

Quality Report

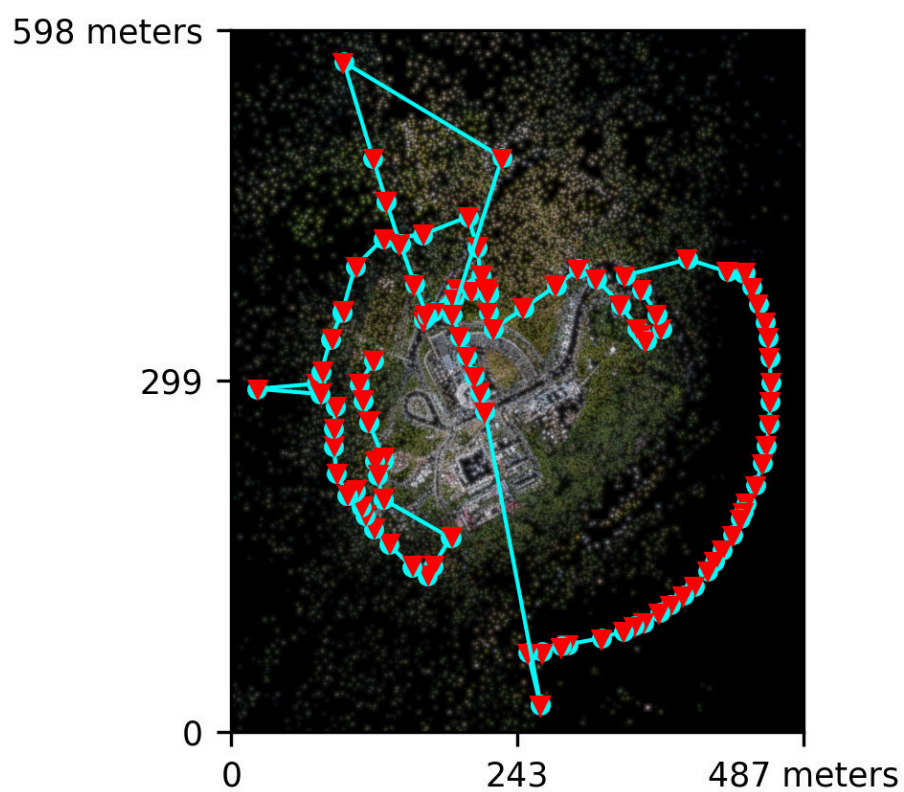
Bitblade Vision · vision.bitblade.io

Dataset Summary

Date	07/10/2026 at 23:11:23
Area Covered	0.239982 km ²
Processing Time	2.0h:12.0m:30.0s
Capture Start	10/08/2021 at 16:11:46
Capture End	10/08/2021 at 16:31:56

Processing Summary

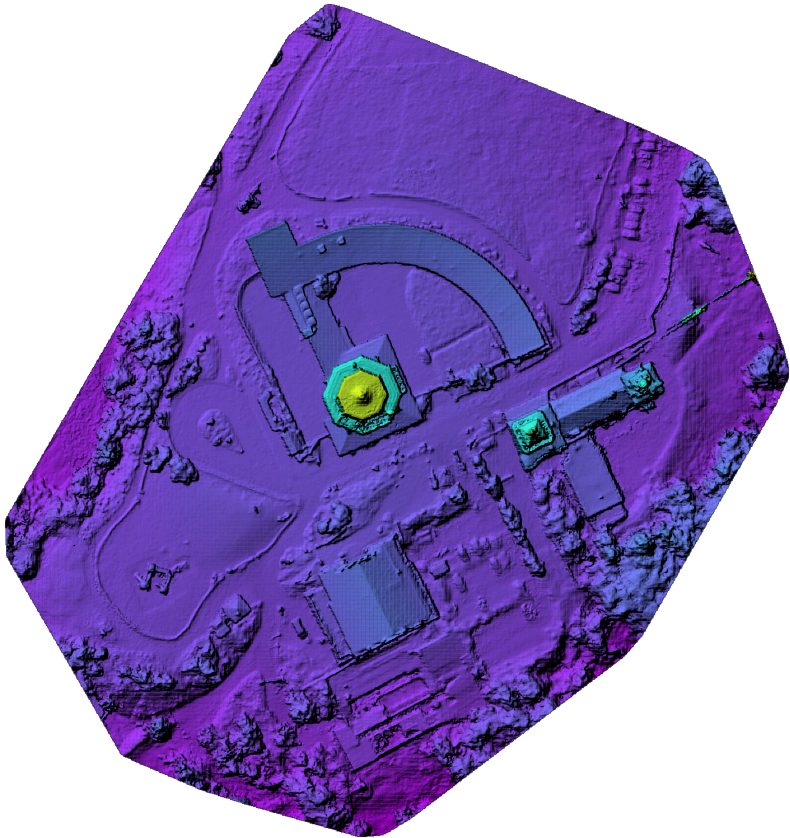
Reconstructed Images	127 over 127 shots (100.0%)
Reconstructed Points (Sparse)	167741 over 204852 points (81.9%)
Reconstructed Points (Dense)	35,507,914 points
Average Ground Sampling Distance (GSD)	3.5 cm
Detected Features	12,000 features
Reconstructed Features	5,076 features
Geographic Reference	GPS
GPS errors	1.36 meters



Previews

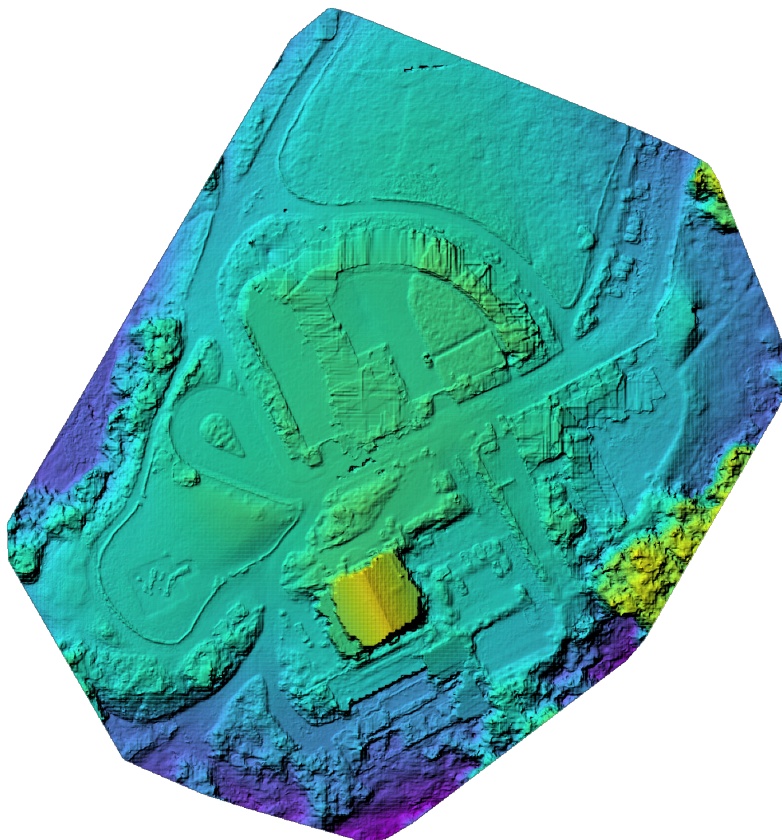


Orthophoto



Digital Surface Model

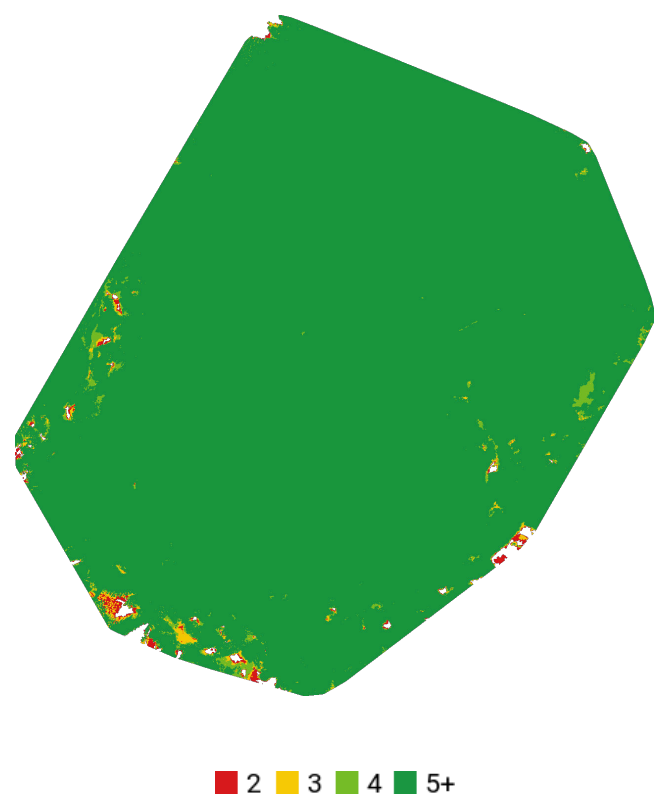




Digital Terrain Model



Survey Data



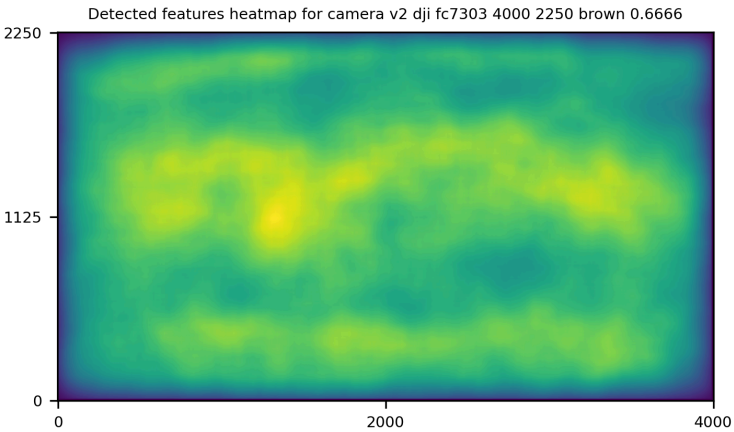
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.028	0.631	0.632
Y Error (meters)	0.003	0.507	0.507
Z Error (meters)	0.013	1.272	1.272
Total			1.362

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.699	3.890	3.952
Y Error (meters)	0.453	2.132	2.180
Z Error (meters)	0.351	1.445	1.487
Total			1.080

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	1.169	1.360
Vertical Accuracy LE90 (meters)	1.931	0.566

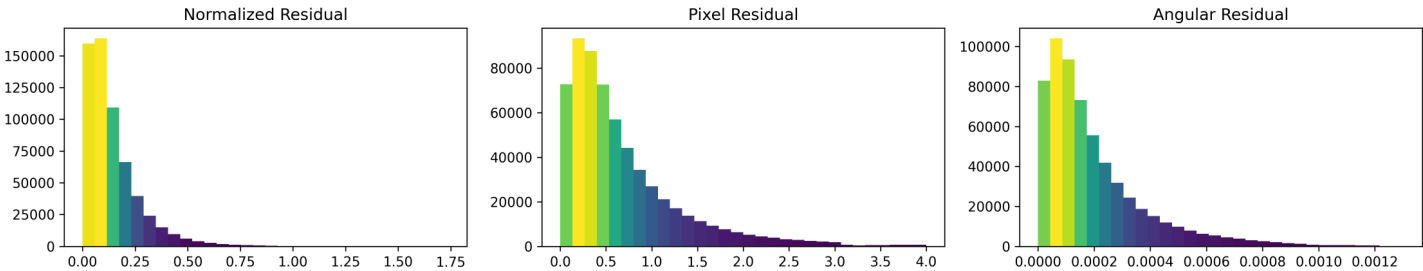
Features Details



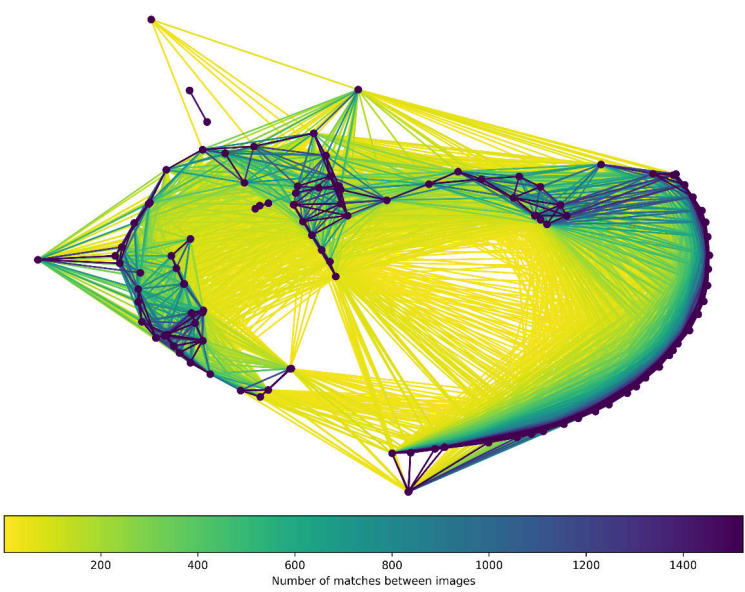
	Min.	Max.	Mean	Median
Detected	12000	12000	12000	12000
Reconstructed	75	7538	5002	5076

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.14 / 0.68 / 0.00020
Average Track Length	3.79 images
Average Track Length (> 2)	5.34 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	77937	34915	18219	10880	6867	4412	3205	2355	1757

Camera Models Details

v2 dji fc7303 4000 2250 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	-0.0001	-0.0469	0.0610	0.0002	-0.0000	0.7644	1.0000	-0.0006	0.0050

