# Inspire 2 Release Notes

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|---|---|
| Date: | 2017.11.13 |
| Aircraft Firmware: | V01.01.0200 |
| Remote Controller Firmware: | V01.01.0002 |
| DJI GO 4 app: | iOS V 4.1.14 or above, Android V 4.1.14 or above |

## What's New?

- Added support for the Zenmuse X7 gimbal and camera.
- CineCore 2.1 now features an updated camera processing system, which can support the new DJI movie color system (including D-Log curves and D-Gamut Color Space) when used with Zenmuse X5S and X7.
- Added new EI mode in Camera Settings, to make the camera operation style more compatible with other professional movie cameras. Please note that EI mode can only be turned on when both SD and SSD are enabled.
- Fixed a rare issue where the camera restarts when used with a Panasonic Lumix 14-42mm/3.5-5.6 HD automatic zoom lens.
- Fixed a rare issue where image edge is deformed when using the Zenmuse X5S with some Olympus-made lenses.
- Added an auto-focus function to both ActiveTrack and Spotlight modes. The camera will re-focus on the target when the distance between the target and aircraft changes.
- Fixed a rare issue where aircraft acceleration slows down in TapFly mode.
- Optimized gimbal yaw smoothness in Follow Mode.
- Added gimbal pitch auto return to center in Landing Mode to avoid the gimbal touching the ground.
- Added a remote controller customizable button to control gimbal pitch and pan rotating to center simultaneously. Latest remote controller firmware and DJI GO 4 versions are required.
- Added DJI Goggles Head Tracking Flight and Head Tracking Gimbal.
- Fixed an issue where the slave remote controller cannot control the gimbal when using both regular and Cendence remote controllers to work as master and slave.

## Notes:

- It is recommended to update the Inspire 2 and Zenmuse X7 at the same time.
- Ensure that the remote controller is updated to the latest firmware version to activate all new features.
- If a firmware update fails, restart the aircraft and DJI GO 4, then try again.

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# Inspire 2 Release Notes

| | |
|---|---|
| Date: | 2017.06.26 |
| Aircraft Firmware: | V01.01.0010 |
| Remote Controller Firmware: | V01.01.0001 |
| DJI GO 4 app: | iOS V 4.1.2, Android V 4.1.2 |

## What's New?

- Updated no-fly zone management.
- For increased safety, flights will now be restricted to a height of 30 m and a distance of 50 m when not connected and logged into DJI GO 4 or another third-party app compatible with DJI aircraft.
- Added Dynamic Home Point, which allows the home point to update automatically based on remote controller's position when using the external GPS module.
- Added Continuous Auto Focus (AF-C) for the Zenmuse X4S.
- Fixed a rare issue where image signal couldn't be received after powering on.
- Fixed an issue where videos taken with zoom lenses weren't saved to the SD card correctly.
- Fixed a rare issue where SD card and SSD Looks didn't match.
- Fixed an issue where black frames would occasionally appear in SSD video.
- Fixed a rare issue where an update notification would still appear after completing an update successfully.
- Improved chromatic aberration calibration for some lenses.
- Improved gimbal stability for the Olympus M.Zuiko 9-18mm/4.0-5.6 lens.
- Fixed an issue where SD cards couldn't be formatted in certain situations.
- Added Intelligent Flight Battery auto-heating when charging in low temperatures.
- Intelligent Flight Batteries will be compatible with Matrice 200 series aircraft and the Ronin 2 after this update.
- Optimized image signal quality in some countries and regions.
- Added Remote Obstacle Avoidance during Return to Home.* (Only for the Zenmuse X4S and Zenmuse X5S equipped with the DJI MFT 15mm/1.7 ASPH lens.)
- Ground Station mode can no longer be entered with a remote controller button combination.

* This update should be used with the next version of DJI GO 4, which will be released soon.

## Notes:

- Make sure to restart both the aircraft and remote controller after updating them to the latest firmware. Otherwise, video downlink may be unstable. Re-link the aircraft with the remote controller if they are disconnected.
- If the firmware update fails, restart the aircraft and DJI GO 4, then try updating again.

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# Inspire 2 Release Notes

| Date: | 2017.04.12 |
|---|---|
| Aircraft Firmware: | V01.0.0330 |
| Remote Controller Firmware: | V01.0.0110 |
| DJI GO 4 app: | iOS V 4.0.7, Android V 4.0.6 |

## What's New?

- Optimized No-Fly Zone Return to Home and unlocking.
- Reduced high-frequency vibration after gimbal self-checking.
- Added an option to control gimbal pan by holding the C1 button and rotating the control dial in Follow Mode.
- When exiting an Intelligent Flight Mode, the gimbal will no longer center itself.

## Notes:

- If the firmware upgrade fails, restart aircraft, remote controller, and DJI GO 4 app and try upgrading again.

# Inspire 2 Release Notes

| | |
|---|---|
| Date: | 2017.03.02 |
| Aircraft Firmware: | V01.0.0240 |
| Remote Controller Firmware: | V01.0.0110 |
| DJI GO 4 app: | iOS V 4.0.5, Android V 4.0.4 |

## What's New?

- Added the option of Smart Arm LEDs, controlling whether front/back LEDS turn off automatically during shooting.
- Added the Pitch Range Extension function, enlarging the gimbal pitch range to -130˚~+40˚ with the function enabled; Added auto adjustment of the Zenmuse X5S gimbal yaw and pitch speed according to the FOV when the Max Gimbal Yaw Speed option is on.
- Enabled sticks control of the gimbal inside the app when TapFly is activated. Users can also control the gimbal's orientation via the remote controller. When the sticks are in use, the gimbal will automatically change into free mode. At that time, move the right stick (Mode 2) to the left or right to control gimbal yaw while move the right stick up and down to control gimbal pitch. Scroll the left dial to control the flight speed of the aircraft.
- Added Quick Spin function when TapFly is activated. When this function is enabled, the aircraft will rotate quickly to allow the gimbal to continue its rotation.
- Added the option to turn off the warning sound during firmware updates.
- Adjusted the Near Ground Warning to activate whenever the Automatic Landing Gear is switched off. When the Near Ground Warning is activated, the DJI GO 4 app will prompt when the aircraft descends to about 0.7m above the ground. The aircraft will be forced to land if the user holds down the throttle stick for 3 seconds. (Currently only for iOS)
- Added the Clip Index function to help better sort video clips saved in the CINESSD.
- Added camera lens distortion correction in H.264/H.265 formats.
- Added Looks (Standard and D-Log) and removed Color when shooting with both SSD and SD enabled.
- ISO value will now be locked to 500 when shooting videos in D-Log.
- Added a vibration warning on the remote controller for emergency braking, quick spin and auto landing.
- Added customization of responsiveness to stick movements and enabled Quick Spin in Tripod Mode.
- Added Course Lock Function when advanced features such as TapFly and ActiveTrack are enabled.
- Added quick exiting for advanced features by pressing and holding the Pause Button for 3 seconds. (Currently only for iOS)
- Optimized ActiveTrack, adding the option to make the aircraft's heading consistent with the object's direction of movement.
- Enabled Spotlight Pro in A mode.
- Enabled the app to remember the Video Format and Color settings in use when powering off the aircraft by pressing the power button.
- Enhanced the quality of dark parts of videos in the Apple ProRes format.
- Enhanced color transition in the dark parts of D-Log videos.

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- Optimized the self-diagnosis process of the gimbal.
- Enhanced gimbal self-calibration and increased calibration accuracy.
- Fixed occasional failure of gimbal tilt motor initialization.
- Enhanced the accuracy of detecting water or flat surfaces.
- Optimized the interaction experience of Master and Slave remote controllers.
- Increased stability when using the Master and Slave remote controllers in the operation frequency of 5.8GHz
- Added the operation frequency of 5.6GHz for Master and Slave remote controllers in Japan.
- Disabled the function of stopping motor mid-flight by pressing the RTH button while simultaneously pulling the left stick to the bottom inside corner and holding for 3 seconds by default. The user should go inside DJI GO 4 app to enable this function.
- Adjusted the default critical low battery warning to 7%.
- Disabled the aircraft from taking off with only one battery.
- Disabled the aircraft from taking off when the batteries are not inserted correctly.
- Adjusted limited flight range in and around airports.
- Supported to update the firmware of the DJI Focus Handwheel and Inspire 2 GPS Module when connecting to the remote controller.
- Fixed the occasional image anomaly with some gimbal cameras.
- Enhanced the Return-to-Home accuracy.
- Added the display of aircraft output power status in the outer ring of the Flight Attitude Icon.

### Notes:

- If the firmware upgrade fails, restart aircraft, remote controller and DJI GO 4 app, and retry.
- Once the firmware has been updated, it cannot be downgraded to a former version.
- Ensure remote controller is updated to the latest firmware to activate all new features.

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