

Camping Amfora D'Arcs



Resumen de detalles del mapa

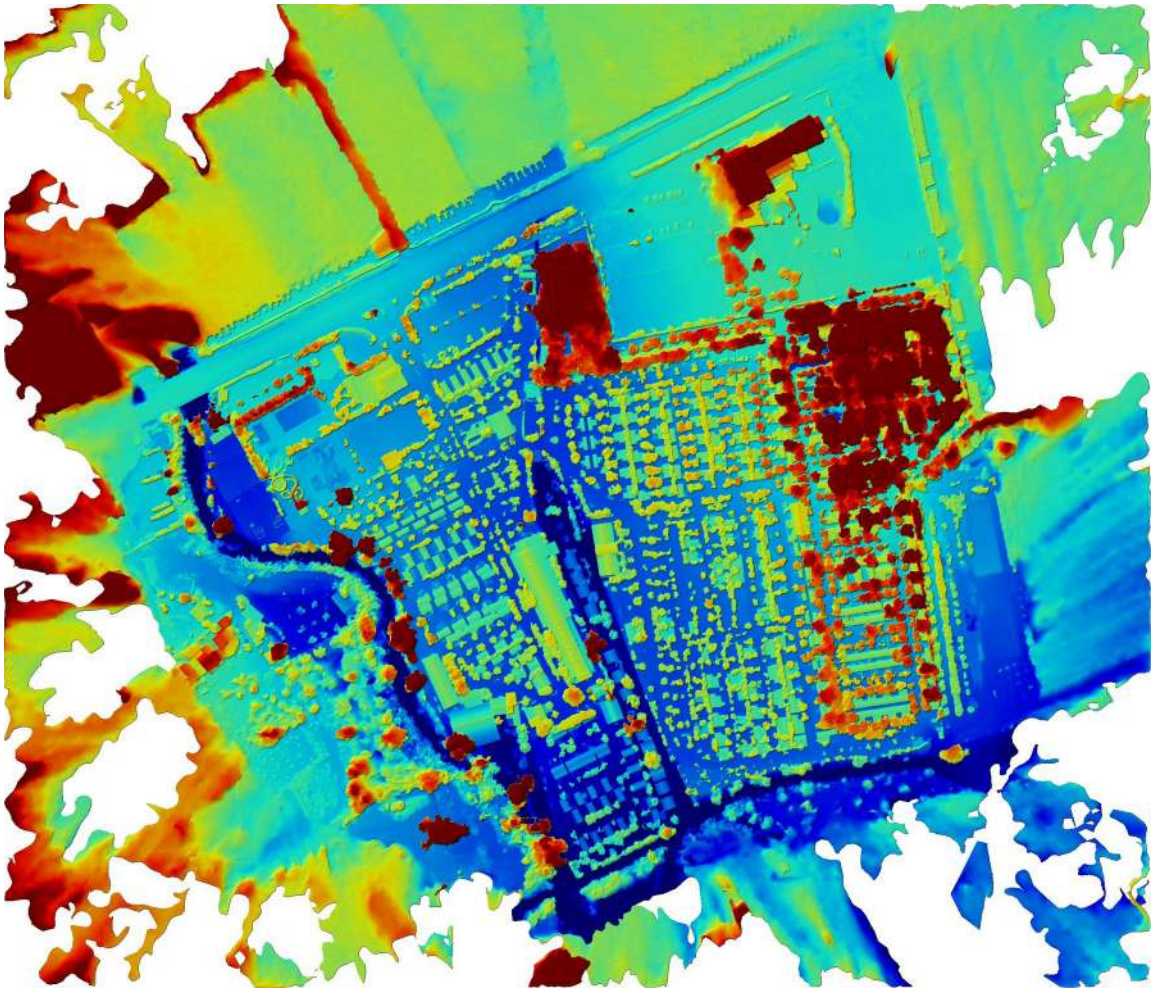
Project Name	Amfora D'Arcs
Photogrammetry Engine	Fiovodrone
Date Of Capture	Sep 22, 2022
Date Processed	Sep 23, 2022
GSD Orthomosaic (GSD DEM)	1.06cm/px (DEM 4.24cm/px)
Area Bounds (Coverage)	354773.43m ² (52%)
Image Sensors	DJI - FC3411
Average GPS Trust	10.00m

Resumen de calidad y precisión

Image Quality	High texture images
Median Shutter Speed	1/1000
Images Uploaded (Aligned %)	1117 (97%)
Camera Optimization	0.04% variation from reference intrinsics

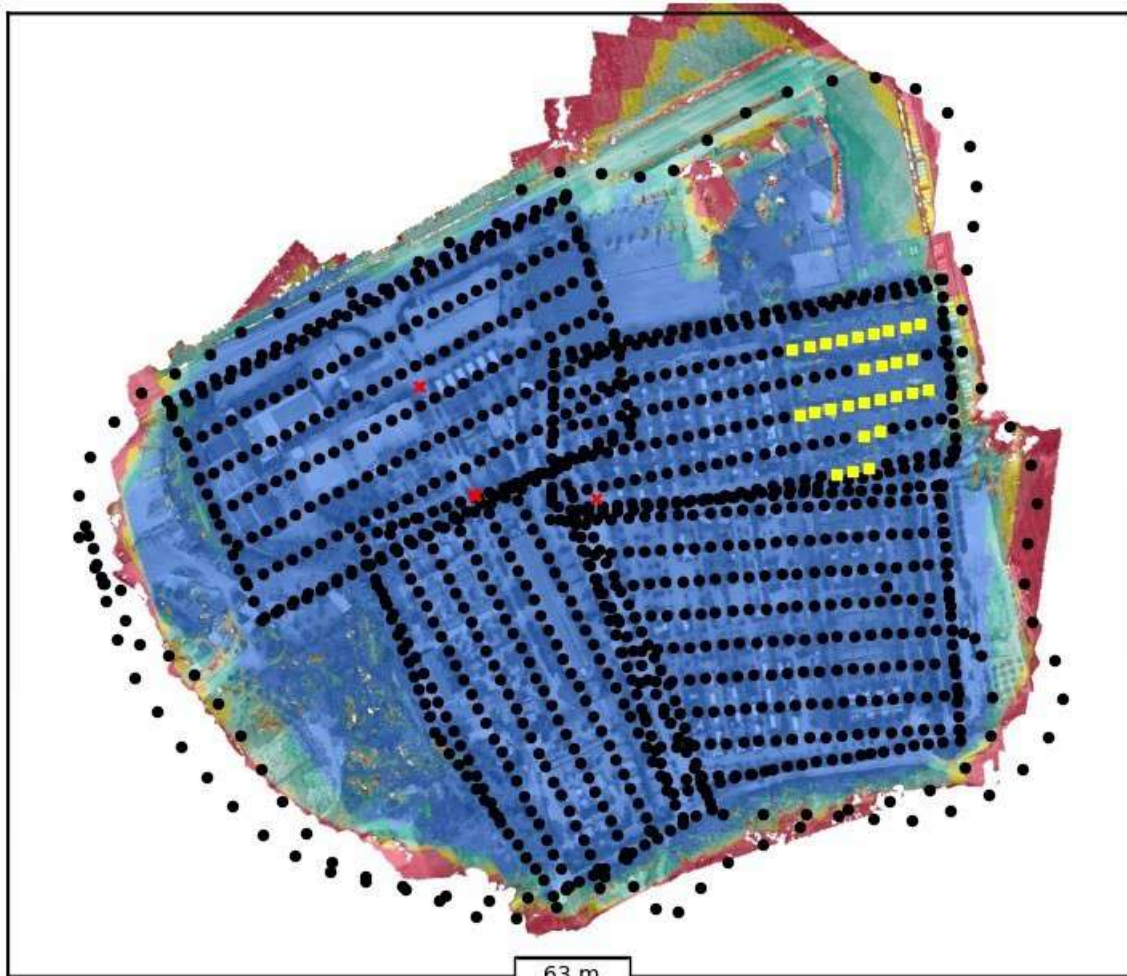
Muestra





Revisión de la calidad del conjunto de datos

Cobertura fotografías Ortomosaico



ROI
 Aligned
 GPS Aligned
✘ Unaligned

0	1	2	3	4	5	6	7	8	9+
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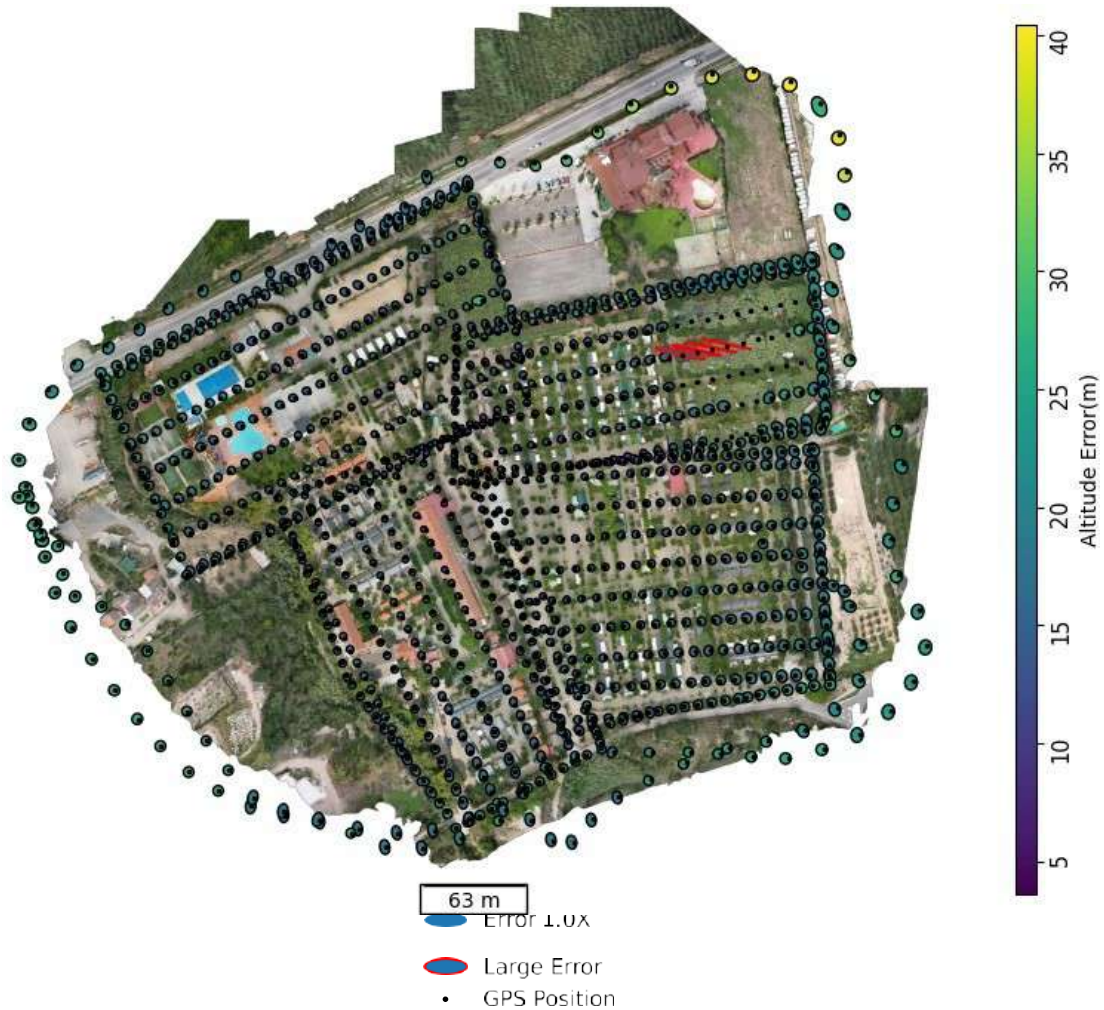
Insufficient coverage, expect large holes in the map, and low accuracy.

Marginal coverage, expect distortion or holes on buildings or sharp edges, and lower accuracy measurements.

Good coverage, expect a high quality reconstruction

Sensor(s) Used	DJI - FC3411
Image Count (by sensor)	1117
Image Resolution	5472x3648 (~20MP)
Orthomosaic coverage (% of area of interest)	52.11
Average Orthomosaic Image Density within Structured Area	29 images/pixel
Median Shutter Speed	1/1000

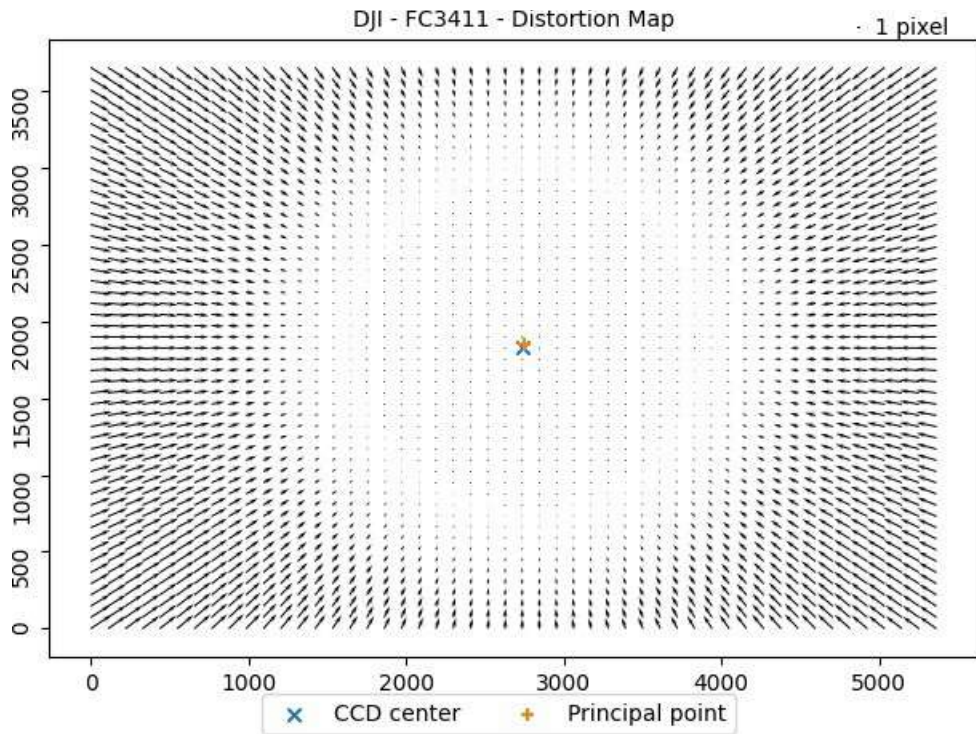
Estructura del levantamiento



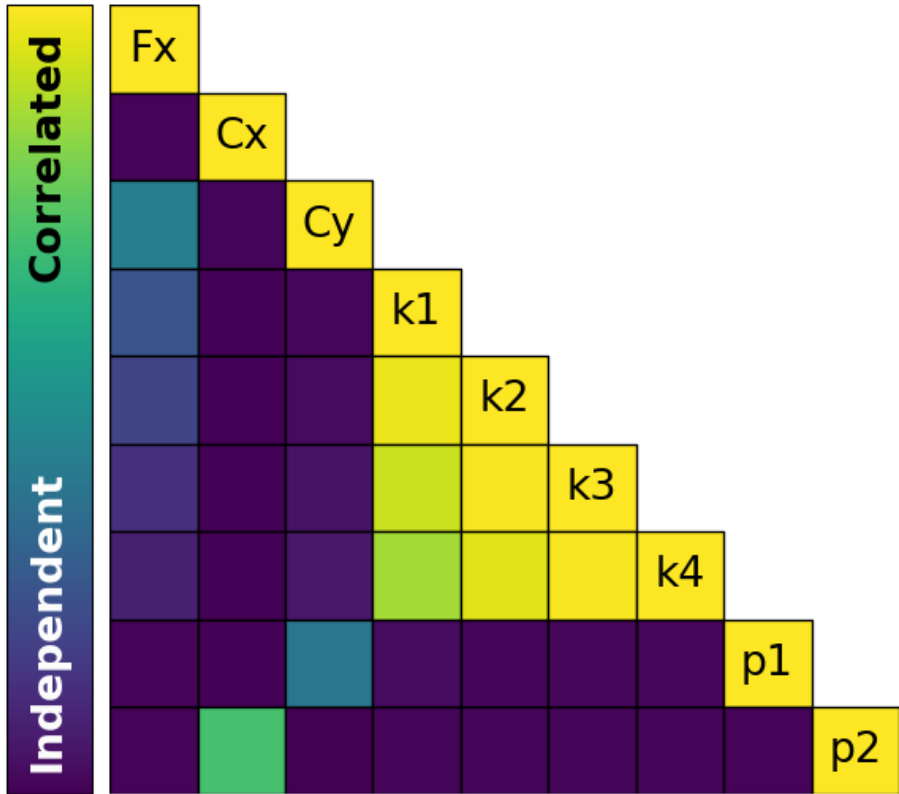
Aligned Cameras	97% 1082/1117			
RMSE of Camera GPS Location	X	Y	Z	RMSE 0.13m
	0.03m	0.06m	0.08m	

Calibración de la cámara

Camera Optimization	0.04% variation from reference intrinsics
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	Fx	Cx	Cy	k1	k2	k3	k4	p1	p2
Value	3488.17	2747.94	1850.49	-0.0233282	-0.187321	0.449471	-0.262093	0.000110359	0.000165678
Error	0.0944722	0.0602827	0.0629206	0.618223	2.71109	4.64973	2.70093	0.0207244	0.0265462



Densificación y Mallado

Processing Mode Quality	High
Nadir Images	60% Include predominantly nadir images to optimize processing for natural terrain.
Oblique images	15%
Horizontal images	25%
Total Points	68.8 million
Point Cloud Density	372.34 points/m ²
Mesh Triangles	4.0 million

Modelo de elevación digital

Mode	Generated from Mesh
DEM GSD	DEM 4.24cm/px
Relative/Absolute	Absolute Altitude

