

How to Update Firmware

Follow the steps below to upgrade your Inspire 1's firmware, including the firmware for the remote controller and battery.

Updating the Aircraft Firmware

Step 1- Check Battery and SD Card Capacity

Ensure the Intelligent Flight Battery and Remote Controller have at least 50% power and there is at least 100MB of free space on the SD card.

Step 2- Prepare the Firmware Update Package

1. Download the firmware update package from the official DJI website (<http://www.dji.com/product/inspire-1>).
2. Insert the SD into your PC. Extract the all downloaded files into the root directory of the SD card. Remove the SD card from your PC and insert it into the SD card slot on the Inspire 1 camera.

Step 3- Update the Aircraft

1. Connect your mobile device to the remote controller, power on the remote controller, and launch the DJI Pilot app to obtain information about firmware update progress. Confirm you wish to update within the app to continue. Note the upgrade will begin automatically after power cycling the aircraft if the DJI Pilot app is not launched.
2. It will take approximately 25 minutes to complete the firmware update. During the upgrade process, DJI Pilot app will display update progress and gimbal will sound a fast beeping sound(D-D-D-D). A message windows of "Upgrade Completed, Aircraft will restart in 5 seconds" will prompt in DJI Pilot app and gimbal will sound a slow beeping sound (D--DD) to indicate the update is complete, aircraft will then restart automally. Note that user will need to manually power cycle the aircraft if DJI Pilot app is not launched prior to the upgrade.
3. Try update again if gimbal sounds a long beeping sound.

Updating the Remote Controller Firmware

Step 1- Check Battery

The remote controller firmware is included in the aircraft firmware update package. Use the same update file that is downloaded from the official DJI website. Ensure the remote controller's remaining battery level is at least 50%.

Step 2- Prepare the Firmware Update Package


1. Extract all downloaded files into the root directory of an SD card or USB stick.
2. With the remote controller powered off, insert the SD card into a SD card reader and plug the reader into the USB port on the remote. Or if using a USB stick, plug it directly into the remote's USB port. If you do not have a SD card reader or USB sick, you may insert the SD card into the gimbal and connect the gimbal to the remote controller with a USB cable.

Step 3- Update the Remote Controller

1. Power on the remote controller and wait 20 seconds until the upgrade begins. Do not power off the remote controller during the update.
2. It will take approximately 10 minutes to complete the firmware update. The Inspire 1's camera will emit a beeping sound and the Status LED on the remote controller will show a solid blue light to indicate the update is in progress. The Status LED on the remote controller will show a solid green light and the beeping sound will stop when the upgrade is complete. The Status LED on the remote controller will show a solid red light if the upgrade fails. In this case, try the update again.

Updating Intelligent Flight Battery Firmware

The Intelligent Flight Battery's firmware is updated during the aircraft firmware update process. Simply keep the update package files on your SD card and update the Intelligent Flight Battery firmware if prompted in the DJI Pilot app. The update will start automatically if the aircraft is not connected to the DJI Pilot app after power cycling the aircraft.

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-  • Be sure to update the remote controller's firmware to the latest version after you upgrade the aircraft's firmware.
- The remote controller may become unlinked from the aircraft after updating. Re-link the remote controller and aircraft.
 - Confirm the update results according to the gimbal sounds. It is normal for the aircraft to sound or the LED to blink during the update process. The on-screen rate of progress is for reference only.
 - Ensure there is only one firmware package file stored on your SD card.
 - Only storage devices that are formatted for FAT32 and exFAT file systems are supported for aircraft and remote controller firmware updates.
 - Delete any automatically generated txt files (xxx_GS.TXT) in the SD card when updating multiple remote controllers.
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