

Project_2023-07-26_11-44_Golden_Mask_2 - Quality Report

PIX4Dmatic 1.47.1

Cameras	Delair UX113B_12.0_5048x4228
Average GSD	39.1 cm
Project CRS	WGS 84 / UTM zone 9N + EGM96 height - EPSG:32609+5773 [EGM96]

Quality check

Matches	Median of 33 matches per calibrated image	!
Dataset	0.4% calibrated (8/2035)	!
Camera optimization	97.7% relative difference between initial and optimized internal camera parameters	!
GCPs	0 GCP(s)	!
Checkpoints	0 Checkpoint(s)	!
MTPs	21 MTP(s)	!

Camera Positions

Internal Camera Parameters

Delair_UX113B_12.0_5048x4228. Sensor Dimensions: 8.430 [mm] x 7.061 [mm]

	Focal length	Principal point x	Principal point y	R1	R2	R3	T1
Initial	7196.510 px 12.018 mm	2476.130 px 4.135 mm	2162.940 px 3.612 mm	-0.190	0.310	0.244	-0.000
Optimized	168.828 px 0.282 mm	1079.033 px 1.802 mm	1587.691 px 2.651 mm	-198.055	-2.855	0.297	274.548
Uncertainties (Sigma)	958455037.077 px 1600619.912 mm	3586513.639 px 5989.478 mm	1504086.892 px 2511.825 mm	50364967593.721	22495810439414500.000	874387424951549558784.000	3027852

Tie points

1. Manual tie points (MTPs)

Label	Reprojection error [px]	Verified/Marked
MTP3		2/2
MTP4		4/4
MTP5		5/8
MTP18		2/2
MTP19		2/2
MTP20		2/2
MTP2		2/2
MTP17		2/2
MTP16		2/2
MTP8		2/2
MTP9		2/2
MTP10		2/2
MTP15		2/2
MTP22		2/2
MTP7		2/2
MTP13		2/2
MTP21		2/2
MTP23		2/2
MTP6		2/2
MTP12		2/2
MTP14		2/2

Hardware & settings

System information

Hardware: CPU: Intel(R) Core(TM) i9-10885H CPU @ 2.40GHz, cpus=1, threads=16

RAM: 31.73 GB

GPU: NVIDIA Corporation Quadro RTX 3000/PCIe/SSE2

Operating system: Windows 10 Version 2009

Coordinate reference systems

Image coordinate reference system(s): WGS 84 + EGM96 height - EPSG:4326+5773

Project coordinate reference system: WGS 84 / UTM zone 9N + EGM96 height - EPSG:32609+5773 [EGM96]

Processing settings

Calibration

Completed

Pipeline: Scalable
standard

Template: Large scale
and corridor

Internals confidence:
Low

Image scale: 1/1

Max extracted keypoints:
Automatic

Reoptimized: Yes

Use automatic ITPs:
Disabled

27m 5s