

HOW TO READ A DJI TERRA QUALITY REPORT FOR 3D MODELS

DJI Terra Quality Report

Model Information Overview

Item	Value
Input Images	27
Calibrated Images	27
Georeferencing RMSE	0.815994 m

Model Information Overview

1. Input Images: the number of images which have been captured and input into the software for reconstruction
2. Calibrated Images: the number of images reconstructed
3. Georeferencing RMSE: the root mean square error between solved and original georeferenced coordinates of images (in meters).

RTK Status

Status	Number of Images
FIX	0
FLOAT	0
SINGLE	0
NONE	27

RTK Status

1. FIX: fix solution, where positioning is within centimeter accuracy
2. FLOAT: float solution, where positioning is within decimeter accuracy
3. SINGLE: single solution, where positioning is within meter accuracy
4. NONE: not using RTK

Camera Calibration Information

Camera Internal Parameters

Camera Model FC6310

Item	Focal	Cx	Cy	K1	K2	K3	P1	P2
Initial	3666.00	2432.00	1824.00	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
Optimized	3671.18	2430.55	1824.86	0.00684623	-0.02414635	0.02661213	0.00047535	0.00011390

1. Camera Calibration Information
2. Camera Model: FC6310
3. Initial: internal camera parameters
4. Optimized: Optimized internal camera parameters
5. Focal: Focal length of camera in pixel
6. Cx, Cy: Principal point coordinates of photograph in pixel
7. K1, K2, K3, P1, P2: Camera distortion parameters

Process Information

Process Parameters	Value
Quality Level	High

Process Information

Quality Level: image resolution for reconstruction
High: Original image resolution
Medium: 1/2 of original image resolution
Low: 1/4 of original image resolution