

Ribaue - Mocone-Ribáuè

Captured: Oct 30, 2021, Processed: Nov 10, 2021



Map Details Summary ⓘ

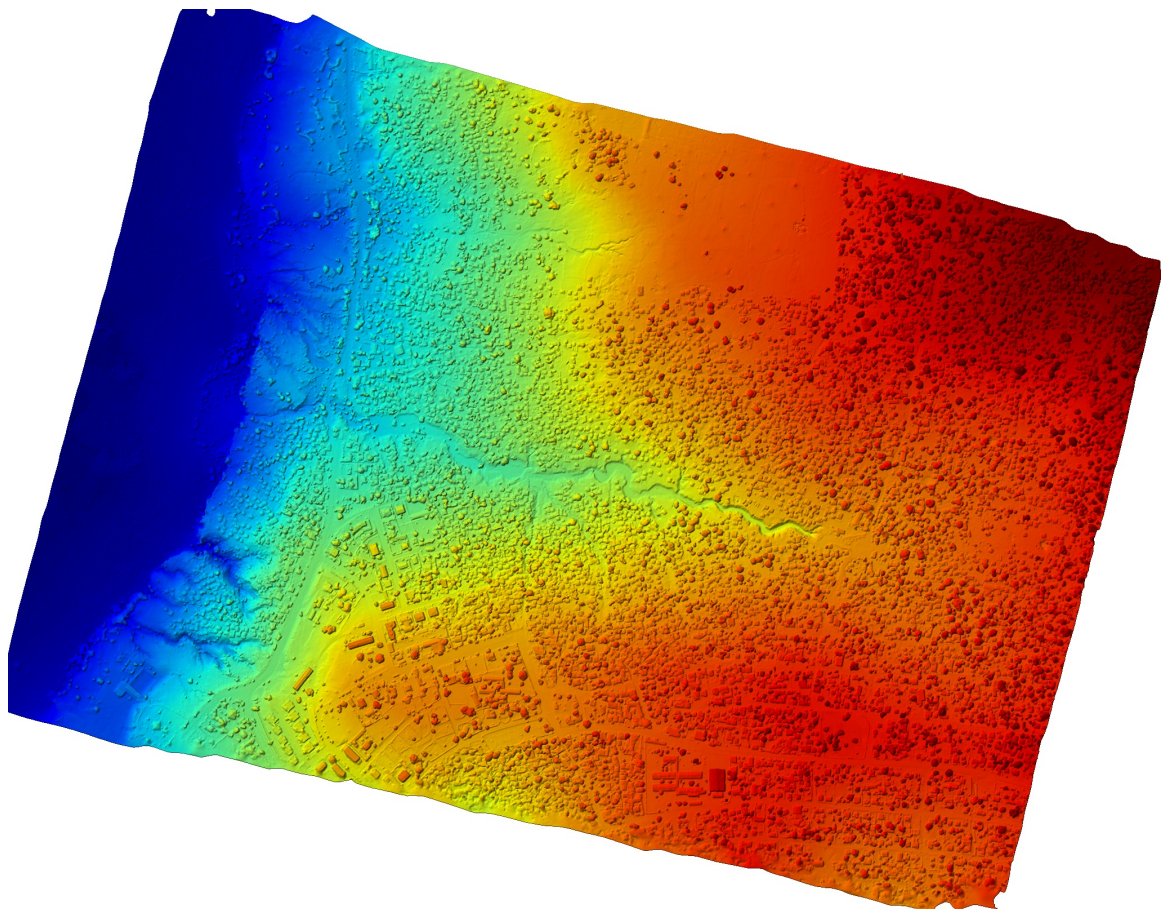
Project Name	Ribaue - Mocone-Ribáuè
Photogrammetry Engine	DroneDeploy Proprietary
Date Of Capture	Oct 30, 2021
Date Processed	Nov 10, 2021
GSD Orthomosaic (GSD DEM)	1.88in/px (DEM 7.53in/px)
Area Bounds (Coverage)	48001880.28ft ² (68%)
Image Sensors	DJI - FC6310
Average GPS Trust	32.81ft

Quality & Accuracy Summary ⓘ

Image Quality	High texture images
Median Shutter Speed	1/400
Images Uploaded (Aligned %)	975 (100%)
Camera Optimization	0.01% variation from reference intrinsics

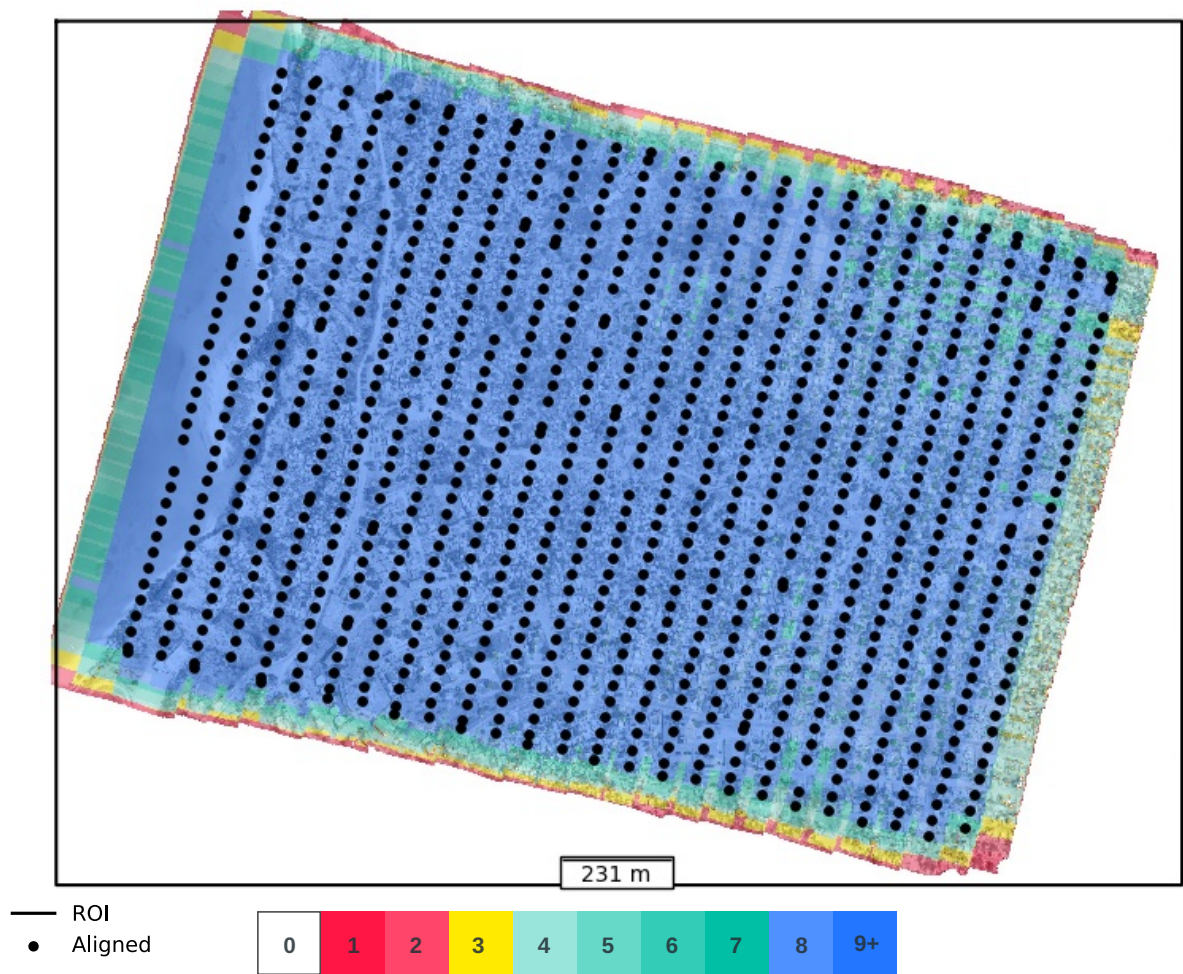
Preview ⓘ





Dataset Quality Review

Orthomosaic Coverage ⁽ⁱ⁾



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 - FC6310
Image Count (by sensor)	975
Image Resolution	4864x3648 (~18MP)
Orthomosaic coverage (% of area of interest)	68.76
Average Orthomosaic Image Density within Structured Area	13 images/pixel
Median Shutter Speed	1/400

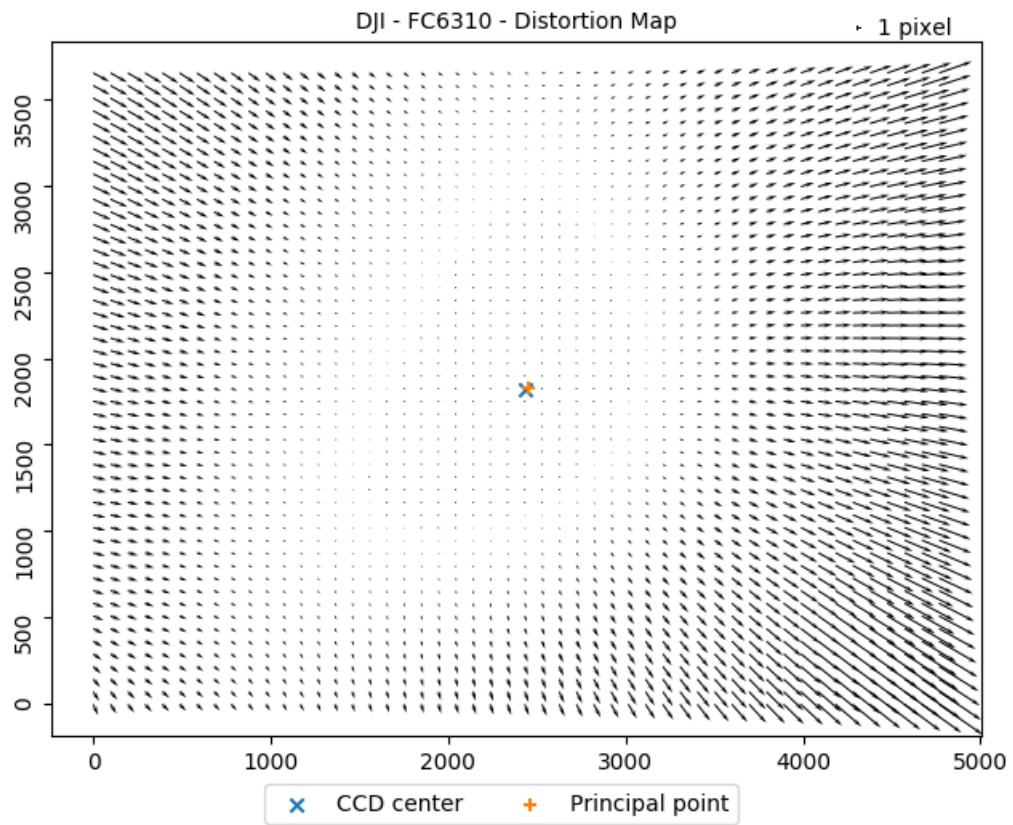
Structure from Motion *i*



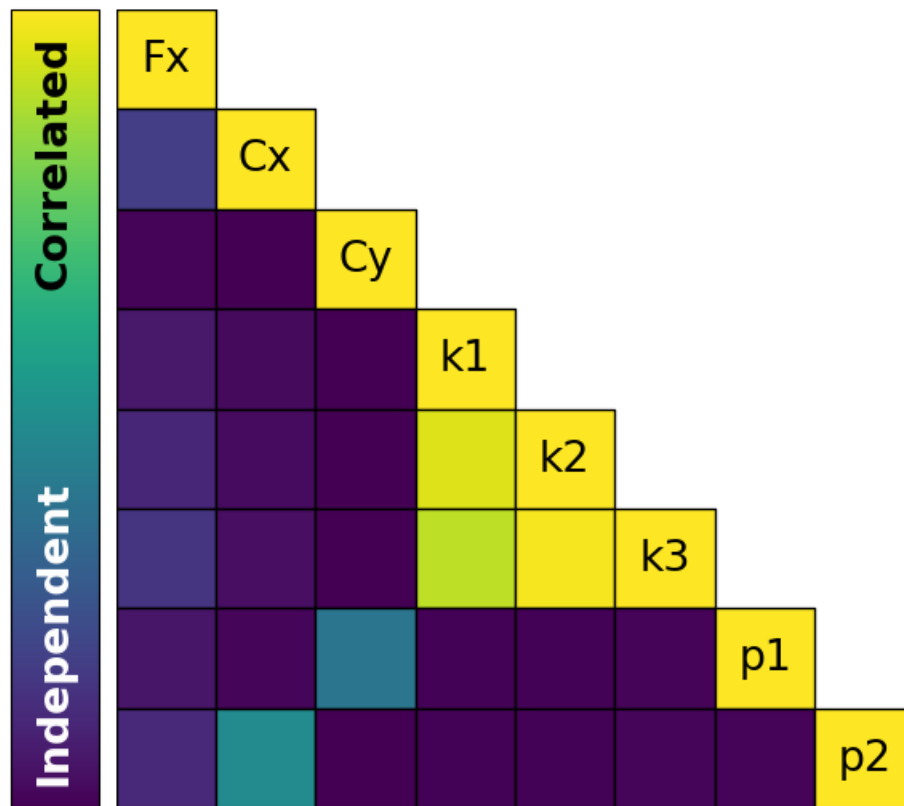
Aligned Cameras	100% 975/975
RMSE of Camera GPS Location	X 6.39ft Y 21.41ft Z 5.95ft RMSE 13.35ft

Camera Calibration *i*

Camera Optimization	0.01% variation from reference intrinsics
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	Fx	Cx	Cy	k1	k2	k3	p1	p2
Value	3665.39	2451.44	1833.18	0.00628158	-0.0172344	0.0170869	-0.000581032	0.00121294
Error	0.862728	0.0489898	0.044587	0.22145	0.734711	0.748398	0.0105214	0.0130115



Densification and Meshing ⁽ⁱ⁾

Processing Mode Quality	High
Nadir Images	100% Include oblique or horizontal images to improve reconstructions of man-made structures.
Oblique images	0%
Horizontal images	0%
Total Points	61.0 million
Point Cloud Density	1.85 points/ft ²
Mesh Triangles	4.0 million

Digital Elevation Model ⓘ

Mode	Generated from Mesh
DEM GSD	DEM 7.53in/px
Relative/Absolute	Absolute Altitude

