



User Manual

Compliance Information

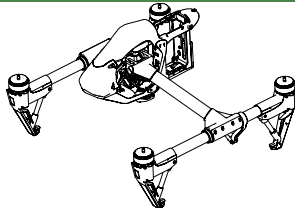
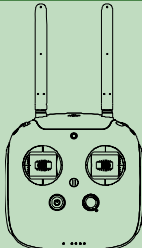
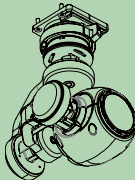
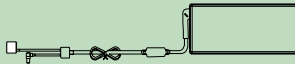
KCC Warning Message

“해당무선설비는 운용 중 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.”

“해당 무선설비는 운용 중 전파혼신 가능성이 있음”

In the Box

Check that all of the following items have been included in your package before use. If anything is missing, please contact your local dealer.

Index	Name	Picture	Qty.
1	DJI Inspire 1		1
2	Propeller		4
3	C1		1
4	Camera with gimbal		1
5	Smart Battery		1
6	Battery Charger		1

Introduction

DJI Inspire 1 package includes aircraft, C1, gimbal, camera and DJI App. Flight control system is inside the aircraft, the built-in camera has been integrated with gimbal. C1 and DJI App are used to control the aircraft, gimbal and camera. The HD video downlink and receiver have been integrated in the aircraft, which is used for HD video transmitter and control the aircraft.

Features:

-Equipped with retractable landing gear, and unobstructed 360 degree view from the camera is made possible by simply moving the landing gear out of sight. The maximum flight height of DJI Inspire 1 is **, the maximum distance is **. DJI Inspire 1 has a battery capacity of 6S, 4500mAh. When the battery is fully charged, it has a maximum run time of **.

- The camera is using a 21mm bug-eye lens, which has low optical distortion and high resolution. Video output can be achieved at HD 4Kp30@60Mbps and it supports many kinds of filters. A high performance gimbal enables to obtain stable images even when the aircraft is flying in high speed.

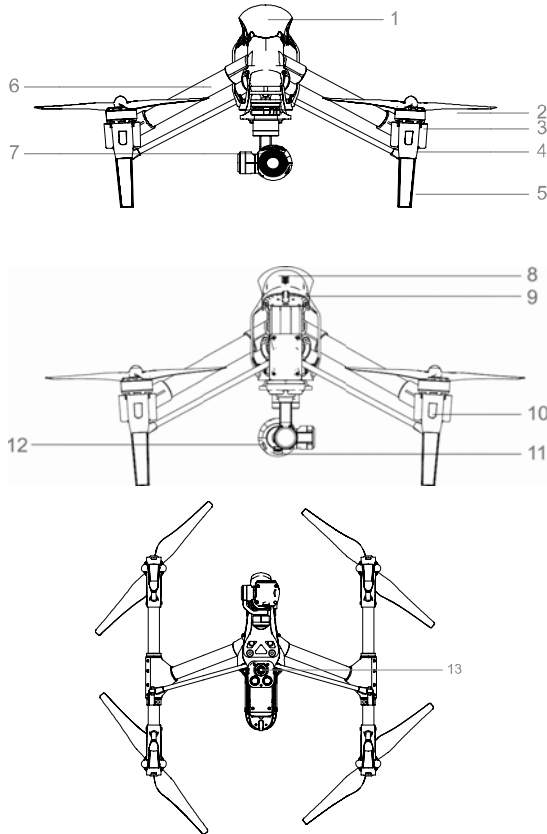
- Integrated the advanced flight controller of DJI, the DJI Inspire 1 has stable performance during flight. It can automatically fly back when the C1 signal was missed. The hover assistant enables the DJI Inspire 1 to hover stable without GPS.

- The HD video downlink has been integrated inside the aircraft, which is used with DJI App to display real time HD aerial image, aircraft data and camera data on the mobile device. In addition, it provides ground station function which allows users to plan the flight mission and enables aircraft to flight automatically.

Flight safety

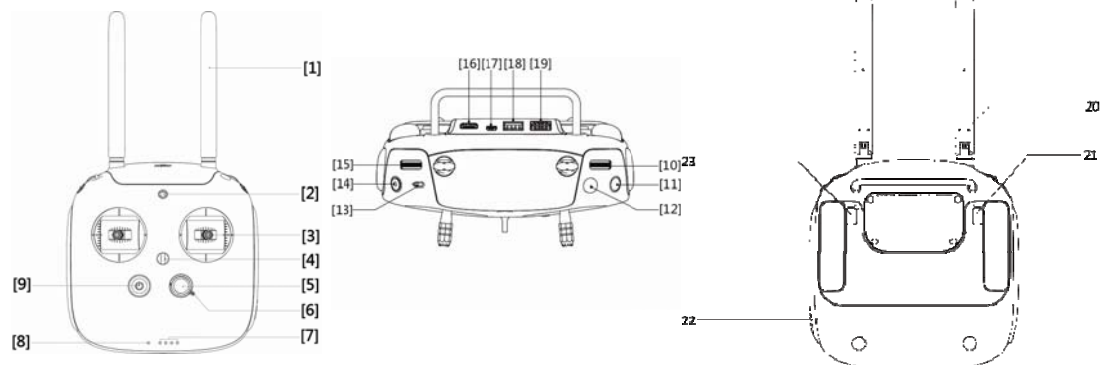
In GPS mode, the aircraft can be positioned accurately and hover stably, and the return home function is available. (Orientation of aircraft is under control but it could not avoid obstructions automatically). Hover assistant makes aircraft hover stable without GPS (hover assistant can work properly below height of 5m, and the floor surface has pattern variations in good light conditions).

Aircraft



- | | |
|------|---------------------------|
| [1] | Built-in GPS |
| [2] | Propeller |
| [3] | Motor |
| [4] | Front LED |
| [5] | Landing gear |
| [6] | Frame arm |
| [7] | Gimbal |
| [8] | DJI Smart Battery |
| [9] | Micro-USB Port |
| [10] | Rear LED |
| [11] | Camera Micro-USB Port |
| [12] | Camera Micro-SD Card Port |
| [13] | Port |
| [14] | Hover assistant camera |

GL658A



- | | |
|------|-----------------------|
| [1] | Antenna |
| [2] | Mounting Position |
| [3] | Stick |
| [4] | Neck Strap Attachment |
| [5] | RTH Button |
| [6] | Transformation Switch |
| [7] | Battery Level LEDs |
| [8] | Status LED |
| [9] | Power Button |
| [10] | Camera Settings Dial |
| [11] | Playback Button |

- [12] Shutter Button
- [13] Flight Mode Switch
- [14] Video Recording Button
- [15] Gimbal Dial
- [16] HDMI Port
- [17] Upgrade Port
- [18] CAN Port
- [19] USB Port
- [20] Handle Bar
- [21] Reserved Button
- [22] Power Source Port
- [23] Reserved Button

Start

1. Watch the tutorial video

Scan the QR code or click the link shown below to watch the tutorial video.



Tutorial video

<http://www.dji.com/Inspire1/training>

2. Download DJI App

Search "DJI" on the App Store then follow instructions for iOS version.

Search "DJI" on Google Play then follow instructions for Android version.

Register your e-mail address when using the app for the very first time.



App Store



Google Play

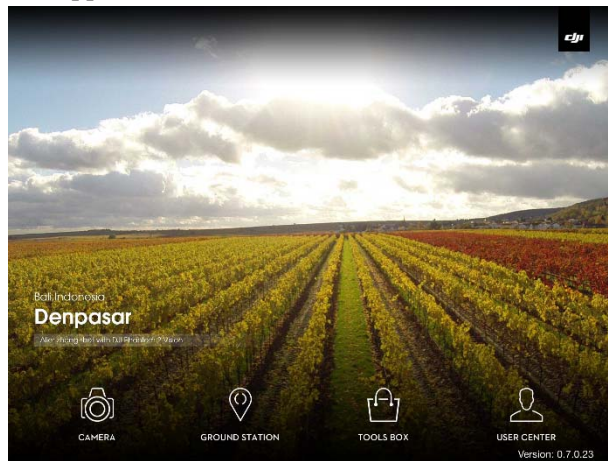
3. Ensure the smart battery\C1 and the mobile device are fully charged. Please charge the device if it has low battery level.

Important: Please watch the tutorial and read the quick start guide fully before using your DJI Inspire 1.

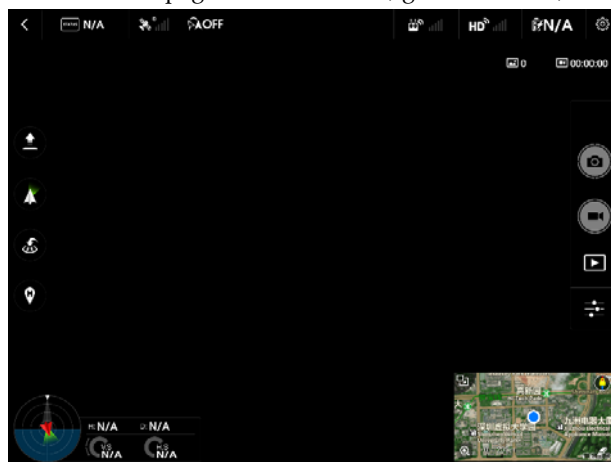
* For the best experience, install and use the DJI App on tablet.

** See Appendix for checking battery levels. Refer to user manual for charging.

DJI App

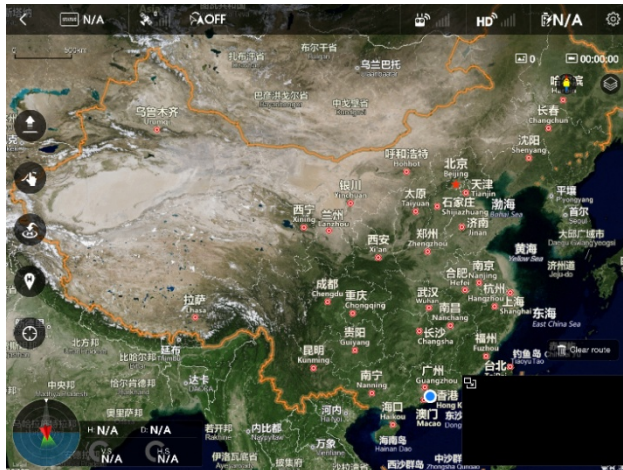


There are four page of GUI: Camera, ground station, tool box and user center.

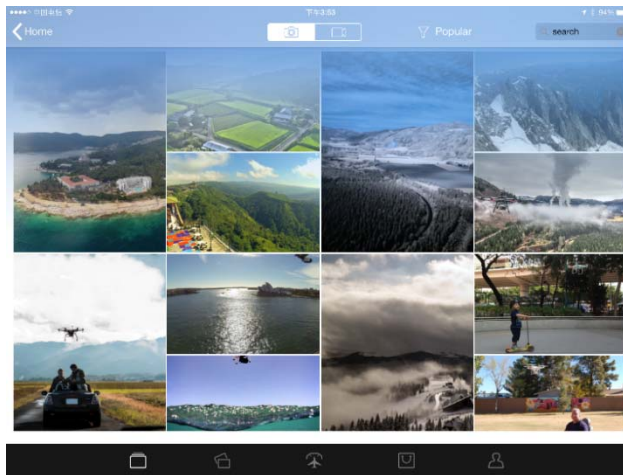


- [1] Present flight mode
- [2] GPS signal status
- [3] Aircraft status
- [4] RC settings
- [5] HD video downlink settings
- [6] Smart battery information
- [7] General settings
- [8] Photo format
- [9] Video format/Recording time
- [10] Shutter/Record switch
- [11] Shutter/Record
- [12] Play back
- [13] Camera settings
- [14] Ground station
- [15] Aircraft orientation/Height/Distance
- [16] Home point settings
- [17] Return home
- [18] Gimbal mode
- [19] Take off

Camera GUI: For display the real time HD images and aircraft data, enable shutter and video recording.



Ground Station: For display the map for setting flight mission.

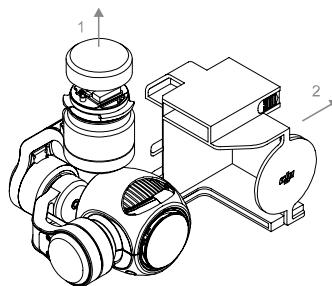


User Center: photograph and video synchronization, flight record, DJI Shop and account information.

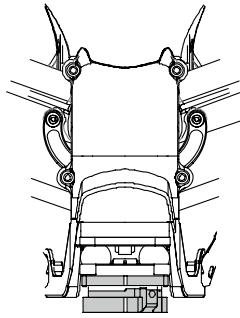
Preparing DJI Inspire 1

1. Mounting the Gimbal

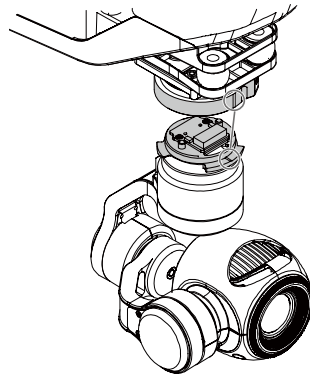
Step 1 : Remove the Gimbal Cover and the Gimbal Clamp from the gimbal.



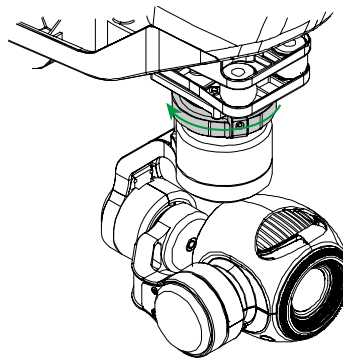
Step 2 : Turn the Gimbal Lock to the right (when you are facing the nose of the DJI Inspire 1) until it locks in place and you hear a clicking sound. Refer to the picture below for details:



Step 3: Insert the gimbal into the Gimbal Lock. Ensure the white mark on the gimbal is aligned with the white mark on the left of the Gimbal Lock. Refer to the picture below for details:

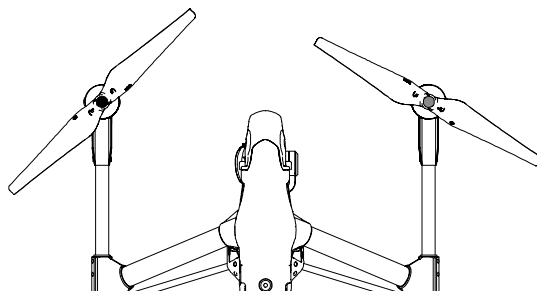


Step 4: With the gimbal in place, turn the Gimbal Lock to the left (when you are facing the nose of the DJI Inspire 1) until it locks in the position shown in the below. Now the gimbal is secured:



2. Attaching the Propellers

Screw the propellers, clockwise for grey nuts and anti-clockwise for black nuts, onto the four motors. Be sure to match the black propeller nuts with the black dot motors.



Important : Make sure your smart flight battery and Micro-SD card are inserted correctly.

3. Description of Aircraft Port

(See the location on P)

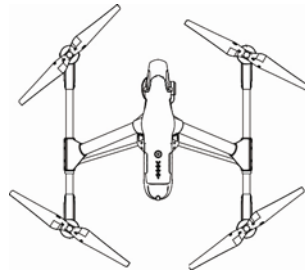
Micro-USB Port: For connecting aircraft and PC Assistant to upgrade firmware.

Camera Micro- USB Port: For connecting aircraft and PC to output the data to PC.

Camera Micro-SD Card Port: For placing the SD card.

4. Powering On Smart Flight Battery

Press the circular power button once, then press again and hold for 2 seconds to power on the smart flight battery. (Repeat the above steps to power off the smart battery.)



* Press circular power button once to check battery level.

Preparing C1

1. Switch the flight mode switch to GPS mode, ensure the transformation switch is on the lower position.

The return home function would be unavailable when fly in non-GPS mode, and the aircraft only can maintain attitude and would be drift ; The camera may be damaged if the transformation switch was not on the lower position before flight.

2. Description of C1 button and port

Shutter Button : Press to take a photo. If burst mode is activated, multiple photos will be taken with a single press.



Camera Settings Dial: Turn the dial to quickly adjust camera settings such as ISO, shutter speed, and aperture without letting go of the C1. Move the dial button to left or right to select your preferred settings.



Playback Button: Press to view the images or videos that have already been captured.



Recording Button: Press once to start recording video, then press again to stop recording.



Flight Mode Switch: Toggle the switch to select the desired flight mode. You may choose between; GPS mode, OPTI mode and ATTI mode.



Position 1 : GPS mode Position 2 : OPTI mode Position 3 : ATTI mode



Position 1



Position 2



Position 3

Transformation Switch: This switch has two positions. The effect of toggling the switch to any of these four positions is defined below:

1) Raise, 2) Lower.



1) Raise: Raise the landing gear to its upper most position.