

DJI Terra Feature List

Module	Function	Agriculture Version	Standard Version	Flagship Version	Cluster Version
Import	Aerial and ground Images in JPG formats	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Third-party camera data	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Image POS data		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	LiDAR data ^[1]		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Multispectral data ^[2]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Projects	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	KML files		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Reconstruction with over 500 Photos or 8GB point cloud	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reconstruction	Visible light aerotriangulation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	DSM and DOM reconstruction from visible light photos		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Mesh reconstruction from visible light photos		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Point cloud reconstruction from visible light photos		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Point cloud classification after visible light reconstruction		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	DEM generation after visible light reconstruction		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Contour line generation after visible light		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	reconstruction				
	Grid of points generation after visible light reconstruction		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	TIN generation after visible light reconstruction		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2D reconstruction (farmland) from visible light photos	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2D reconstruction (fruit tree) from visible light photos	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Power lines reconstruction from visible light photos			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	Gaussian splatting DOM from visible light photos			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Gaussian splatting 3D reconstruction from visible light photos			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	LiDAR point cloud data post- processing		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	LiDAR point cloud accuracy optimization		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	LiDAR point cloud smoothing		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	LiDAR point cloud mesh generation		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	LiDAR substation		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	reconstruction				
	LiDAR point cloud classification		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	LiDAR point cloud contour lines generation		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2D multispectral reconstruction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Multi-GPU reconstruction		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Flight Route Planning	Detailed inspection ^[3]			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Agricultural application	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tools	Annotation and measurement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Custom coordinate system settings		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Region of interest		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	Quality reports	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Control and check points		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Zoom constraints ^[4]		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Flight trajectory	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Cluster reconstruction				<input checked="" type="checkbox"/>
	Visible light local PPK		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Zenmuse LiDAR cloud PPK ^[5]		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Template with custom parameter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Support	Forum community ^[6]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Error upload ^[7]		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	License unbinding ^[8]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Language	9 multilingual options	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

	Imperial length units	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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1. Only supports importing data collected by DJI Zenmuse LiDAR.
2. Multispectral reconstruction supports importing photos collected by Mavic 3 Multispectral and Phantom 4 Multispectral.
3. Only the following models support importing flight routes of detailed inspection projects:
 - (1) Phantom 4 RTK (remote controller without screen)
 - (2) Matrice 300 RTK + H20 series payload
 - (3) Mavic 2 Enterprise Advanced
 - (4) Matrice 30 series
 - (5) DJI Mavic 3 enterprise series
 - (6) DJI Matrice 4T, 4D, 4TD, and 4E
4. Scale constraints are only available for visible light reconstruction tasks.
5. Only supports reconstruction tasks for Chinese mainland users, and the offline license does not include this feature.
6. <https://bbs.dji.com>
7. Only supports reconstruction tasks for Chinese mainland users, and the offline license does not include this feature.
8. A license bound to one device can be unbound once per calendar year. Licenses bound to three or more devices can be unbound twice per year. All devices under the license will be unbound after applying. Free trial licenses do

not support unbinding.

9. The education version does not support reconstruction of more than 500 photos or 8GB point cloud, nor error uploads. Other features are equivalent to the flagship version.

10. Offline authorization cannot use the following online functions:

(1) GEO Zone unlocking

(2) Map loading and location search

(3) DJI Terra software control of aircraft will be restricted (without account login)

(4) Error data upload

DJI Modify Feature List

Module	Function	Standard Version	Flagship Version
Import	Mesh in B3DM or PLY format	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Point cloud in LAS format		<input checked="" type="checkbox"/>
	500MB mesh in PLY format or point cloud in LAS format	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mesh	Remove Floating Parts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Repair Water Surface	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Flatten	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Repair Texture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Fill Holes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Point Cloud	Smoothing		<input checked="" type="checkbox"/>
	Noise Reduction		<input checked="" type="checkbox"/>
	Downsampling		<input checked="" type="checkbox"/>
	Smart Filter		<input checked="" type="checkbox"/>
	Terrain Filter		<input checked="" type="checkbox"/>
	Basic selection tool ^[1]		<input checked="" type="checkbox"/>
	Smart selection ^[2]		<input checked="" type="checkbox"/>
	DEM generated from point cloud		<input checked="" type="checkbox"/>

	Contour lines generated from point cloud		<input checked="" type="checkbox"/>
	Grid of points generated from point cloud		<input checked="" type="checkbox"/>
	TIN generated from point cloud		<input checked="" type="checkbox"/>
Tools	Output export	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Model browsing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Historical version ^[3]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Project export ^[4]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Cloud sharing ^[5]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Profile tool ^[6]		<input checked="" type="checkbox"/>
	Coordinate system display ^[7]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Support	Forum community ^[8]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	License unbinding ^[9]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Language	9 multilingual options	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

1. Basic selection includes tools such as polygon selection, rectangle selection, brush selection, and single selection.
2. Smart selection includes tools such as color selection, quick selection, and structure selection.
3. Historical versions support only 3D mesh model projects.
4. Exporting projects is only supported for 3D mesh model projects.
5. Cloud sharing is only supported for 3D mesh model projects.
6. The profile tool is only supported for 3D point cloud model projects.

7. Coordinate system display is only supported for 3D point cloud model projects.

8. <https://bbs.dji.com>

9. A license bound to one device can be unbound once per calendar year.

Licenses bound to three devices can be unbound twice per year. All devices under the license will be unbound after applying.