

Quality Report

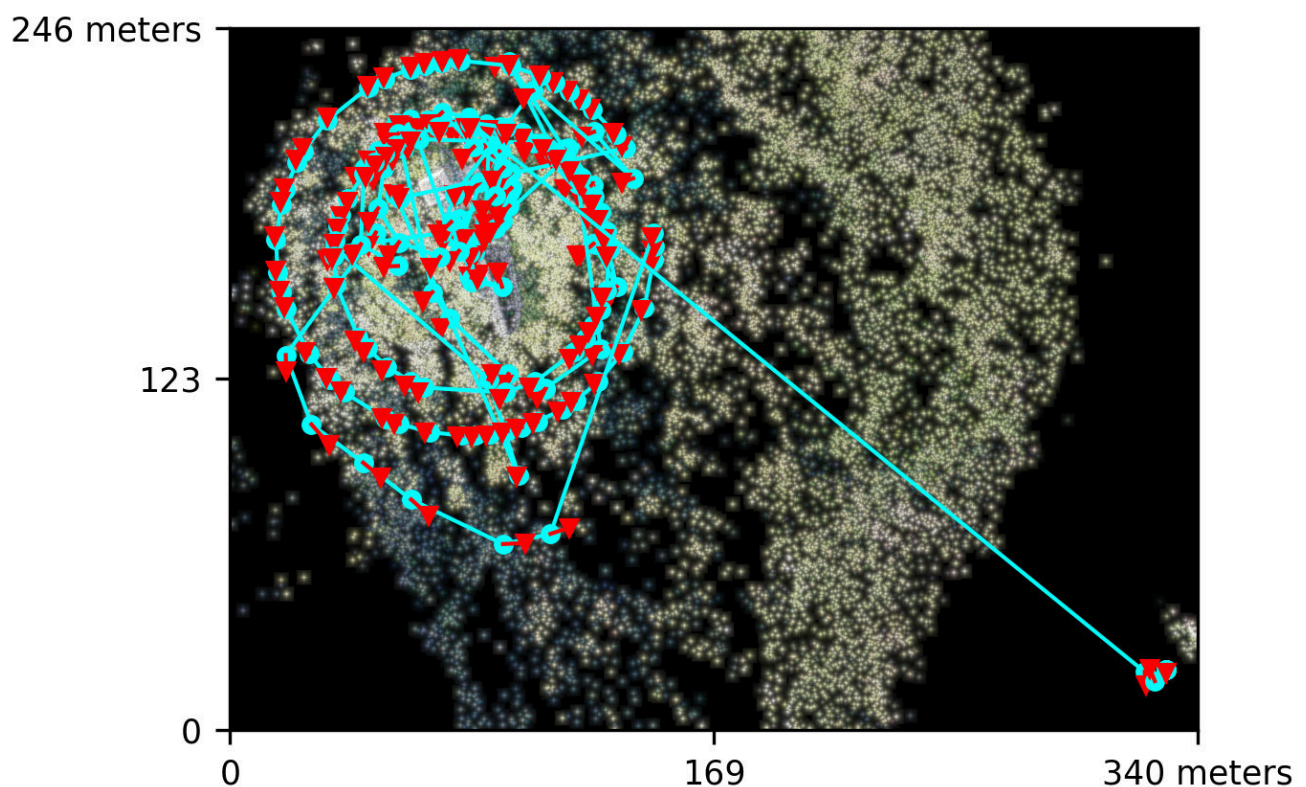
Bitblade Vision · vision.bitblade.io

Dataset Summary

Date	07/10/2026 at 23:40:58
Area Covered	0.068009 km ²
Processing Time	2.0h:12.0m:35.0s
Capture Start	28/05/2021 at 17:11:55
Capture End	10/07/2021 at 17:05:07

Processing Summary

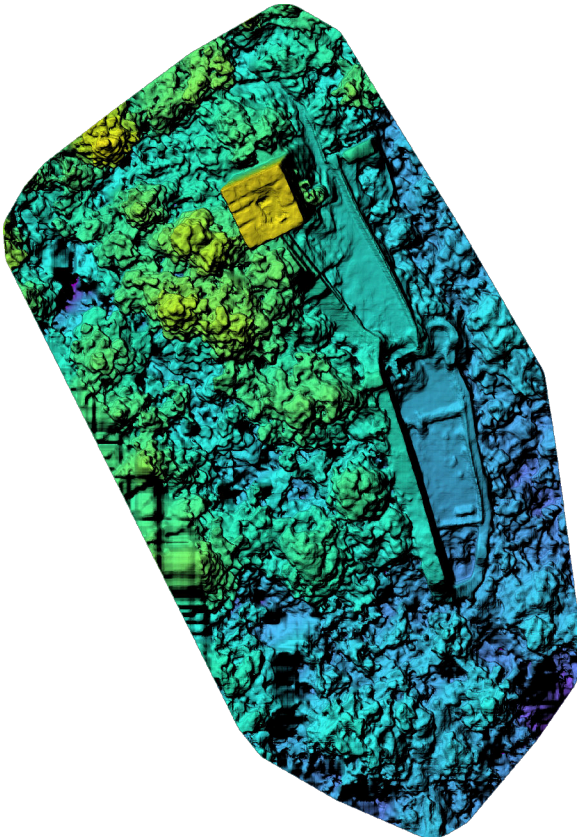
Reconstructed Images	173 over 191 shots (90.6%)
Reconstructed Points (Sparse)	166145 over 200397 points (82.9%)
Reconstructed Points (Dense)	38,655,616 points
Average Ground Sampling Distance (GSD)	1.6 cm
Detected Features	12,000 features
Reconstructed Features	3,169 features
Geographic Reference	GPS
GPS errors	4.58 meters



Previews

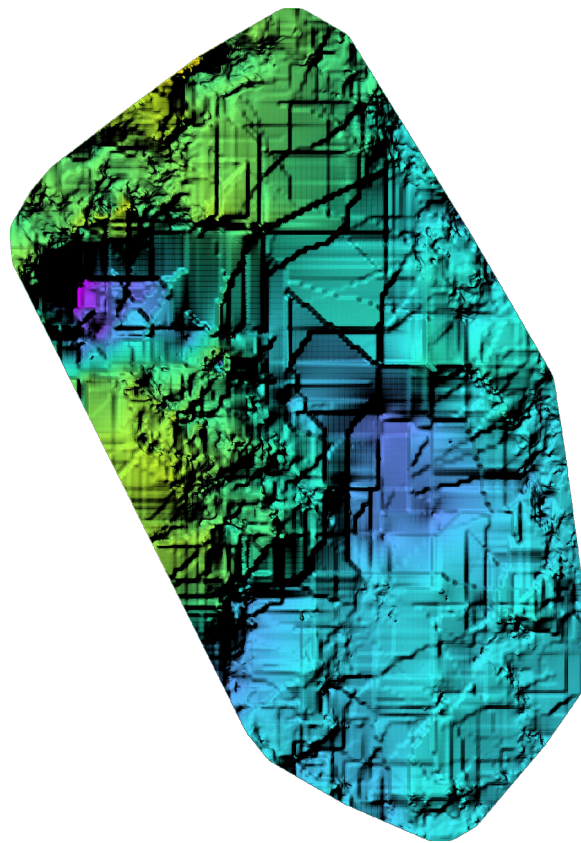


Orthophoto



Digital Surface Model

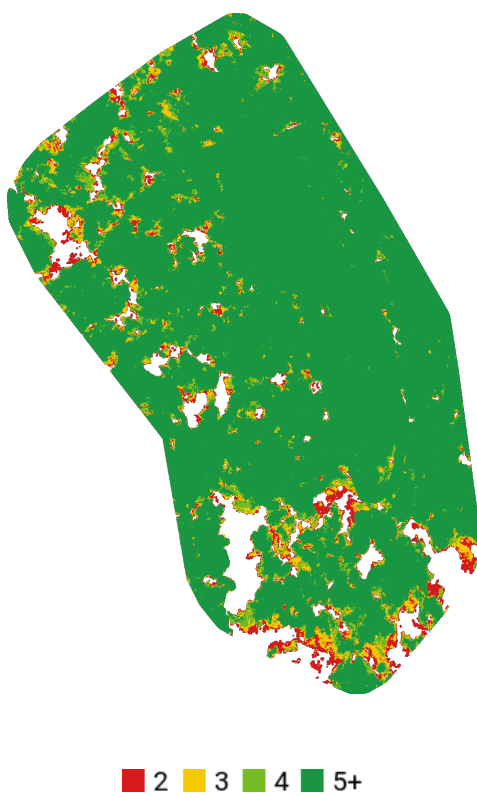




Digital Terrain Model



Survey Data



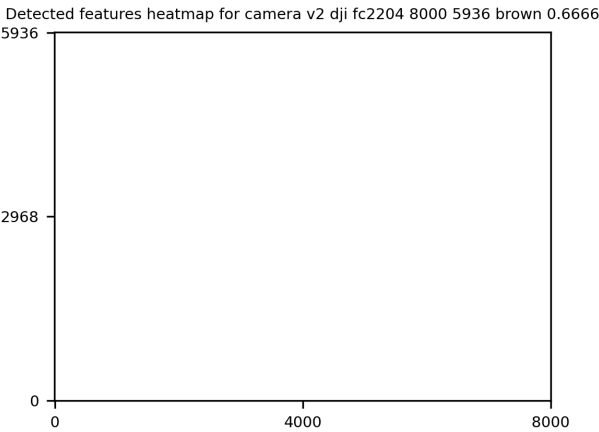
GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	1.512	2.262	2.721
Y Error (meters)	1.565	1.949	2.500
Z Error (meters)	1.031	3.286	3.444
Total			4.581

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.242	1.414	1.434
Y Error (meters)	0.303	1.182	1.220
Z Error (meters)	0.346	0.778	0.851
Total			0.643

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	5.885	0.897
Vertical Accuracy LE90 (meters)	5.327	0.807

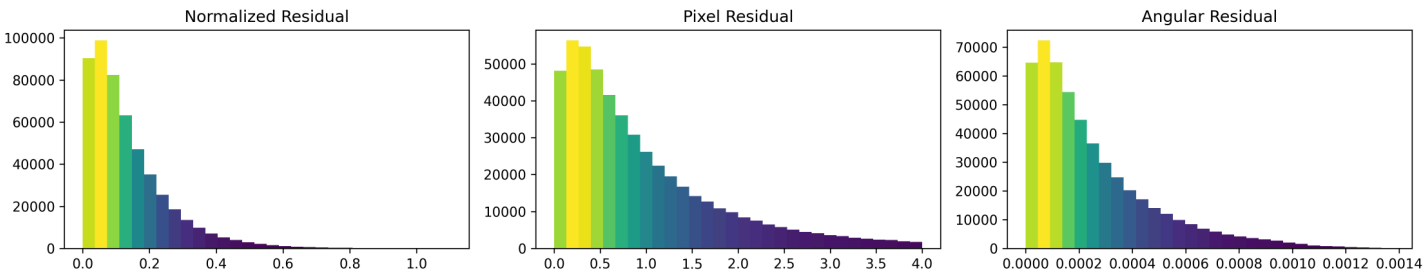
Features Details



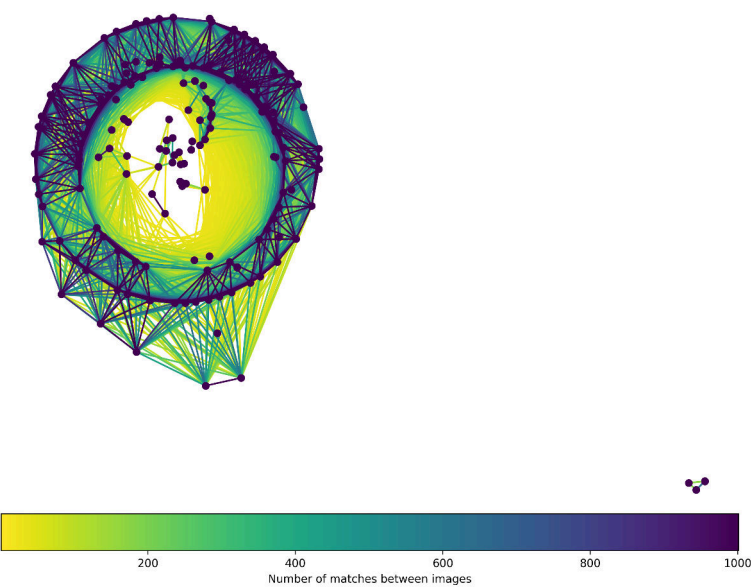
	Min.	Max.	Mean	Median
Detected	12000	12000	12000	12000
Reconstructed	62	6917	3248	3169

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.14 / 0.95 / 0.00025
Average Track Length	3.38 images
Average Track Length (> 2)	5.18 images



Tracks Details

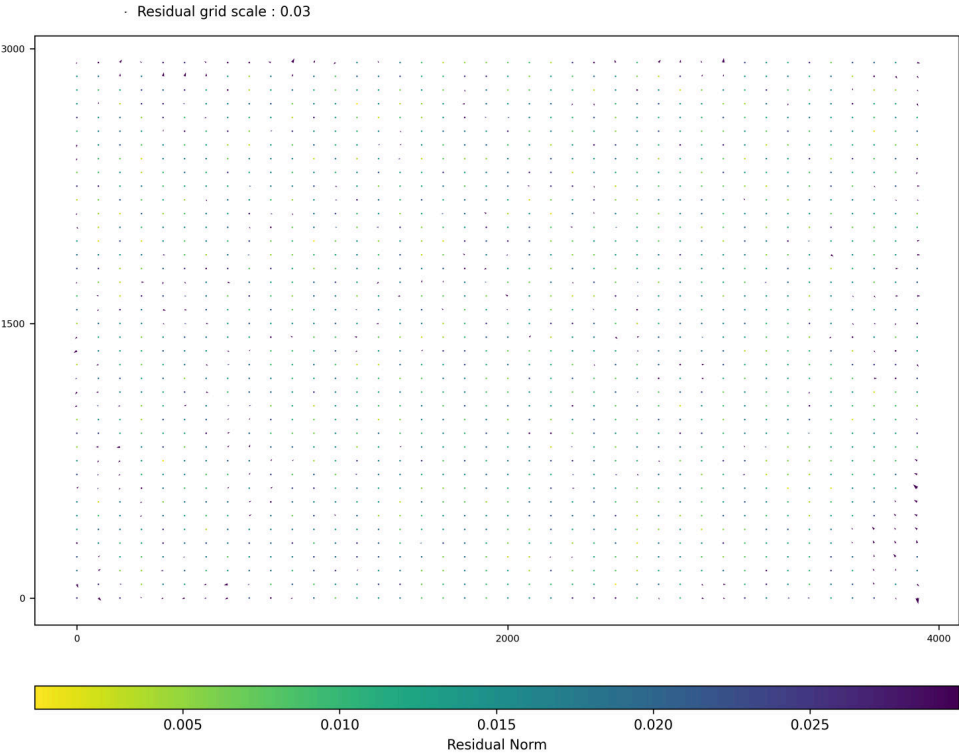


Length	2	3	4	5	6	7	8	9	10
Count	93983	31119	14513	8254	4910	3158	2096	1597	1134

Camera Models Details

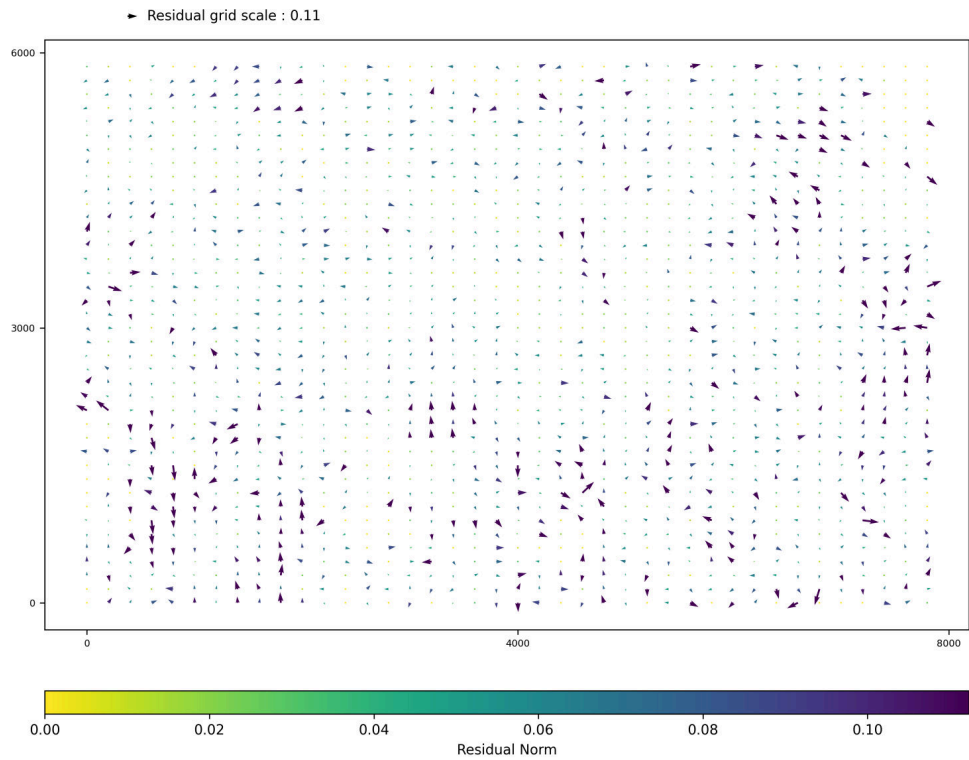
v2 dji fc2204 4000 3000 brown 0.9166

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.9167	1.0000	0.0000	0.0000
Optimized	-0.0020	0.0078	-0.0259	0.0021	-0.0006	0.9157	1.0000	-0.0029	0.0090



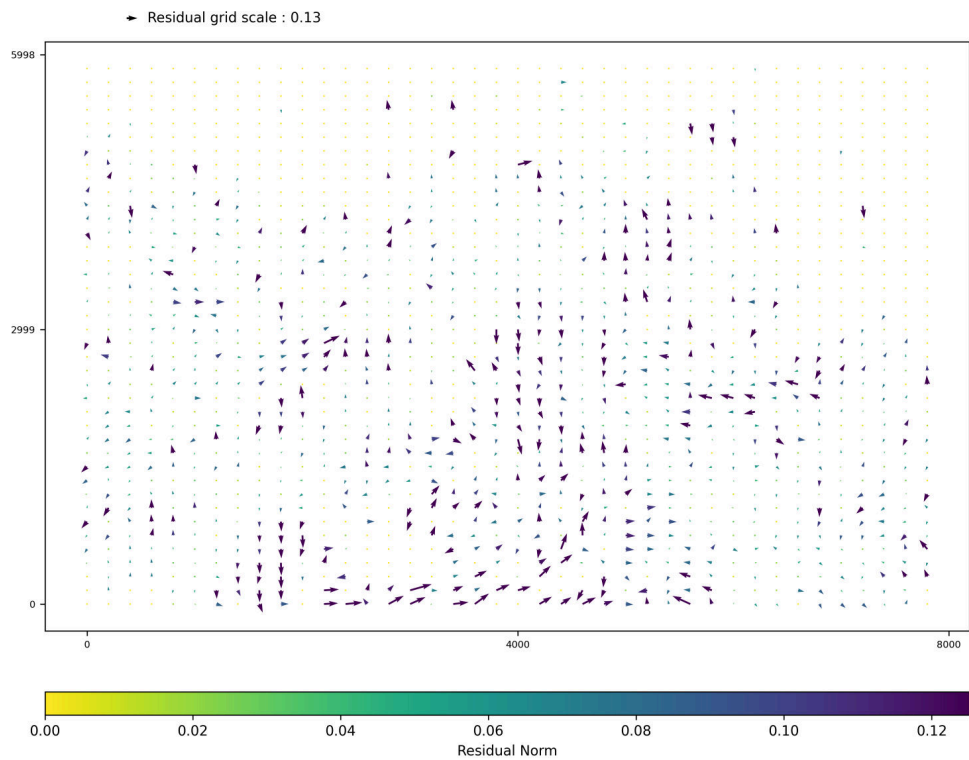
v2 dji fc2204 8000 6000 brown 0.6666

	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	-0.0006	0.0006	0.0034	-0.0008	0.0010	0.7168	1.0000	0.0000	-0.0047



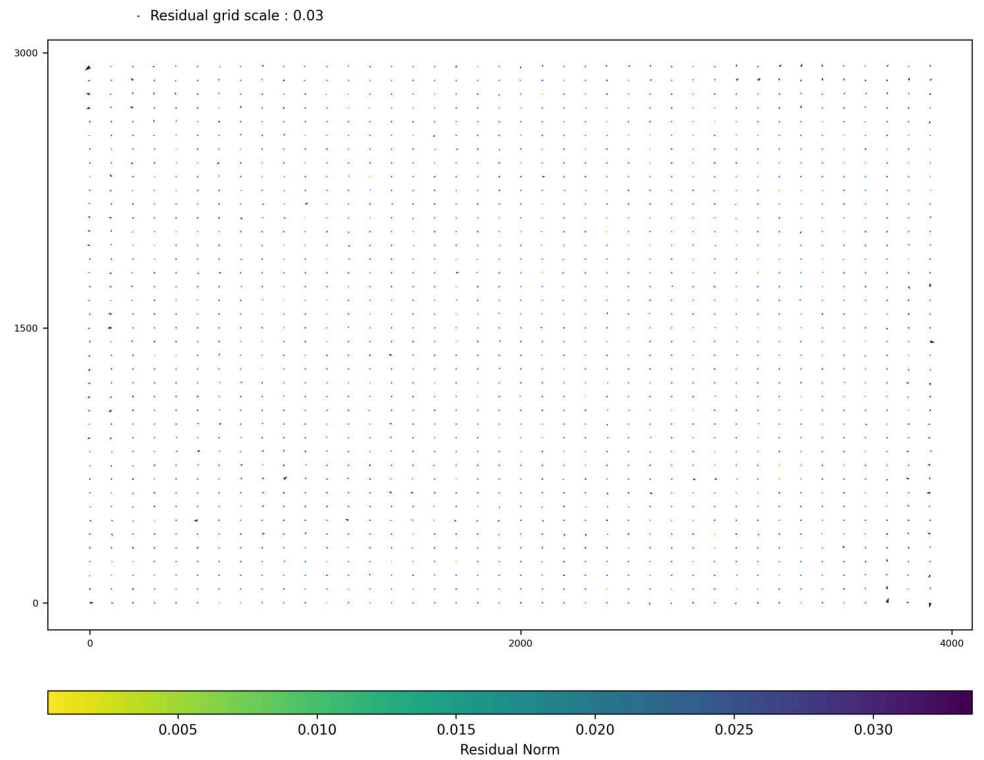
v2 dji fc2204 8000 5998 brown 0.6666

	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	-0.0004	-0.0006	-0.0046	-0.0033	-0.0023	0.7097	1.0000	-0.0064	-0.0104



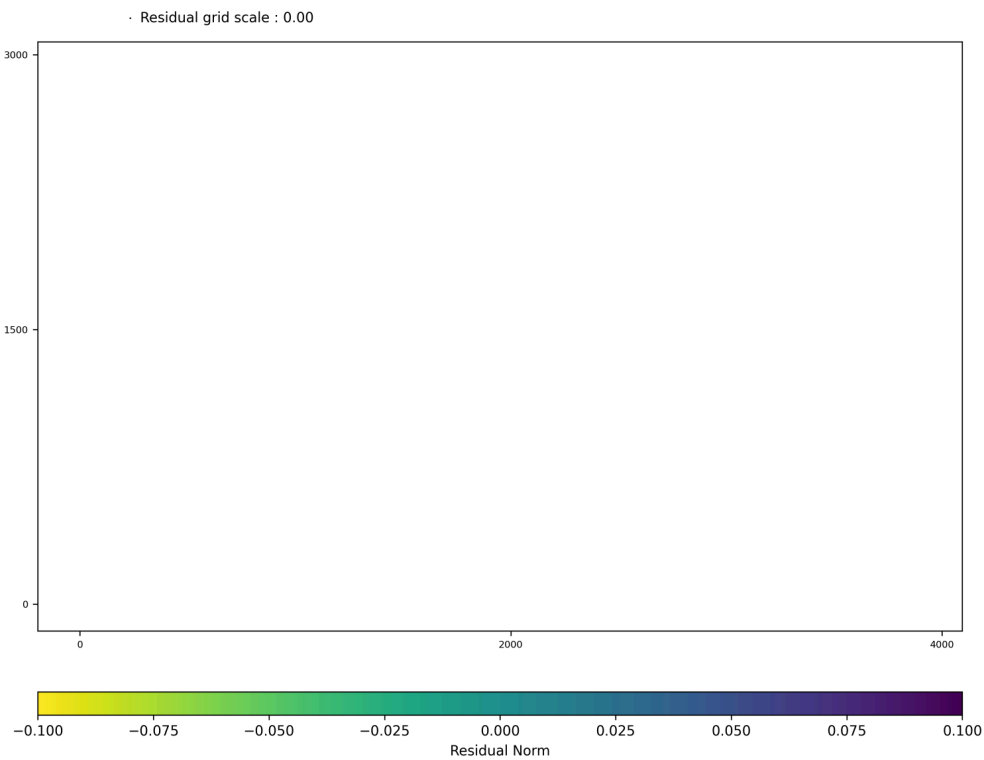
v2 dji fc2204 4000 3000 brown 0.6666

	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	-0.0191	0.0186	-0.0152	0.0029	-0.0013	0.7237	1.0000	-0.0039	0.0086



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	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	1.0000	0.0000	0.0000



v2 dji fc2204 8000 5940 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	0.0004	0.0000	-0.0000	0.0011	-0.0039	0.6672	1.0000	-0.0021	-0.0007

