

# ODM Quality Report

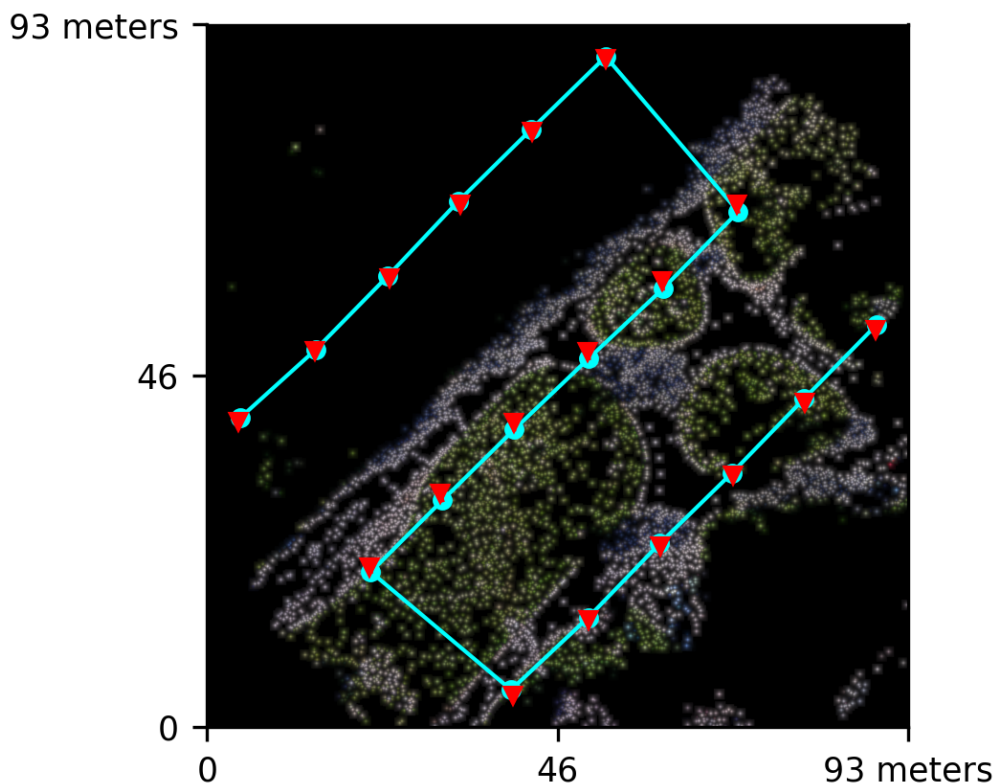
Processed with ODM version 3.5.3

## Dataset Summary

Date	16/07/2024 at 19:46:20
Area Covered	0.007048 km <sup>2</sup>
Processing Time	2.0m:17.0s
Capture Start	23/06/2016 at 16:31:59
Capture End	23/06/2016 at 16:34:03

## Processing Summary

Reconstructed Images	18 over 18 shots (100.0%)
Reconstructed Points (Sparse)	11327 over 11541 points (98.1%)
Reconstructed Points (Dense)	1,387,333 points
Average Ground Sampling Distance (GSD)	1.6 cm
Detected Features	10,000 features
Reconstructed Features	2,096 features
Geographic Reference	GPS
GPS errors	0.66 meters

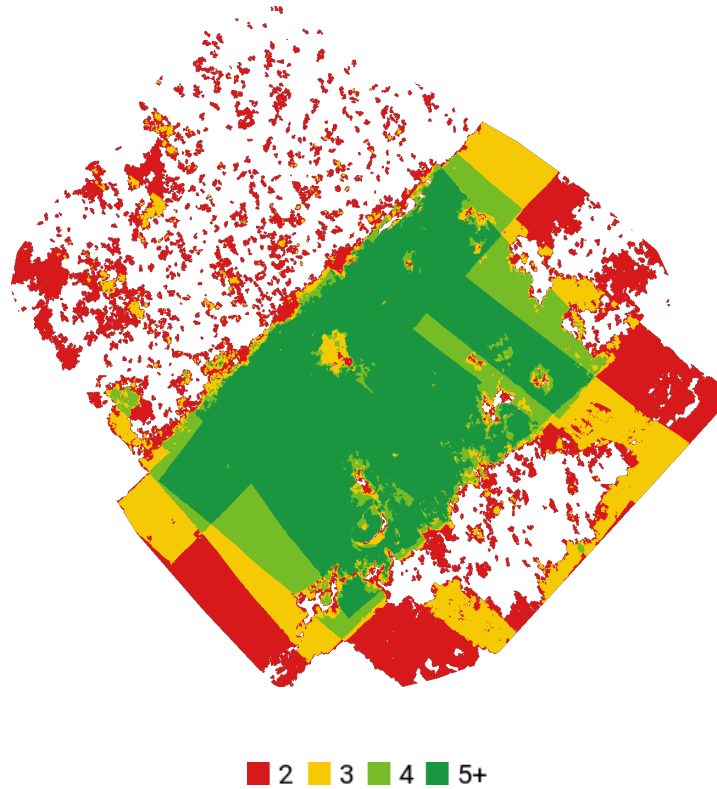


# Previews



Orthophoto

# Survey Data



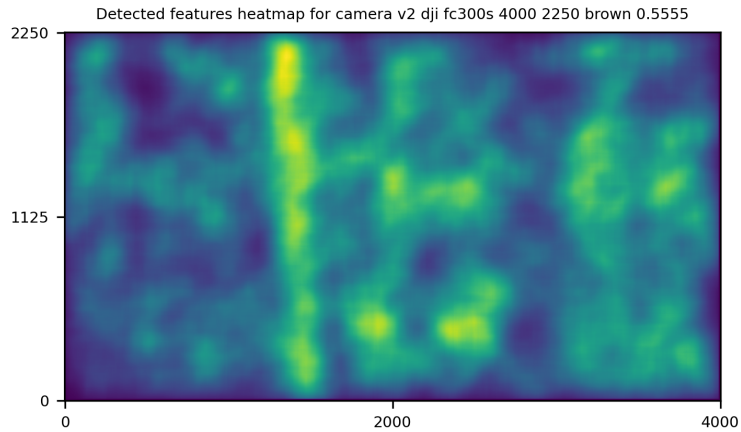
## GPS/GCP/3D Errors Details

GPS	Mean	Standard Deviation	RMS Error
X Error (meters)	0.008	0.145	0.146
Y Error (meters)	-0.047	0.605	0.607
Z Error (meters)	0.023	0.346	0.347
Total			0.659

3D	Mean	Standard Deviation	RMS Error
X Error (meters)	0.009	0.009	0.013
Y Error (meters)	0.009	0.009	0.013
Z Error (meters)	0.013	0.029	0.032
Total			0.019

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	0.940	0.026
Vertical Accuracy LE90 (meters)	0.525	0.031

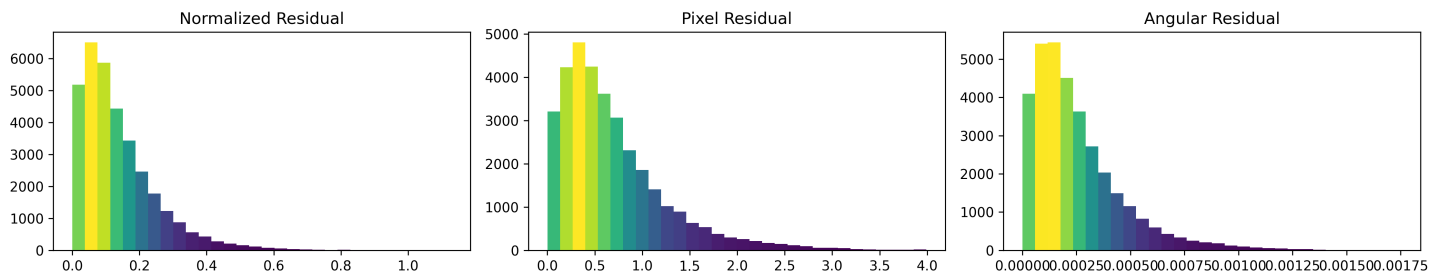
# Features Details



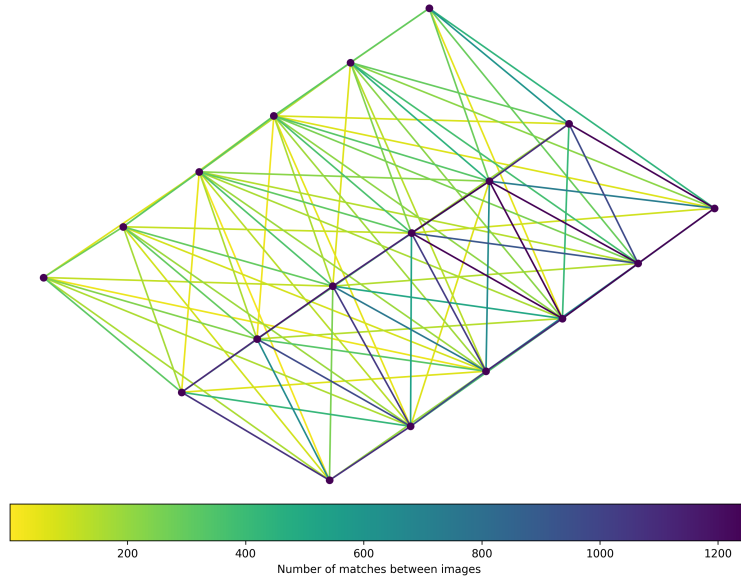
	Min.	Max.	Mean	Median
Detected	10000	10000	10000	10000
Reconstructed	528	3625	1896	2096

# Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.14 / 0.69 / 0.00025
Average Track Length	3.01 images
Average Track Length (> 2)	4.04 images



# Tracks Details



Length	2	3	4	5	6	7	8	9
Count	5707	2495	1452	996	397	185	79	15

# Camera Models Details

**v2 dji fc300s 4000 2250 brown 0.5555**

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.5556	1.0000	0.0000	0.0000
Optimized	0.0144	0.0033	0.0089	-0.0000	0.0018	0.5613	1.0000	-0.0053	0.0082

