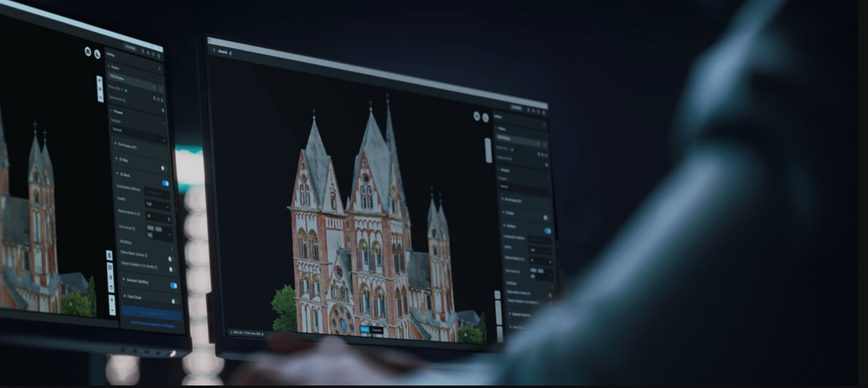


DJI Terra is 3D modeling software equipped with next-generation reconstruction technologies, including 3D Gaussian Splatting. It supports accurate and efficient 2D and 3D reconstruction from visible light imagery, and processes data collected by DJI LiDAR. When integrated with DJI drones, Terra delivers a unified hardware and software solution for data acquisition, processing, and application, streamlining aerial surveying workflows for greater efficiency and accuracy.

- Photorealistic Gaussian Splatting
- Photogrammetry, Trusted Precision
- LiDAR Reconstruction, Broad Applications
- Multispectral Reconstruction for Agriculture
- Cluster Reconstruction, Superior Efficiency
- Integrated Aerial Survey (Hardware + Software)

DJI ENTERPRISE

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DJI TERRA

Make the World Your Digital Asset





Photorealistic Gaussian Splatting

- Stunning, photo-quality 3D models
- Doubles traditional modeling efficiency for large-scale scenes
- City-scale reconstruction for complex scenarios
- Simple operation on entry-level hardware
- Universal data formats for greater flexibility

Photogrammetry, Trusted Precision

- High-fidelity 2D/3D models
- High-accuracy 1:500 mapping
- Fast, on-site results

LiDAR Reconstruction, Broad Applications

- 2D-3D data fusion-based modeling
- Centimeter-level accuracy
- Rich usage scenarios
- Large-scale reconstruction

Multispectral Reconstruction for Agriculture

- Vegetation index maps
- Prescription maps for agriculture

Cluster Reconstruction, Superior Efficiency

- Massive scale capability
- Lightning-fast performance

Integrated Aerial Survey (Hardware + Software)

- From flight to insight, instantly
- DJI Terra and DJI Modify seamless workflow
- End-to-end solution

Terra License Plans

Feature/Version [1]	Agriculture	Standard	Flagship	Cluster	Education [2]
Agricultural Application	√	√	√	√	√
2D Map Reconstruction (Field/Fruit Tree)	√	√	√	√	√
2D Map Reconstruction (Urban)		√	√	√	√
2D Multispectral Reconstruction	√	√	√	√	√
3D Mesh Reconstruction		√	√	√	√
LiDAR Point Cloud Reconstruction		√	√	√	√
Terrain Result		√	√	√	√
Gaussian Splatting			√	√	√
Electricity Application [3]			√	√	√
Cluster Computation				√	
Bind Device	3 Devices	1 Device	1 Device	1 Device 3 Nodes	10 Devices
Authorization Mode [4]	Online	Online/Offline	Online/Offline	Offline	Online
Validity Period	1 Year	1 Year/Permanent [5]	1 Year/Permanent [5]	Permanent [5]	Permanent [5]

1. For more information about features, refer to the official DJI website.
2. The reconstruction of 500+ photos is not supported by the Education version of Terra.
3. Electricity Application includes capabilities such as detailed inspection and visible-light power line scene modeling.
4. The following online features are not available in Offline Mode:
(1) Unlocking GEO Zones;
(2) Map loading and location searching;
(3) Bug Report.
5. Please refer to the official DJI website.

* System requirements for DJI Terra V5.0.0: Windows 10 or above (64-bit), 32GB of RAM, NVIDIA graphics card (4GB) with compute capability 6.1 or above.
** Data was collected in a controlled environment. Actual experience may vary. For instructions and precautions on specific features, refer to the official DJI website.

Scan the QR code to request a free trial