



## PHANTOM 4 RTK Release Notes

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Date:	2019.02.20
Aircraft Firmware:	v01.07.0118
DJI Assistant 2 For Phantom:	v2.0.6
DJI Assistant 2 For MG:	v2.0.12

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### What 's New?

- Improved battery stability and safety after the battery was not fully charged and discharged during long-term storage.

**If you have multiple batteries, please run this firmware update on all of them.**

### Notes!

- This firmware update may take a long time. Please wait and DO NOT power off the aircraft during updating.
- Make sure that the firmware for both the aircraft and remote controller is up-to-date. Otherwise they will not work together.
- It is not recommended to use this firmware with a PC GS Pro of v1.2.0 or lower. Otherwise some functions may not work properly.



## PHANTOM 4 RTK Release Notes

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Date:	2019.01.22
Aircraft Firmware:	v01.07.0116
Remote Controller Firmware:	v01.07.0116
DJI GS RTK App:	v1.8.25
DJI Assistant 2 For Phantom:	v2.0.6
DJI Assistant 2 For MG:	v2.0.10

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### What 's New?

- Added support for the remote controller without a built-in display for use with Mobile SDK apps.
- Added Timed Shooting mode in Photogrammetry and Linear Flight operations.
- Added the option in Advanced Settings when planning a Photogrammetry operation to set the margin of the operation area automatically.
- Added support for export and import of the planned operations using a microSD card.
- Added support for RTCM 3.2 MSM3 when using custom network RTK.
- Added the option in General Settings in Camera View to select Grid as FPV Display Mode.
- Added the function to center the gimbal by double tapping the gimbal pitch status bar in Camera View.
- Cancelled the limit for the length of the flight route when planning an operation.
- Optimized the calculation for the flight route and operation duration.
- Fixed occasional issue: app crash caused by some random operations.
- Fixed occasional issue: there was no marker for the breakpoint after pausing the operation.
- Fixed occasional issue: the storage path of the pictures shot during automatic operations was wrong.
- Fixed issue: wrong display of some text in the app.
- Fixed issue: wrong display of GSD value when system language was Japanese.

### Notes!

- This firmware update may take a long time. Please wait and DO NOT power off the aircraft during updating.
- Be sure to update the firmware for both the aircraft and the remote controller. Otherwise they will not work together.
- It is not recommended to use this firmware with a PC GS Pro of v1.2.0 or lower. Otherwise some functions may not work properly.



## PHANTOM 4 RTK Release Notes

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Date:	2019.01.02
DJI GS RTK App:	v1.8.22-GSP-HF.1

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### What 's New?

- Extended the free trial period for the function of creating operation areas through KML/KMZ files.

### Notes!

- Only an app update is required. There is no need to update the remote controller or aircraft firmware.



## PHANTOM 4 RTK Release Notes

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Date:	2018.12.05
Aircraft Firmware:	v01.06.0104
Remote Controller Firmware:	v01.06.0106
DJI GS RTK App:	v1.8.22
DJI Assistant 2 For Phantom:	v2.0.6
DJI Assistant 2 For MG:	v2.0.10

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### What 's New?

- Added the operation type of Linear Flight, and the support for KML/KMZ files import to create a Linear Flight operation area.
- Added support for RTCM 3.2 MSM6, and MSM7 when using custom network RTK.
- Added Galileo satellite count display in RTK Settings in the app.
- Added the option in Aircraft Settings in the app to exit operations after remote controller signal is lost.
- Added support for gimbal pitch angle configuration to be set to more than 0° which indicates the upward movement of the gimbal.
- Added support for the remote controller to use the Network RTK service via Wi-Fi.
- Added support for the remote controller to connect to the Internet via Wi-Fi for aircraft activation.
- Changed the maximum number of waypoints in one operation to 200.
- Changed the maximum area margin in Photogrammetry operations to 200 meters.
- Optimized the calculation for the threshold of battery level during Low Battery RTH to prolong time for executing operations.

### Notes!

- This firmware update may take a long time. Please wait and DO NOT power off the aircraft during updating.
- Be sure to update the firmware for both the aircraft and the remote controller. Otherwise they will not work together.
- It is not recommended to use this firmware with a PC GS Pro of v1.2.0 or lower. Otherwise some functions may not work properly.



## PHANTOM 4 RTK Release Notes

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Date:	2018.10.16
Aircraft Firmware:	v01.05.0106
Remote Controller Firmware:	v01.05.0108
DJI GS RTK App:	v1.8.15
DJI Assistant 2 For Phantom:	v2.0.4
DJI Assistant 2 For MG:	v2.0.8

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### What's New?

- Added the operation type of Photogrammetry 3D for tilt photogrammetry and 3D mapping.
- Added the function to obtain the aircraft's last known position. Go to Camera View in the app > ●●● > ●●● > Find Aircraft to view the longitude and latitude coordinates where the aircraft was powered off or remote controller signal was lost for the last time.
- Added the function to store firmware package cache in the aircraft for offline update. There will be a prompt on the Main Screen in the app when the firmware of some modules such as Intelligent Flight Battery doesn't match the current aircraft firmware. Tap Update to finish firmware update without downloading the firmware once more.
- Changed the naming rule of the image files and folders of the Photogrammetry operations to fix the issue of duplicate file names when multiple groups of images are used for post-processing.
- Added the contents recorded in the MRK files produced during a Photogrammetry operation, such as the offset from the antenna phase center to the camera sensor center, the latitude and longitude of the camera, and the RTK information (including the RTK positioning status, and the standard deviation of the base station data is recorded if a base station is in use) when shooting.

### Notes!

- This firmware update may take a long time. Please wait and DO NOT power off the aircraft during updating.
- Be sure to update the firmware for both the aircraft and the remote controller. Otherwise they will not work together.
- It is not recommended to use this firmware with a PC GS Pro of v1.2.0 or lower. Otherwise some functions may not work properly.