

INSPIRE 1 Release Notes

2017.07.10

Overview:

1. All-in-One firmware version updated to v01.11.01.50.
2. Remote Controller firmware version updated to v1.7.80.
3. DJI GO app iOS version updated to v3.1.13.
4. DJI GO app Android version updated to v V3.1.8.

What's New:

1. Updated No Fly Zone Management.
2. 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.
3. Optimized the Remote Controller to match the latest aircraft firmware.

Notes:

1. Make sure to update your aircraft and gimbal before updating the Remote Controller.
2. Make sure you 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.
3. Please note that firmware update may reset various Main Controller Settings, such as the RTH Altitude and Maximum Flight Distance, to factory defaults. Before the update, take note of your preferred DJI GO settings, and readjust them after the update to suit your preference.
4. Aircraft version v01.11.01.50 and camera version v01.10.01.40 should be displayed in DJI GO. The version will only display correctly in DJI GO after connecting to the Internet when upgrade is complete.
5. Remote controller version v1.7.80 or above should be used together. Make sure you update the remote controller to version v1.7.80 or above. Please note that this remote controller firmware cannot be downgraded.

INSPIRE 1 Release Notes

2016.12.15

Overview:

1. All-in-One firmware version updated to v1.10.1.40.
2. Remote Controller firmware version updated to v1.7.60.
3. DJI GO app iOS version updated to v3.1.1.
4. DJI GO app Android version updated to v3.1.1.

What's New:

1. Optimized Flight Restriction Zone management by deleting flight restrictions for some abandoned airports.
2. Slowed motor stopping time to three seconds during flight.

Notes:

1. Aircraft version v1.10.1.40 and camera version v1.10.1.40 should be displayed in DJI GO. The version will only display correctly in DJI GO after connecting to the Internet when upgrade is complete.
2. The firmware can only be downgraded to v1.9.1.30 or later.

INSPIRE 1 Release Notes

2016.11.15

Overview:

1. All-in-One firmware version updated to v1.9.1.30.
2. Remote Controller firmware version updated to v1.7.60.
3. DJI GO app iOS version updated to v3.0.2.
4. DJI GO app Android version updated to v3.0.1.

What 's New:

1. Optimized the Remote Controller HDMI output format for video recording when using the Zenmuse Z3.

Notes:

1. The firmware should be used with Zenmuse Z3 firmware v01.09.01.40.

INSPIRE 1 Release Notes

2016.7.28

Overview:

1. All-in-One firmware version updated to v1.9.1.30.
2. Remote Controller firmware version updated to v1.7.40.
3. DJI GO app iOS version updated to v2.8.5.
4. DJI GO app Android version updated to v2.8.3.

What's New:

1. Updated remote controller to be compatible with the DJI Focus.

Notes:

1. The Ground System settings will be reset to default following the firmware upgrade, indicated by a beep. Restart the Ground System and check the settings.
2. This firmware applies to the following models; Inspire 1 v2.0, Inspire 1 Pro and Inspire RAW.

INSPIRE 1 Release Notes

2016.7.7

Overview:

1. All-in-One firmware version updated to v1.9.1.30.
2. DJI GO app iOS version updated to v2.8.4.
3. DJI GO app Android version updated to v2.8.2.

What's New:

1. Fixed issue of temporary Vision Positioning System sensor error on rare occasions for some aircrafts.

Notes:

1. Aircraft version v1.9.1.30 and camera version v1.8.1.00 should be displayed in DJI GO. The version will only display correctly in DJI GO after connecting to the Internet when upgrade is complete.
2. The firmware can only be downgraded to v1.8.1.00 or later.

INSPIRE 1 Release Notes

2016.6.13

Overview:

1. All-in-One firmware version updated to v1.9.1.10.
2. DJI GO app iOS version updated to v2.8.3.
3. DJI GO app Android version updated to v2.8.1.

What's New:

1. Updated the Flight Restriction Zone database.

Notes:

1. Camera version v1.8.1.00 and aircraft version v1.9.3.10 should be displayed in DJI GO. The version will only display correctly in DJI GO after connecting to the Internet when upgrade is complete.
2. The firmware can only be downgraded to v1.8.1.00 or later.

INSPIRE 1 Release Notes

2016.04.07

1. Firmware upgraded to v1.8.1.00
2. DJI GO Android upgraded to v2.7.2

Major Updates

1. Improved encryption to enhance security during transmission. Both the aircraft and the remote controller must be upgraded or else they will not link.
2. Fixed the issue of landing gears lowering in midair on rare occasions.
3. Improved stability for camera.
4. Optimized gimbal parameters.

Notes

- **Be sure to upgrade the aircraft before upgrading the remote controller, otherwise the aircraft may not be able to exit Transport mode properly.**
- Battery firmware is included in this All-in-One firmware update. Update all Intelligent Flight Batteries by using this firmware.
- Camera version v1.8.1.00 and aircraft version v1.8.1.00 should be displayed in DJI GO. The version will only display correctly in DJI GO after connecting to the Internet when upgrade is complete.

INSPIRE 1 Release Notes

2016.03.17

1. Firmware upgraded to v1.7.0.90
2. DJI GO iOS upgraded to v2.7.1
3. DJI GO Android upgraded to v2.7.0

Major Updates

1. Added auto saving of gimbal roll-axis fine tuning settings. Settings now save on power off.
2. Fixed gimbal misalignment issue when powering on.
3. Added Digital Zoom Control when recording video at 720p, 1080p and 2.7K. Put two fingers on the screen and pinch to zoom out, open your fingers to zoom in (up to 200%).
4. Optimized D-Log and D-Cinelike color space.

Notes

1. This firmware can be downgraded to v1.6.0.40 or later only.
2. Camera version v1.7.0.90 and aircraft version v1.6.0.40 should be displayed on DJI GO as this update is only for the gimbal and camera system. The version will only display correctly in DJI GO after connecting to the Internet when upgrade is complete.
3. Digital Zoom Control only supported by DJI GO app iOS v2.7.1. DJI GO app Android will support it in next version.

INSPIRE 1 Release Notes

2015.12.22

Overview:

1. All-in-One Firmware version updated to v1.6.0.40.
2. DJI GO app iOS version updated to v2.4.2.
3. DJI GO app Android version updated to v2.4.3.

What's New:

1. Improved battery reliability when using the aircraft in cold environments.

Notes:

1. The firmware can only be downgraded to v1.5.0.30 or later.

INSPIRE 1 Release Notes

2015.12.7

Overview:

1. All-in-One Firmware version updated to v1.5.0.30.
2. DJI GO app iOS version updated to v2.4.2.
3. DJI GO app Android version updated to v2.4.2.

What's New:

1. Fixed battery level fluctuation issue.
2. The X3 gimbal on the Inspire 1 is now compatible with the Osmo. Note that you must attach X3 gimbal to the Inspire 1 before updating the firmware. Do not attach X3 gimbal to the Osmo to update the firmware.
3. Follow Me feature now supported in Intelligent Flight Mode.
4. Optimized HDR performance.
5. Adjusted video storage rate to 60 Mbps at 1080p60, and 40 Mbps at 1080p30.
6. Added a feature to smooth the pitch, roll and yaw movement of the X3 gimbal from the DJI GO app.
7. Enforced read-only access for the data in the flight recorder.
8. Optimized sampling methods for the Vision Position System to improve its stability.

Notes:

1. Hibernation and gimbal protection is not supported on the Inspire 1 X3 gimbal.
2. Battery firmware is included in this All-in-One firmware update. Update all Intelligent Flight Batteries by using this firmware.
3. The firmware can only be downgraded to v1.4.10 or later.
4. Calibrate the Inspire 1 X3 gimbal when using it on the Osmo for the first time.
5. Only use Inspire 1 aircraft to update the Inspire 1 X3 gimbal. Do not use this firmware to update the Osmo gimbal.

INSPIRE 1 Release Notes

2015.9.7

Overview:

1. All-in-One Firmware version updated to v1.4.0.10.

What 's New:

1. Added Intelligent Flight Modes including Point of Interest and Waypoint.
2. A three minute cool down period is triggered when the gimbal is overloaded.

Bug Fixes:

1. Fixed the bug that caused the Intelligent Flight Battery to display inaccurate battery levels after self-discharging.

INSPIRE 1 Release Notes

2015.8.4

Overview :

1. All-in-One Firmware version updated to v1.3.0.

What's New :

1. Added option to downgrade the aircraft firmware.
2. Added HD Video Conversion option in the video editor.
3. Added High Dynamic Range (HDR) shooting feature.
4. Enabled use of remote controller to shoot photos in burst mode.
5. Fixed issue of video files being damaged when aircraft is powered off during recording.
6. Optimized transportation mode. Now allows entering transportation mode even when the gimbal is still attached to the aircraft. Transportation mode is automatically triggered when the gimbal is detached from the aircraft. Additionally, users can now immediately attach the gimbal after powering on the aircraft and exiting transportation mode.
7. Added option to enable or disable the Vision Position System.
8. Added option in Failsafe mode to land the aircraft immediately at its current position.
9. Added option to enable or disable Low Battery RTH feature.
10. Support storing customized gimbal parameters.
11. Camera View now displays the DJI logo if a video output error is detected to avoid confusion with a blank screen.
12. Motors stop spinning automatically if blocked by obstacles or excessive force.
13. Support updating remote controller firmware through the DJI GO app.
14. Optimized battery life algorithm.
15. The battery will conserve extra power if it has not been calibrated for the first time.
16. Optimized battery protection mechanism.

Bug Fixes :

2. Fixed the issue of DJI GO app displays "Flight Controller Data Error" when the capacity of flight controller is full.
3. Improved the stability of the flight controller.
4. Improved the stability of the Vision Position System.
5. Fixed the issue of failing to reset GPS coordinate on the mobile device.

INSPIRE 1 Release Notes

Notice :

1. The battery must be fully charged and then discharged to below 5% power to complete the calibration.
2. Manually toggle the Flight Mode Switch to enter the IOC.
3. Upgrading the remote controller firmware through USB flash drive is no longer supported after this update. Users should only update their remote controller by using the DJI GO app.
4. Motors may beep and LEDs may flash during the update. This is normal as the motors will be updated following this update.
5. The battery's charge and discharge cycles may be affected by the update as a result of the new calculation method for the battery life.
6. Even after the Vision Position System is disabled, the landing gear will still automatically lower in order to protect the gimbal when flying at low altitudes. If such action is not desired, turn off the Intelligent Landing Gear feature in the DJI GO app.
7. Gimbal will produce beeping sound to indicate the parameters saved successfully.
8. Aircraft firmware can only be downgraded to v1.2.106 or later.

INSPIRE 1 Release Notes

INSPIRE 1 Release Notes

2015.5.26

Overview :

1. All-in-One Firmware version updated to: v1.2.1.06

Major Updates :

1. Fixed issue of a limited number of Intelligent Flight Batteries failing to wake up from hibernation if stored for an extended period at power levels below 40%.

Notice :

1. Users may skip updating the remote controller if they have already updated the firmware to v1.2.1.03, as the latest firmware update does not affect the remote controller.

2015.5.6

Overview :

1. All-in-One Firmware version updated to: v1.2.1.03
2. DJI Pilot app iOS version updated to: v1.1.1
3. DJI Pilot app Android version updated to: v1.1.0

Major Updates :

1. Reduced moire pattern in camera images.
2. Added support for YouTube live streaming.
3. Added support for the DJI Pilot app's Director function.
4. Reduced power consumption of the Intelligent Flight Battery when it is powered off to protect the battery.
5. Solved issue of the remote controller occasionally powering off automatically when using firmware v1.2.1.0.

INSPIRE 1 Release Notes

2015.4.14

Overview :

1. All-in-One Firmware version updated to: v1.2.1.0
2. DJI Pilot app iOS version updated to: v1.0.3

Major Updates :

1. Reduced likelihood that the aircraft will automatically switch to P-ATTI mode when encountering interference or other errors during flight.
2. Solved issue of sudden gimbal drift during flight.
3. Enabled aircraft to initialize and takeoff from a moving surface.
4. Added intelligent landing gear feature: landing gear will automatically raise when the aircraft reaches an altitude of 1.2m for the first time, and automatically lower every time it descends to 0.8m. Users can turn this feature ON/OFF in the Pilot app.
5. Updated No-Fly zones, please refer to <http://flysafe.dji.com/no-fly/> for the updated zones.
6. Optimized Return to Home. Now allows the pilot to interrupt the aircraft when ascending by moving the throttle stick up/down if it is at an altitude of 20 meters or more.
7. Added a reminder to the Pilot app that will alert the user to perform a full Intelligent Flight Battery charge/discharge cycle when required.
8. Added a reminder to the Pilot app reminding the user to fully charge the Intelligent Flight Battery before the first flight.
9. Altitude limited to 120 meters when in non-GPS mode.
10. Optimized the OSD display for HDMI devices.
11. Pilot app updated to show the complete firmware version instead of individual component versions.
12. When changing the Home Point to the RC 's location, added an alert to the Pilot app to tell the user the distance between the new Home Point and the previous one.
13. Added more descriptions to explain why the aircraft enters P-ATTI/ATTI mode in the app.
14. Added more details to the Pilot app on the aircraft status when in Return to Home mode.
15. Gimbal will stop moving if it detects that the camera 's USB port is connected to another device.
16. Optimized gimbal calibration feature.
17. Optimized Vision Positioning System stability.

Notices:

- After updating to this firmware version, compass calibration is required.
- Aircraft 's motors are locked after the firmware updates is completed. Launch the DJI Pilot app to unlock the motors after firm update is completed.
- Contact DJI support if you have problems after updating the firmware.

INSPIRE 1 Release Notes

2015.2.27

Overview :

1. All-in-One Firmware version updated to: v1.2.0.17
2. DJI Pilot app Android version updated to: v1.0.7
3. DJI Pilot app iOS version updated to: v1.0.2

Major Updates :

1. Video downlink performance has been enhanced to provide a more stable video transmission signal.
2. OSD information display on HDMI devices has been optimized.
3. Connection performance between the Master and Slave remote controllers has been enhanced.

Notices:

- The firmware update may take several minutes to complete, please be patient during the update process. Do not rely update progress bar from the DJI Pilot app as the remote controller may disconnect from the aircraft during the update. Only confirm the results of the update by listening to the sounds emitted from the gimbal. It is normal for the aircraft to emit sound or for the LED indicators to blink during the update.
- Re-link the remote controller to the aircraft if the connection is lost after the firmware update.

INSPIRE 1 Release Notes

2015.1.15

Overview :

1. All-in-One Firmware version updated to: v1.2.0.16
2. DJI Pilot app Android version updated to: v1.0.5

Major Updates :

1. Enhanced self-check when the aircraft is powered on.
2. Optimized IMU calibration process.
3. Raised the electro-magnetic interference standard for compass calibration.
4. Optimized aircraft yawing motions.
5. Auto-takeoff altitude set to 1.2 meters (3.9 feet).
6. Aircraft automatically descends and lands if RTH is triggered when the aircraft flies within a 20 meter (65 foot) radius of the Home Point.

Notices:

- Update the firmware to the latest version, otherwise you may not be able to start the motors. If you are unable to takeoff after updating, perform an Advanced IMU Calibration. This is found in the DJI Pilot app under MC Settings -> Advanced Settings -> Sensors -> Calibrate -> Advanced.
- Re-link the remote controller to the aircraft if the connection is lost after the firmware update.
- After the update, the aircraft must be powered on and perform a self-check procedure on a flat, stable surface. Do not perform the self-check on moving surfaces (such as in moving vehicles).
- The Inspire 1's propellers may come off during flight if they have not been adequately tightened and environmental factors (including sand, heavy dust, or high winds) cause the motors to stop or slow down suddenly.

To prevent this, DJI is offering free Propeller Locks to all current Inspire 1 customers. If you ordered your Inspire 1 from the DJI Online Store, the Propeller Locks will automatically be shipped to you. If you purchased your Inspire 1 at an authorized DJI dealer, they can be collected from the dealer. These Propeller Locks will be available next week, and DJI recommends that you do not fly your Inspire 1 before receiving and attaching the Propeller Locks. Future customers can get Propeller Locks from the DJI Online Store or at a local authorized dealer.

INSPIRE 1 Release Notes

2015.1.5

Overview :

1. All-in-One Firmware Version updated to: v1.2.0.14
2. DJI Pilot app Android Version updated to: v1.0.1

Major Updates :

1. Display height and distance limits in the DJI Pilot app. IMU program updated.
2. Added button in DJI Pilot app to enable or disable the Flight Mode Switch on the remote controller. The Flight Mode Switch is disabled by default. Enable the Flight Mode Switch to switch from P mode to A or F mode.
3. The compass will turn off automatically when abnormal compass readings are detected. The aircraft will enter A mode when the compass is off.

Notice :

- Update the firmware to the latest version, otherwise you may not be able to start the motors.
- Re-link the remote controller to the aircraft if the connection is lost after the firmware upgrade.
- Upgrade the DJI Pilot app to the latest version in order to use the latest firmware.