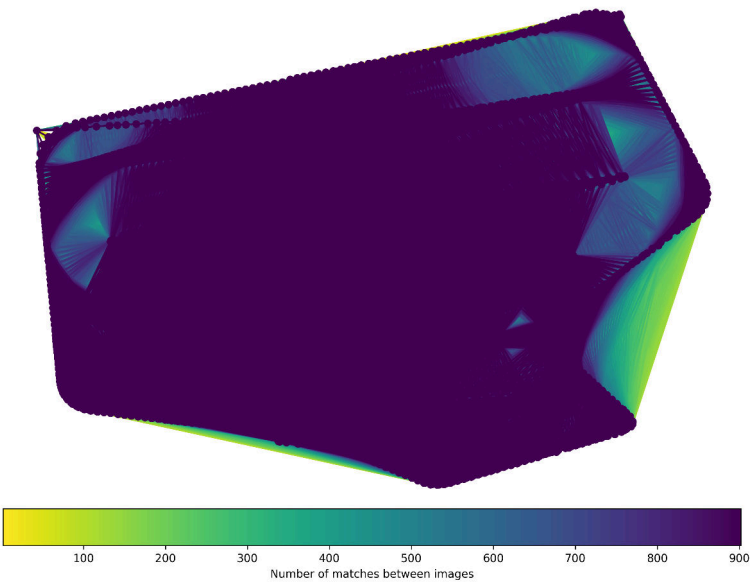
	Min.	Max.	Mean	Median
Detected	12000	12000	12000	12000
Reconstructed	18	8351	6193	6188

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.19 / 0.97 / 0.00029
Average Track Length	7.91 images
Average Track Length (> 2)	10.91 images



Tracks Details

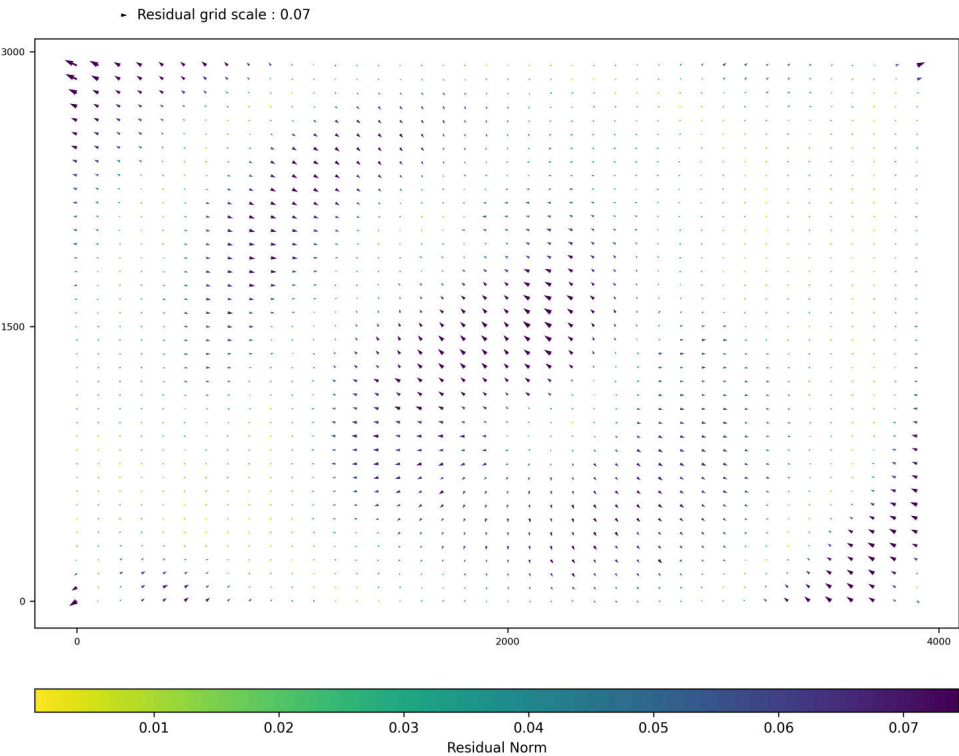


Length	2	3	4	5	6	7	8	9	10
Count	351985	176999	110656	73683	52677	39220	30559	24372	19801

Camera Models Details

v2 dji fc2204 4000 3000 brown 0.6666

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6667	1.0000	0.0000	0.0000
Optimized	-0.0261	0.0428	-0.0376	0.0031	-0.0001	0.7242	1.0000	-0.0008	0.0088



v2 dji fc2204 4000 3000 brown 1.3333

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	1.3333	1.0000	0.0000	0.0000
Optimized	0.0975	-0.2168	-0.0530	0.0040	-0.0017	1.4395	1.0000	-0.0012	0.0092

