



DJI N3 Release Notes

Date :	2017.06.15
DJI GO App Version :	iOS V 3.1.11, Android V 3.1.5
DJI Assistant 2 Version :	1.11
Flight Controller Firmware Version :	1.7.1.5

What 's New?

Firmware:

- N3-equipped aircraft will now exit Return to Home (RTH) if GPS signal is weak and re-enter RTH if GPS signal is regained.
- Added ground collision detection. The aircraft will stop the motors if a collision is detected.
- Control sensitivity will now reduce automatically if the aircraft is not maintaining altitude stably.
- Enhanced compass interference prevention while hovering.
- Updated no-fly zones.
- Optimized no-fly zone whitelisting.
- Optimized distance limitations, which are disabled by default and can be enabled in Assistant 2.
- Optimized motor acceleration and deceleration when pulling down the throttle stick to land.
- Optimized accelerometer driver performance.
- Fixed an issue where the aircraft could automatically takeoff and land when idling on the ground.

Onboard SDK (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 (400Hz) 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.
- Added multi-channel hardware synchronization support (with the latest version of DJI Assistant 2).

<http://www.dji.com/n3>



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Notes!

- When using the D-RTK, be sure to upgrade to this firmware version.
- Ensure that the Lightbridge 2 Air System and Ground System are on the latest firmware version.
- Use the latest version of DJI Assistant 2 to configure the flight controller.
- Flight controller settings will be reset after firmware upgrade. Remember to reconfigure the settings.
- Upgrade your iOSD MARK II firmware before use.

DJI N3 Release Notes

Date :	2017.01.18
DJI GO App Version :	iOS V 3.1.2, Android V 3.1.1
DJI Assistant 2 Version :	1.0.9-2
Flight Controller Firmware Version :	1.7.0.0

What 's New?

Firmware:

- Added support for version matching between DJI Assistant 2 and flight control system.
- Optimized the DJI Assistant 2 backup and recovery functionality.
- Optimized SDK activation and version matching.
- Optimized mobile SDK and onboard SDK communication logic.
- Optimized N3 activation function.

Notes!

- When using the D-RTK, be sure to upgrade to this firmware version.
- Ensure that the Lightbridge 2 Air System and Ground System are on the latest firmware version.
- Use the latest version of DJI Assistant 2 to configure the flight controller.
- Flight controller settings will be reset after firmware upgrade. Remember to reconfigure the settings.
- Upgrade your iOSD MARK II firmware before use.

DJI N3 Release Notes

Date :	2017.01.05
DJI GO App Version :	iOS V 3.1.2, Android V 3.1.1
DJI Assistant 2 Version :	1.0.9
Flight Controller Firmware Version :	1.1.1.00

What 's New?

Firmware:

- Added support for Lightbridge 2 Remote Controller Channel Expansion Kit*.
- Added channel mapping for the camera shutter in the map application, and GPS information recording when taking stills.
- Added support for starting the motors individually.
- Optimized control performance to support for larger aircraft.
- Optimized the switching mechanism for the redundancy system.
- Optimized Ground Station.
- Optimized SDK data pushing.
- Optimized the smart ESC communication check function.
- Optimized the takeoff protection mechanism when there is compass interference.

Notes!

- When using the D-RTK, be sure to upgrade to this firmware version.
- Ensure that the Lightbridge 2 Air System and Ground System are on the latest firmware version.
- Use the latest version of DJI Assistant 2 to configure the flight controller.
- Flight controller settings will be reset after the firmware upgrade. Remember to reconfigure the settings.
- Upgrade the iOSD MARK II firmware before use.

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