

Quality Report

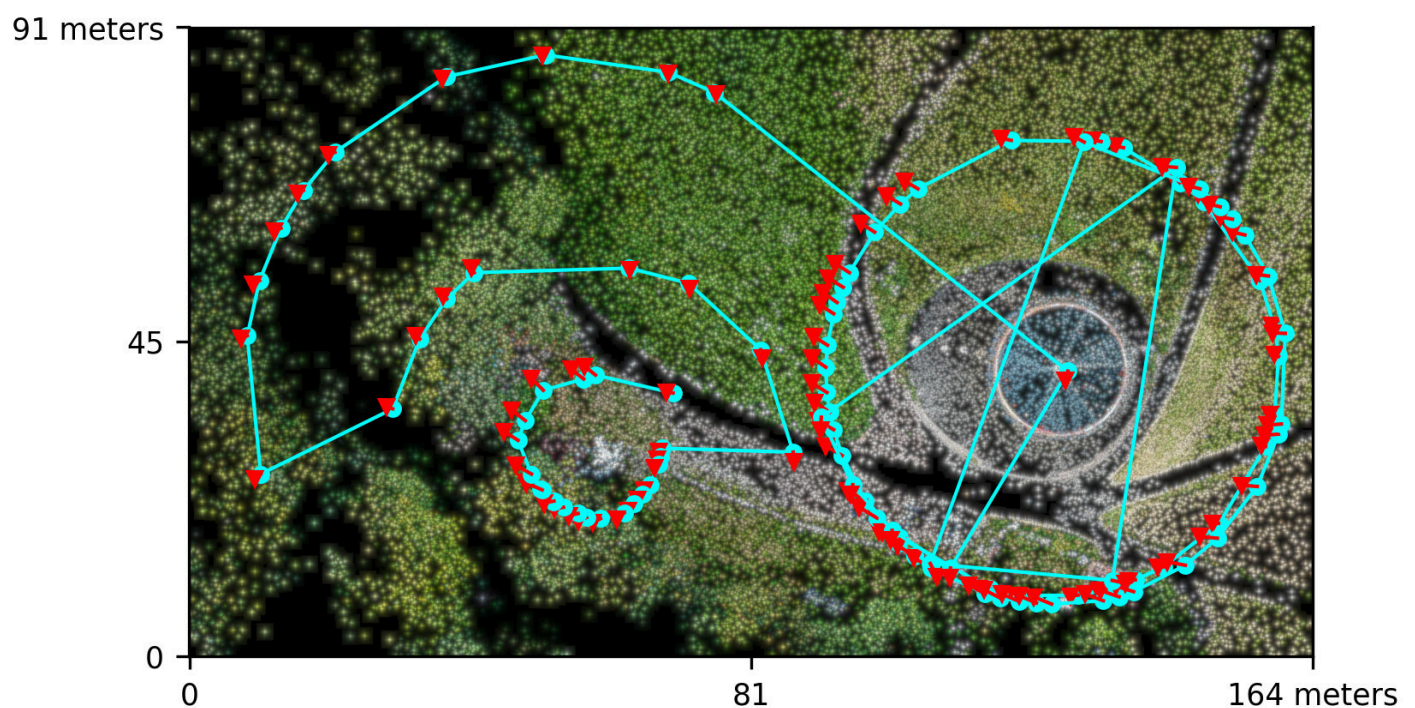
Bitblade Vision · vision.bitblade.io

Dataset Summary

Date	07/10/2026 at 23:33:37
Area Covered	0.012059 km ²
Processing Time	3.0h:31.0m:30.0s
Capture Start	24/07/2021 at 19:35:39
Capture End	24/07/2021 at 19:50:26

Processing Summary

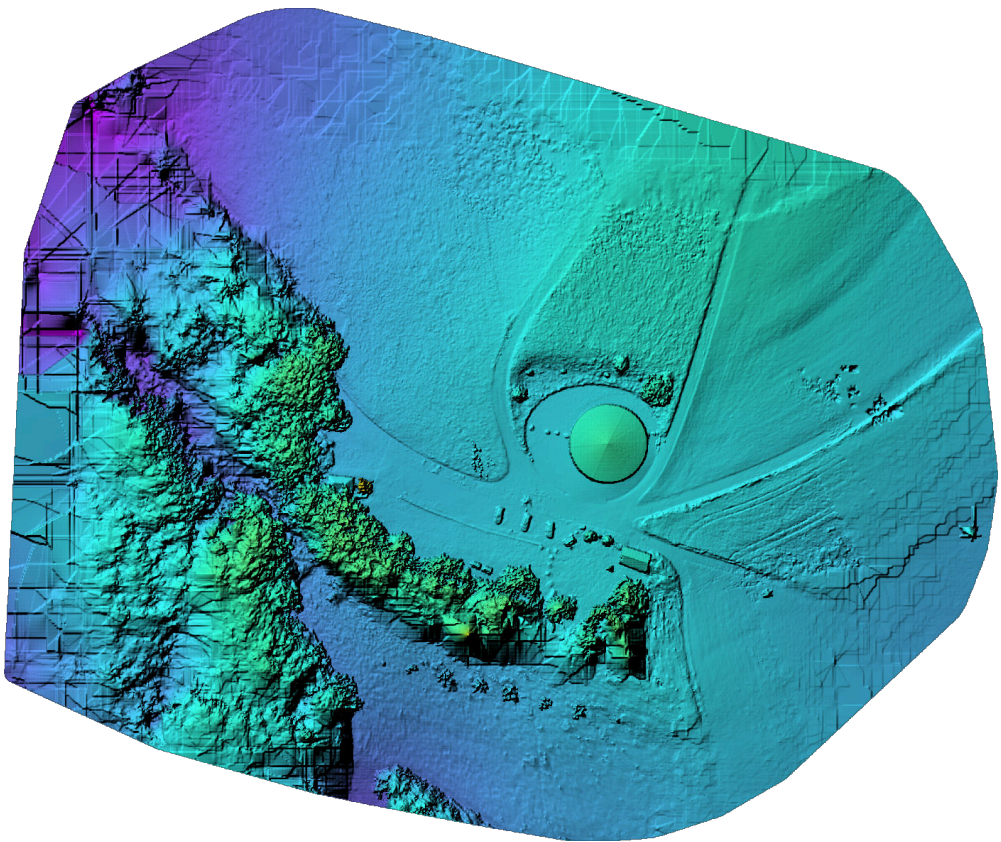
Reconstructed Images	104 over 104 shots (100.0%)
Reconstructed Points (Sparse)	142743 over 157460 points (90.7%)
Reconstructed Points (Dense)	83,140,820 points
Average Ground Sampling Distance (GSD)	0.7 cm
Detected Features	12,000 features
Reconstructed Features	4,849 features
Geographic Reference	GPS
GPS errors	3.33 meters



Previews

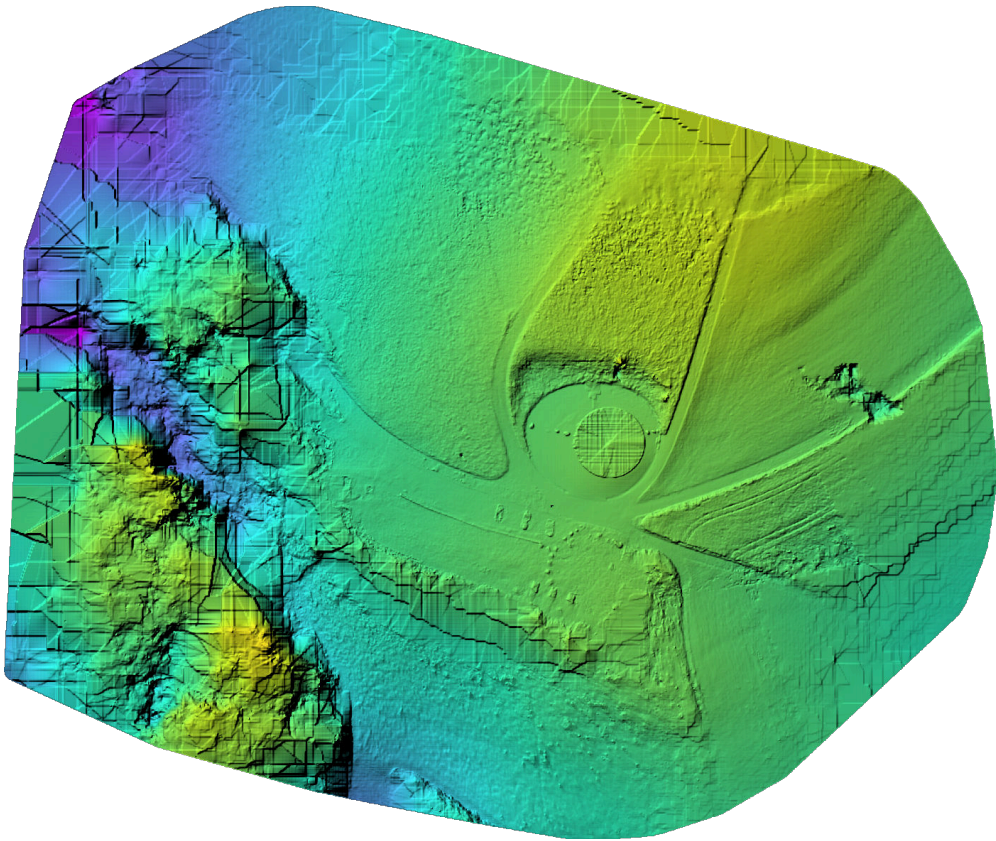


Orthophoto



Digital Surface Model

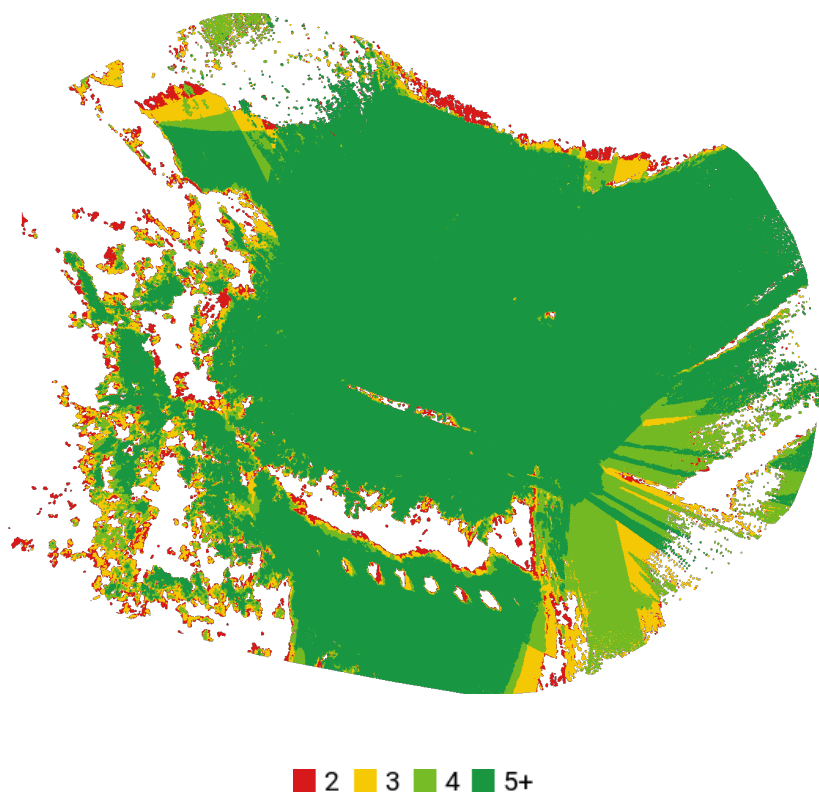




Digital Terrain Model



Survey Data



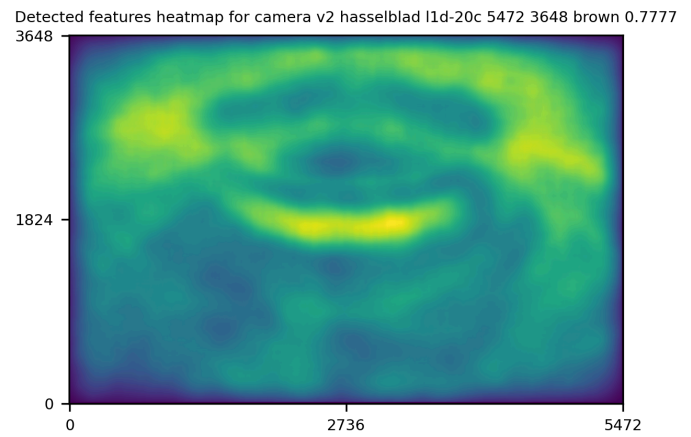
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	1.376	0.909	1.649
Y Error (meters)	-0.308	0.879	0.932
Z Error (meters)	1.801	2.575	3.142
Total			3.325

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.066	0.234	0.243
Y Error (meters)	0.066	0.276	0.283
Z Error (meters)	0.051	0.154	0.163
Total			0.131

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	2.771	0.233
Vertical Accuracy LE90 (meters)	4.969	0.099

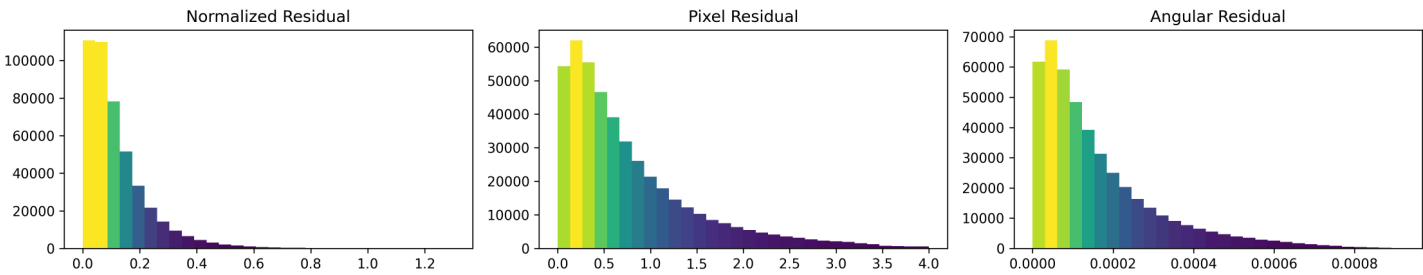
Features Details



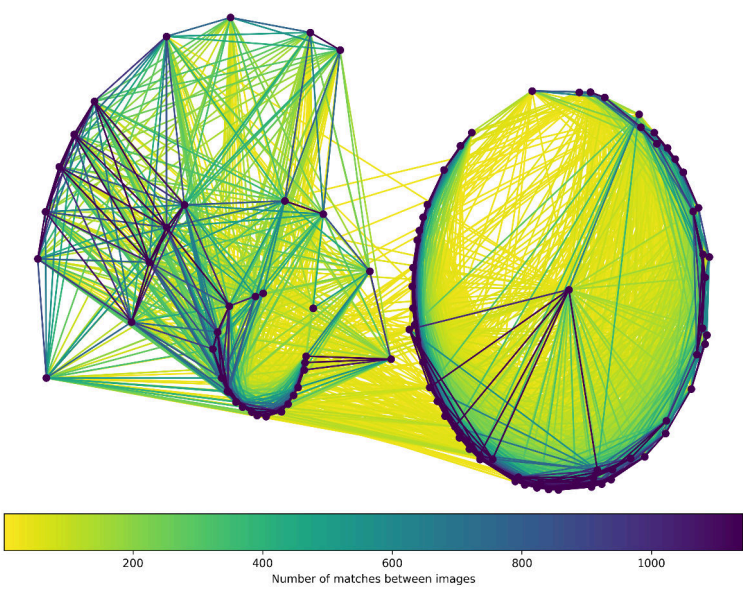
	Min.	Max.	Mean	Median
Detected	12000	12000	12000	12000
Reconstructed	851	7619	4591	4849

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.12 / 0.78 / 0.00016
Average Track Length	3.35 images
Average Track Length (> 2)	4.84 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	75169	28572	14426	8655	4869	3140	2184	1477	1014

Camera Models Details

v2 hasselblad l1d-20c 5472 3648 brown 0.7777

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.7778	1.0000	0.0000	0.0000
Optimized	0.0102	0.0085	-0.0112	-0.0034	-0.0021	0.7919	1.0000	-0.0060	-0.0079

