

Quality Report

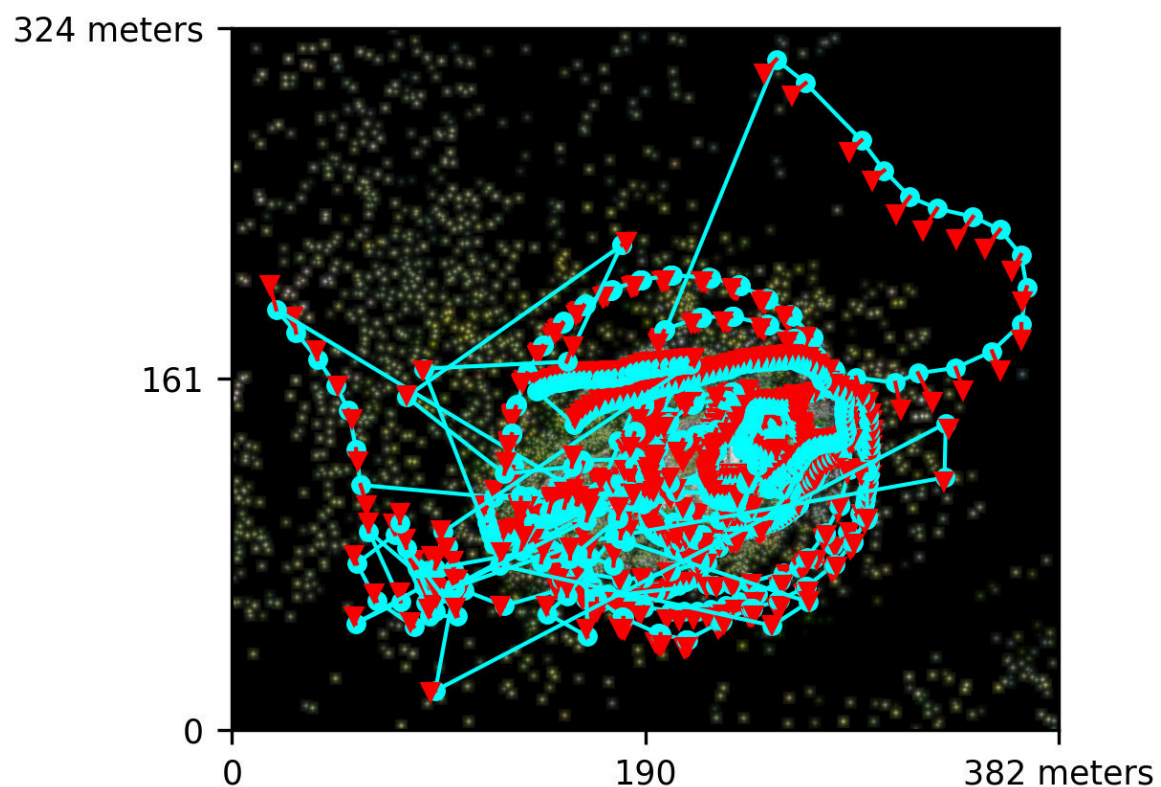
Bitblade Vision · vision.bitblade.io

Dataset Summary

Date	07/10/2026 at 17:53:42
Area Covered	0.100948 km ²
Processing Time	3.0h:32.0m:43.0s
Capture Start	13/08/2020 at 19:56:22
Capture End	17/06/2022 at 06:56:16

Processing Summary

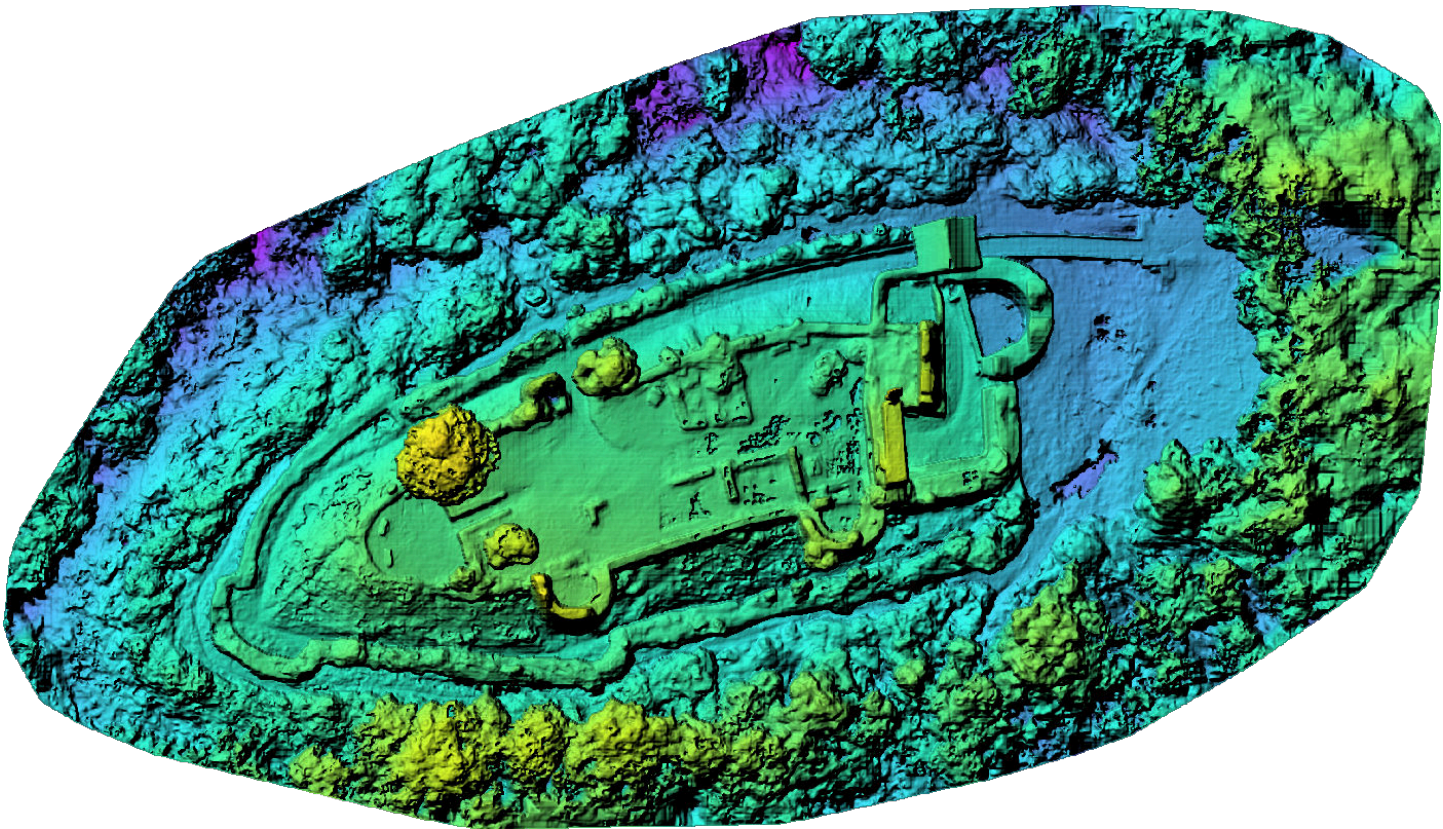
Reconstructed Images	1150 over 1182 shots (97.3%)
Reconstructed Points (Sparse)	1093321 over 1956199 points (55.9%)
Reconstructed Points (Dense)	105,565,422 points
Average Ground Sampling Distance (GSD)	1.0 cm
Detected Features	12,000 features
Reconstructed Features	4,765 features
Geographic Reference	GPS
GPS errors	6.45 meters



Previews



Orthophoto

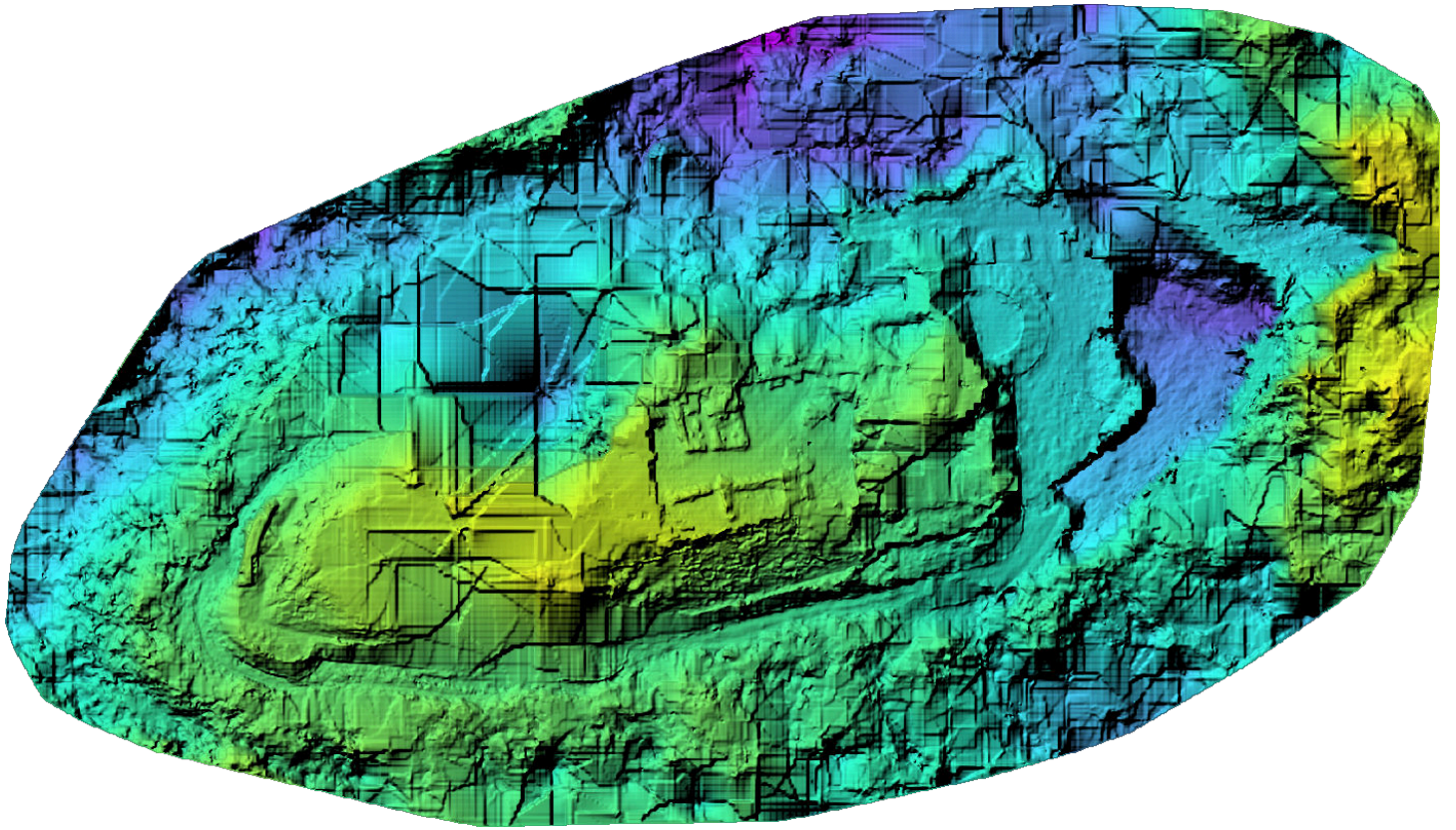


Digital Surface Model



609.56m

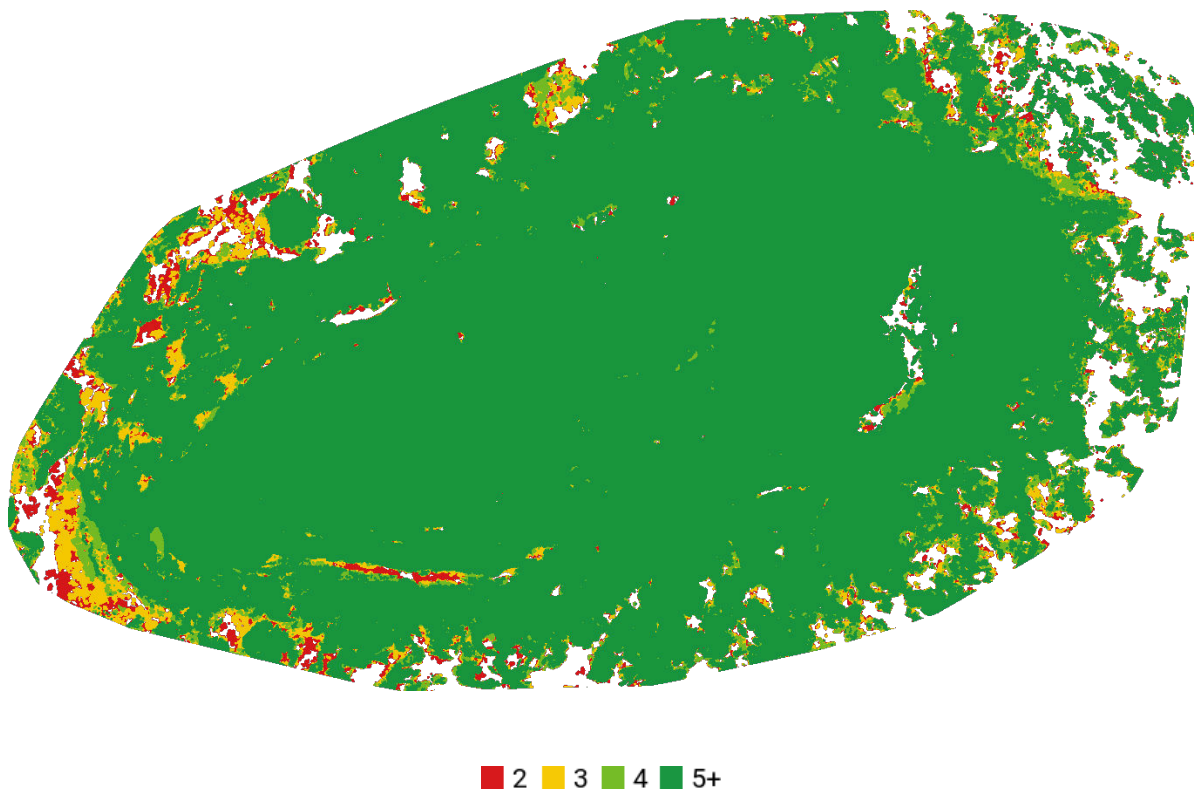
653.83m



Digital Terrain Model



Survey Data



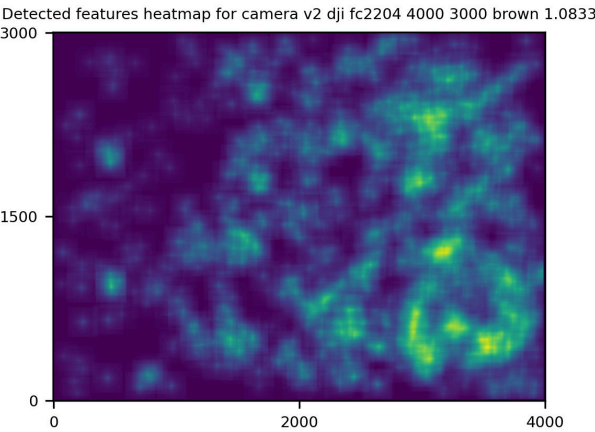
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	-0.109	1.615	1.619
Y Error (meters)	-0.318	3.091	3.107
Z Error (meters)	0.061	6.954	6.955
Total			6.449

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.145	0.771	0.784
Y Error (meters)	0.178	1.676	1.685
Z Error (meters)	0.163	1.033	1.046
Total			0.330

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	5.036	0.320
Vertical Accuracy LE90 (meters)	11.130	0.229

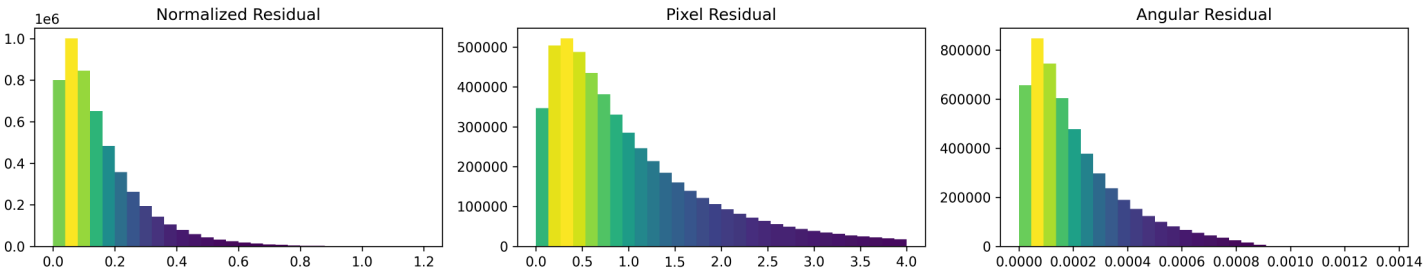
Features Details



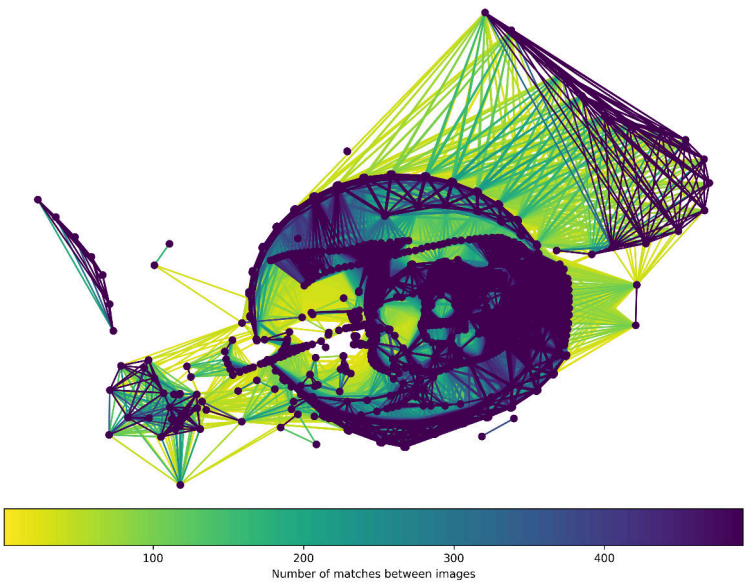
	Min.	Max.	Mean	Median
Detected	7657	12000	11978	12000
Reconstructed	9	9029	4725	4765

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.15 / 1.01 / 0.00021
Average Track Length	4.97 images
Average Track Length (> 2)	6.87 images



Tracks Details

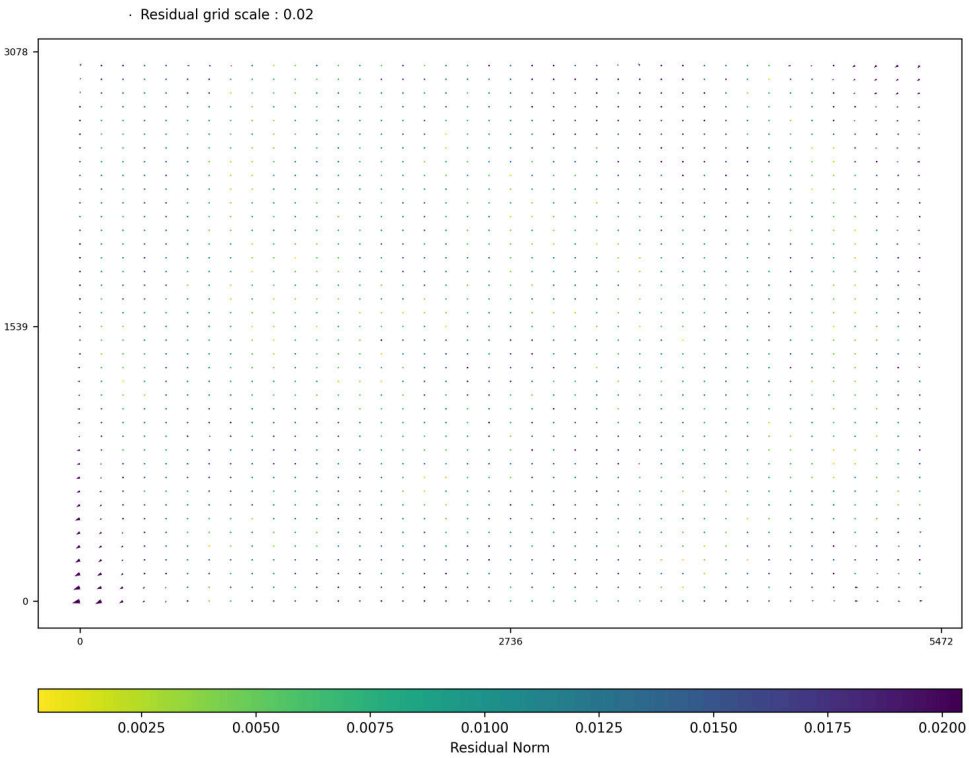


Length	2	3	4	5	6	7	8	9	10
Count	427006	193154	126840	80271	57423	41861	32641	26540	17871

Camera Models Details

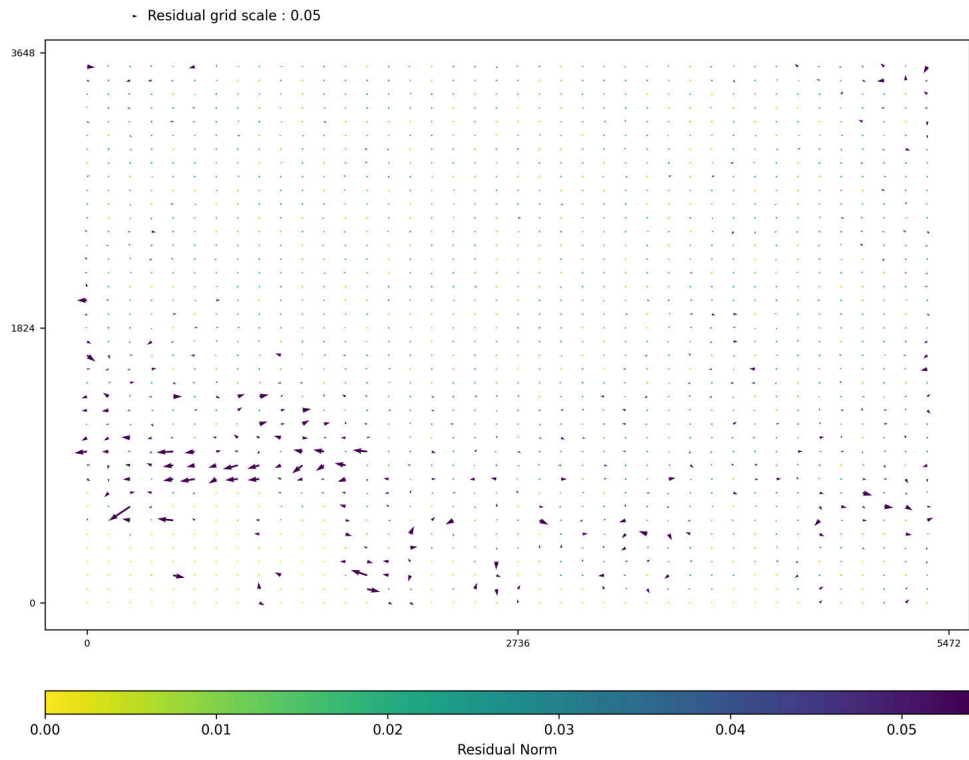
v2 hasselblad l1d-20c 5472 3078 brown 0.7777

	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	0.0053	0.0319	-0.0397	-0.0037	-0.0023	0.7954	1.0000	-0.0069	-0.0114



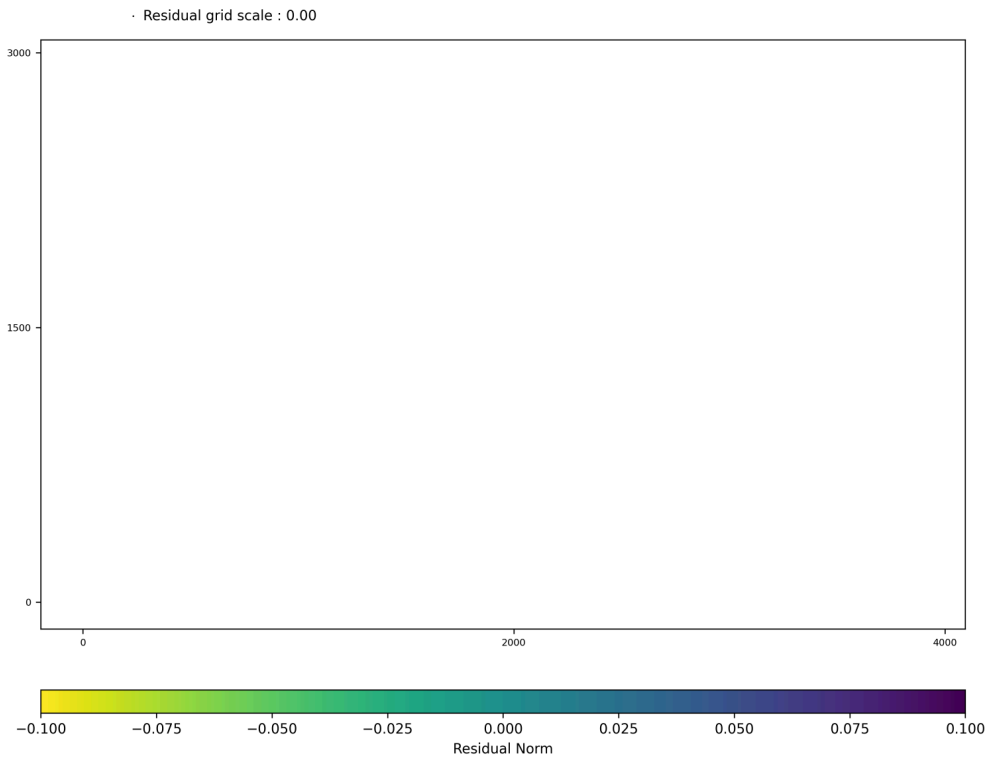
v2 hasselblad l1d-20c 5472 3648 brown 0.7777

	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	0.0100	0.0041	0.0010	-0.0019	0.0012	0.7936	1.0000	0.0025	-0.0018



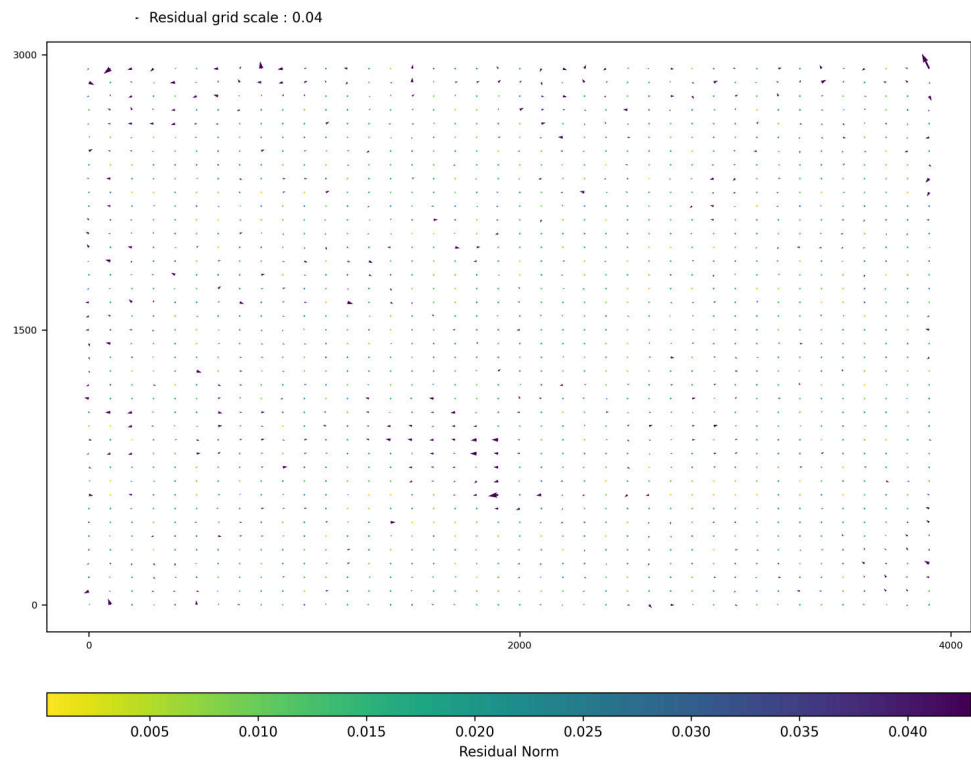
v2 dji fc2204 4000 3000 brown 0.6944

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.6944	1.0000	0.0000	0.0000
Optimized	-0.0001	-0.0004	-0.0004	-0.0008	-0.0042	0.6979	1.0000	0.0021	0.0003



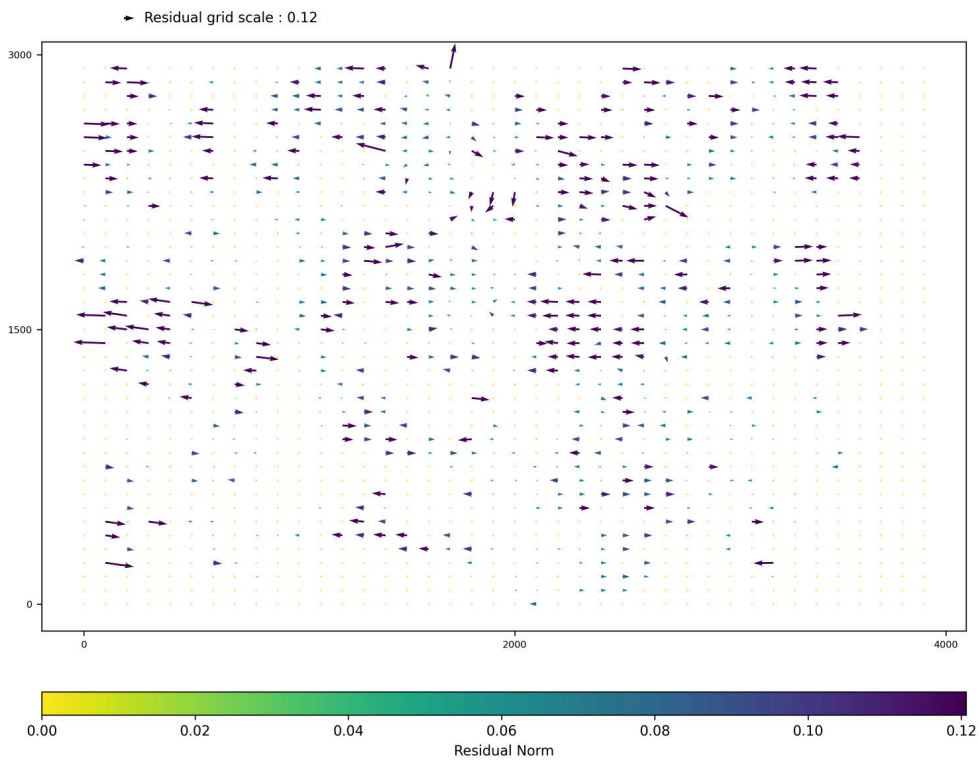
v2 dji fc2204 4000 3000 brown 0.6666

	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	-0.0218	0.0178	-0.0133	0.0031	-0.0004	0.7245	1.0000	-0.0006	0.0068



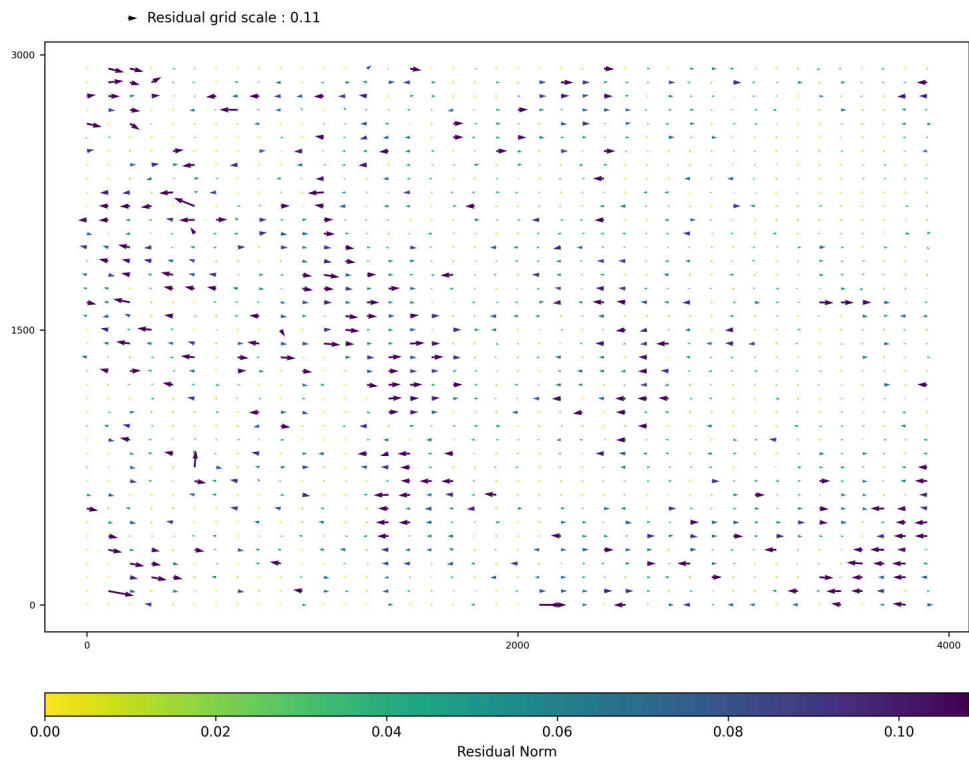
v2 dji fc2204 4000 3000 brown 1.1388

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	1.1389	1.0000	0.0000	0.0000
Optimized	-0.0072	-0.0109	-0.0036	0.0053	0.0005	1.1335	1.0000	0.0041	0.0018



v2 dji fc2204 4000 3000 brown 1.0833

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	1.0833	1.0000	0.0000	0.0000
Optimized	0.0207	-0.0393	-0.0175	-0.0131	-0.0022	1.0991	1.0000	-0.0126	0.0066



v2 dji fc2204 4000 3000 brown 1.0

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000	0.0000
Optimized	0.0036	0.0084	0.0027	-0.0101	0.0009	0.9921	1.0000	-0.0032	0.0057

