DJI MATRICE 600 PRO Release Notes

Date :	2018.04.17
Aircraft Firmware :	V 1.0.1.66
DJI GO App :	iOS V 3.1.31, Android V 3.1.30
DJI Assistant 2 :	V 1.1.7

What´s New?

Aircraft Firmware:

- Improved altitude measuring precision by lowering barometer drift rate.

Notes!

- No Intelligent Flight Battery firmware update required.

- Aircraft settings will be reset after firmware update. Remember to reconfigure the settings.

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DJI MATRICE 600 PRO Release Notes

Date :	2017.10.24
Aircraft Firmware :	V 1.0.1.65
DJI GO App :	iOS V 3.1.18, Android V 3.1.11
DJI Assistant 2 :	V 1.1.6

What's New?

Aircraft Firmware:

- Increased flight safety.

- Fixed issue of output error when F channel input is 0.

- Fixed issue that part of the flight record has been lost.

- Fixed issue where the abnormal heading is displayed incorrectly in the DJI GO app when using the A3 Pro flight controller with D-RTK.

Notes!

- No Intelligent Flight Battery firmware update required.

- Aircraft settings will be reset after firmware update. Remember to reconfigure the settings.

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DJI MATRICE 600 PRO Release Notes

Date :	2017.08.16
Aircraft Firmware :	V 1.0.1.60
DJI GO App :	iOS V 3.1.14, Android V 3.1.10

What´s New?

Aircraft Firmware:

Aircraft Functions

- For increased safety, the flight is restricted to a height of 30 m and distance of 50 m when not connected or logged into the app during flight, including DJI GO* and all apps compatible with DJI aircraft.

- Aircraft will now exit Return to Home (RTH) if GPS signal is weak and re-enter RTH if GPS signal is regained.

- Added motor collision detection at low altitudes. The aircraft will stop the motors if a collision is detected while the aircraft is at an altitude lower than 2 m above the takeoff point.

- Added customized Playback and Record button functions on the remote controller that can be mapped in DJI Assistant 2 software.**

- Added compass interference and ESC error displays to DJI GO* and warning alarms for the remote controller.

- Added a function that detects whether or not D-RTK antennas are installed correctly.

- Added an Aircraft Status Indicator display for D-RTK signal quality. The LED will blink red (alternating with the flight mode pattern) if signal is weak.

- Disabled control smoothing when switching from P-mode to A-mode.

- Updated no-fly zones.

- Optimized no-fly zone whitelisting.

- Optimized distance limitations, which are disabled by default and can be enabled in the app.

- Optimized propulsion output.

- Fixed an issue where the aircraft could automatically takeoff and land when idling on the ground.

- Fixed a rare issue causing battery level calculation errors.

- Fixed an issue leading to invalid GPS signatures.

- Fixed issue where D-RTK data in the DJI GO app displayed incorrectly.

- Fixed altitude drops caused by lost D-RTK data during Waypoint flight with the DJI GO app or DJI GS Pro.

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*The latest version of DJI GO is required.

**Soon-to-release DJI Assistant 2 software is required.

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DJI MATRICE 600 PRO Release Notes

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Onboard SDK Functions (v3.3 is required)

• Added multi-functional channel outputs and inputs.

• Added several options that allow more data to be pushed, including a high-frequency (400 Hz) push setting.

• Users can now subscribe data.

• Enhanced interface sampling synchronization for external sensors.

• Updated takeoff, landing, and RTH interfaces.

• Added angular rate control.

• Optimized logic for regaining control.

Notes!

• No Intelligent Flight Battery firmware update required.

• Aircraft settings will be reset after firmware update. Remember to reconfigure the settings.

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DJI MATRICE 600 PRO Release Notes

Date :	2017.05.02
Aircraft Firmware :	V 1.0.1.20
Lightbridge 2 Air System Firmware :	V 1.1.60
Remote Controller Firmware :	V 1.2.10
DJI GO App :	iOS V 3.1.10, Android V 3.1.5
DJI Assistant 2 :	V 1.1.1

What's New?

Aircraft Firmware:

• Added support for version matching between DJI Assistant 2 and flight control system.

• Added SDK activation through DJI Assistant 2.

• Added GPS information recording when taking stills with a third-party camera connected to a Ronin-MX and Matrice 600 Pro.

• Improved barometer self-checking.

• Optimized motors initialization.

• Optimized GPS information encoding.

• Optimized battery cell voltage difference detection.

• Optimized the switching mechanism for the redundancy system.

• Optimized redundant ESC signal transmission detection.

• Optimized SDK communication logic.

• Optimized aircraft attitude control in the SDK.

• Optimized SDK activation and version matching.

• Fixed incorrect altitude control definitions in the SDK.

• Fixed an issue where whitelisted No Fly Zones couldn't be unlocked.

• F1 to F8 channel values for the flight controller will now remain unchanged after remote controller is signal lost.

Lightbridge 2 Air System & Remote Controller Firmware:

• Optimized video downlink to improve AV input display quality in low latency mode.

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DJI MATRICE 600 PRO Release Notes

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Notes!

- Intelligent Flight Battery firmware update required.

- Be sure to use the latest version of DJI Assistant 2 to configure the Matrice 600 Pro.

- Ensure that the remote controller and Lightbridge 2 Air System have the latest firmware.

- Aircraft settings will be reset after firmware update. Remember to reconfigure the settings.

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DJI MATRICE 600 PRO Release Notes

Date :	2017.02.14
Lightbridge 2 Air System Firmware :	V 1.1.50
Remote Controller Firmware :	V 1.2.00
DJI GO App :	iOS V 3.1.5, Android V 3.1.3
DJI Assistant 2 :	V 1.0.9

What's New?

Firmware:

- Added support for the Matrice 600 Series Remote Controller Channel Expansion Kit.

- Added support for switching gimbal operation modes when using the Ronin-MX on Matrice 600 Pro using the slave remote controller (requires the latest Ronin-MX firmware).

- Fixed an issue causing a blurred screen.

DJI MATRICE 600 PRO Release Notes

Date :	2017.01.05
Aircraft Firmware :	V 1.0.0.80
DJI GO App :	iOS V 3.1.2, Android V 3.1.1
DJI Assistant 2 :	V 1.0.9

What's New?

Firmware:

- Added Front LEDs ON/OFF option in the DJI GO app.

- Added support for the Matrice 600 Series Remote Controller Channel Expansion Kit*.

- Added support for 2195 propellers (2500m above Sea Level only).

- Added channel mapping for the camera shutter in the map application, and GPS information recording when taking stills.

- Optimized flight control performance.

- Optimized IMU calibration functions.

- Optimized compass error check functions.

- Optimized the smart ECS communication check functions.

- Optimized the switching mechanism for the redundancy system.

- Optimized SDK data pushing.

- Added support for switching gimbal operation modes when using the Ronin-MX on Matrice 600 Pro using the slave remote controller (requires the latest Ronin-MX firmware).

Notes!

- Be sure to use the latest version of DJI Assistant 2 to configure the Matrice 600 Pro.

- Aircraft settings will be reset after firmware update. Remember to reconfigure the settings.

- No Intelligent Flight Battery firmware update required.

* Soon-to-release remote controller firmware is required.

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