



DJI Terra Release Note

Version: 2.1.1

Update details

【 Highlights 】

- Adds support to 2D Multispectral Reconstruction

【 Optimization 】

- Changes the identification color of telegraph poles to red for fruit tree missions.
- Graphics cards with Turing GPU architecture supports 2D map reconstruction in Fruit Tree mapping scene.

【 Fixes 】

- Fixes specific issues and improves overall software quality.

【 Supported Devices 】

- Phantom 4
- Phantom 4 Pro
- Phantom 4 RTK (Remote Controller)
- Phantom 4 Pro V2.0
- Phantom 4 Pro + V2.0
- Phantom 4 Advanced

【 Note 】

- 2D Multispectral reconstruction is only available for multispectral images captured by

P4 Multispectral.

- Changes the identification color of telegraph poles to red is only available for fruit tree missions generated in V2.1.1 and later versions.

Release Date: 2019-09-24

Version: 2.1.0

Update details

【 Highlights 】

- Adds support to corridor flight route mission.
- Adds support to Real-time 3D point cloud.

【 New 】

- Adds support to GCP management.
- Supports Output Coordinate Systems selection.
- Adds support to the output and check of 3D point cloud.
- Supports 3D reconstruction circling scenario.
- Supports OSGB, PLY, and OBJ formats for 3D reconstruction.

【 Optimization 】

- Doubles the 2D reconstruction speed.
- Supports the progress checking for reconstruction missions in mission library.
- Supports in-order multi-mission reconstruction.
- Supports searching for Mission Library
- Adds the low lit exposure scenario for Shutter Priority.

【 Supported Devices 】

- Phantom 4
- Phantom 4 Pro
- Phantom 4 RTK (Remote Controller)
- Phantom 4 Pro V2.0
- Phantom 4 Pro + V2.0
- Phantom 4 Advanced

【 Note 】

- Real-time 3D Point Cloud is only available for Phantom 4 RTK (Remote Controller), Phantom 4 Pro V2.0, and Phantom 4 Pro+V2.0.

Release Date: 2019-09-16

Version: 2.0.4

Update details

【 Fixes 】

- Fixes the issue where the spraying toggle is located incorrectly for some scenarios in fruit tree mode.
- Fixes the issue where the flight route in some scenarios of fruit tree mode is different from that displayed in the MG app.

【 Supported Devices 】

- Phantom 4
- Phantom 4 Pro
- Phantom 4 RTK (Remote Controller)
- Phantom 4 Pro V2.0

- Phantom 4 Pro + V2.0
- Phantom 4 Advanced

Release Date: 2019-07-24

Version: 2.0.3

Update details

【 Highlights 】

- Supports auto identification for tree crown center and spraying tasks for fixed points in fruit tree tasks.
- Auto-identified results can now be modified for fruit tree tasks.

【 New 】

- Supports configuring exposure compensation parameters for shutter priority.
- Supports selecting export content when exporting tasks.
- Supports executing any flight route tasks for oblique photography tasks.

【 Optimization 】

- Supports license 7-day expiration reminder.
- Optimizes task library user experience.
- Supports waypoint switch shortcuts (Ctrl+left/right button) for waypoint tasks.
- The minimum flight speed of all flight route tasks are adjusted to 0.2 m/s.

【 Fixes 】

- Fixed the issue where the data collection overlapping rate may not be consistent after the task is resumed from the break point.

【 Supported Devices 】

- Phantom 4
- Phantom 4 Pro
- Phantom 4 RTK (Remote Controller)
- Phantom 4 Pro V2.0
- Phantom 4 Pro + V2.0
- Phantom 4 Advanced

Release Date: 2019-07-02

Version: 2.0.2

Update details

【 Fixes 】

- Fixes flight records file errors.
- Fixes flight mission saving errors in Dubai region.
- Fixes GEO zones display error in London.

【 Supported Devices 】

- Phantom 4
- Phantom 4 Pro
- Phantom 4 RTK (Remote Controller)
- Phantom 4 Pro V2.0
- Phantom 4 Pro + V2.0
- Phantom 4 Advanced

Release Date: 2019-05-24

Version: 2.0.1

Update details

【 New 】

- Supports fruit tree missions uploading to DJI Agras Management System (only available in Mainland China).

【 Fixes 】

- Fixes account permission issues.
- Fixes searching errors for Google Map.
- Fixes reconstruction errors for fruit tree mission placed in southern and western hemispheres.

【 Supported Devices 】

- Phantom 4
- Phantom 4 Pro
- Phantom 4 RTK (Remote Controller)
- Phantom 4 Pro V2.0
- Phantom 4 Pro + V2.0
- Phantom 4 Advanced

Release Date: 2019-05-06

Version: 2.0.0

Update details

【 Highlights 】

- Introduces an Oblique Photography Mission for comprehensive data collection within

the mission area.

- Supports 3D model reconstruction in OSGB, B3DM, and PLY formats.
- Supports adaptive subdivision for 3D reconstruction to optimize RAM consumption.
- Supports Annotation and Measurement features for coordinate, distance, area, and volume measurement.
- Displays Camera Pose for viewing the corresponding positions of all capture points and selected points.
- Supports DSM output for 2D map reconstruction.
- Includes Quality Report for reconstruction (for details, see How to read Quality Report).
- Supports 3D mission planning for 3D waypoint flight missions based on 3D model.
- Includes new feature for binding reconstruction results to waypoint missions.
- Supports Timed Shot and aircraft yaw angle adjustment for waypoint missions.
- Supports viewing and managing Unlocking Licenses.
- Supports auto flight route generation based on fruit tree auto recognition result.

【 Optimization 】

- Supports 2D map reconstruction based on UTM projection.
- Optimizes RAM consumption for 2D map reconstructions to process more images.
- Optimizes image definition of DOM to ensure the details of original images are maintained as accurately as possible.
- Supports direct access to the reconstruction page through the mapping or oblique photography mission editing screens.
- Improves method for adding images to reconstruction missions.

- Supports new feature for displaying and hiding capture points on 2D maps.
- Supports shortcuts (Ctrl + Alt + F) for quick access to the mission folder.
- Supports setting negative relative height values for better data collection in areas with a higher altitude than the takeoff point.
- Improves FPV stuttering issues during missions.

【 Fixes 】

- Fixes specific issues and improves overall software quality.

【 Supported Devices 】

- Phantom 4
- Phantom 4 Pro
- Phantom 4 RTK (Remote Controller)
- Phantom 4 Pro V2.0
- Phantom 4 Pro + V2.0
- Phantom 4 Advanced

【 Note 】

- To share mapping missions from DJI Terra V1.3.0 with other users, open the mission with version 2.0.0 and then export it for sharing.

Release Date: 2019-03-28

For more information, please visit <https://www.dji.com/dji-terra>.