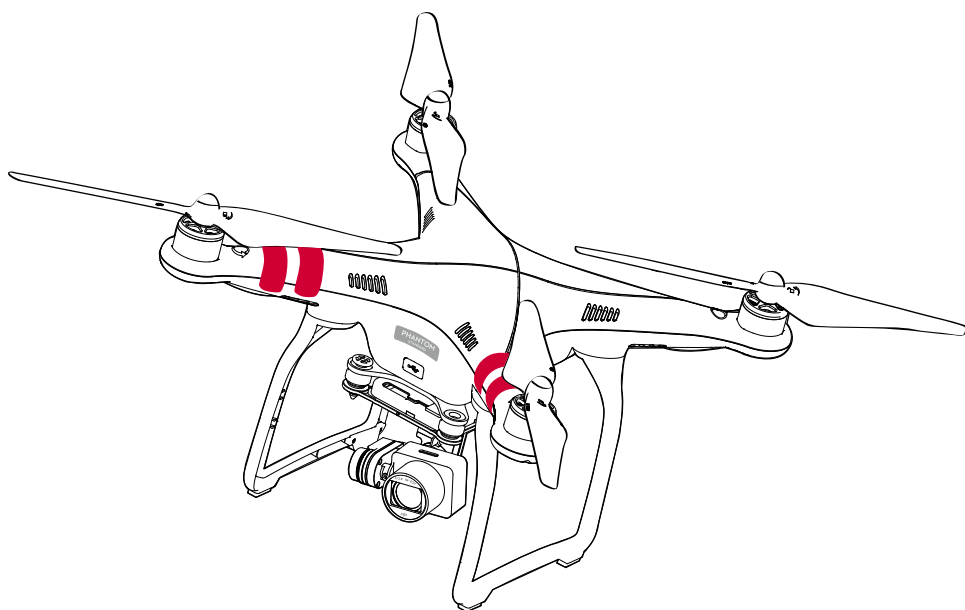# PHANTOM 3

STANDARD

Quick Start Guide

V1.0

dji

Using PHANTOM 3 Standard

1. Download the DJI GO App

Search 'DJI GO' on the App Store or Google Play and download the app to your mobile device.

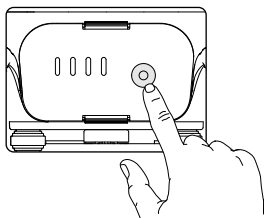DJI GO App

2. Watch the Tutorial Videos

Watch the tutorial videos at www.dji.com or in the DJI GO app.

Tutorial Videos

⚠ • The DJI GO app supports iOS 8.0 and Android 4.1.2, or later versions.

3. Check the Battery Levels
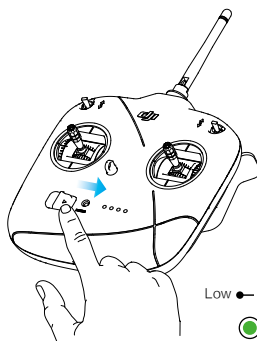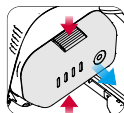
Low ●— Battery Level ➜ High

Low ●— Battery Level ➜ High

Press once to check the battery level.
Press twice and hold to turn on/off.

4. Charge the Batteries

Remove the battery.

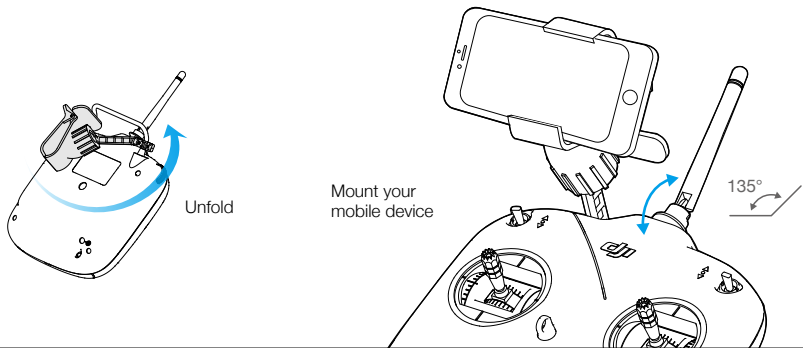Power Outlet
100 –240V
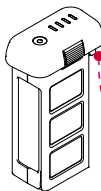
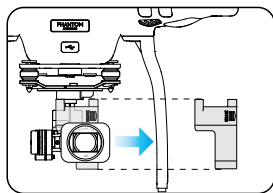Provided Charger
Charge Time: ~1.5 hours
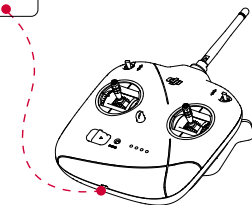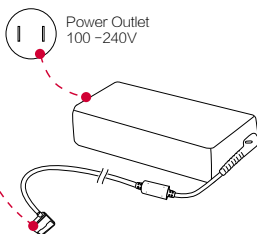
USB Adapter
Charge Time: ~2.5 hours
(when charging at 1.5A)

⚠ • When charging is complete, the battery will automatically power off and the Status LED will change from red to green.

5. Prepare the Remote Controller

Unfold

Mount your mobile device

135°

6. Prepare for Takeoff

Remove the gimbal clamp on the camera.
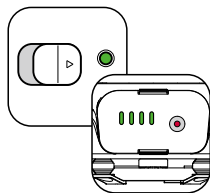
Power on the remote controller and the aircraft.

✓ PHANTOM3_XXX

On your mobile device, select 'PHANTOM3_XXX' from the Wi-Fi networks and enter the default password '12341234'.

Activate your Phantom if you are using it for the first time. This requires an internet connection.

Internet

DJI GO App

Launch the app and tap Enter Camera View, then follow the on-screen instructions.

Tap the Aircraft Status Bar at the top of the screen and choose Calibrate. Follow the instructions to calibrate the aircraft's compass.
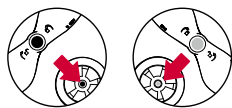
Black propeller nuts go on motors with black dots.

Silver propeller nuts go on motors without black dots.

⚠ • Tighten the propellers with both hands before each flight.

7. Flight

Safe to Fly (GPS)

Before taking off, ensure the Aircraft Status Bar in the DJI GO app indicates 'Safe to Fly (GPS)'.

In the DJI GO App:

Auto Takeoff
The aircraft will take off and hover at an altitude of 4 feet (1.2 meters).

Auto Landing
The aircraft will land vertically and stop its motors.

Return-To-Home
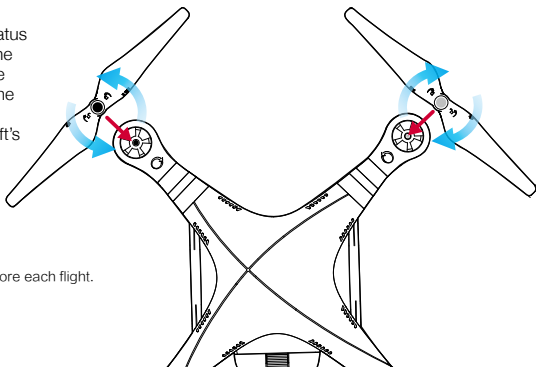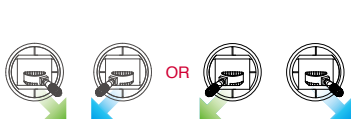Brings the aircraft back to the Home Point. Tap again to stop the procedure.

⚠ • The aircraft will not avoid obstacles while it is returning to the Home Point, and an appropriate RTH altitude MUST be set before flight. You should also use the control sticks to guide the aircraft. Refer to the Safety Guidelines and Disclaimer for more details.

Manual Takeoff

OR

Combination Stick Command to start/stop the motors
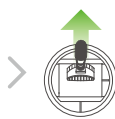
Left stick up (slowly) to take off

Manual Landing

Left stick down (slowly) until you touch the ground

Hold a few seconds to stop the motors

⚠ • Never stop the motors mid-flight, otherwise the aircraft will crash. Only stop the motors when the aircraft is on the ground or as required in emergency situations to reduce the risk of damage or injury.

8. Fly Safe

DJI encourages you to enjoy flying in a safe, responsible and smart way.
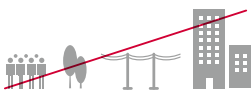
DO NOT FLY near or above people, near trees, power lines or buildings.

DO NOT FLY in rain, snow, fog, and wind speeds exceeding 22 mph or 10 m/s.

Always fly under **400 ft**

DO MONITOR YOUR ALTITUDE
and fly under 400 feet (120 meters).

DO MAINTAIN LINE OF SIGHT
and avoid flying behind buildings or obstacles that block your view.

It is important to understand basic flight guidelines, for the safety of both you and those around you. Refer to the Safety Guidelines and Disclaimer for more information.

No Fly Zones

More information at:
http://flysafe.dji.com/no-fly

Specifications

- **Aircraft**

Weight (Including Battery)	1216 g
Max. Ascent Speed	5 m/s
Max. Descent Speed	3 m/s
Max. Speed	16 m/s (ATTI mode, no wind)
Max. Flight Altitude	6000 m
Max. Flight Time	Approximately 25 minutes
Operating Temperature Range	0 °C to 40 °C
GPS	Satellite navigation system

- **Gimbal**

Controllable Range	Pitch: – 90° to +30°
Angular Vibration Range	±0.02°

- **Camera**

Sensor	1/2.3" Effective pixels:12 M
Lens	FOV (Field Of View) 94° 20 mm (35 mm format equivalent) f/2.8
ISO Range	100-3200 (video) 100-1600 (photo)
Electronic Shutter Speed	8 s – 1/8000 s
Image Max. Size	4000 x 3000
Still Photography Modes	Single shot
	Burst shooting: 3/5/7 frames
	Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7 EV Bias
	Time-lapse
Video Recording Modes	UHD: 2.7Kp30 (2704 x1520)
	FHD: 1920x1080p 24/25/30/48
	HD: 1280x720p 24/25/30/48/50/60
Max. Bitrate of Video Storage	40 Mbps
Supported File Formats	FAT32/exFAT Photo: JPEG, DNG Video: MP4/MOV (MPEG–4 AVC/H.264)
Supported SD Card Types	Micro SD, Max. capacity: 64GB. Class 6 or higher
Operating Temperature Range	0 °C to 40 °C

- **Wi-Fi Video Link**

Operating Frequency	2.400 GHz – 2.483 GHz
Max. Transmission Distance	FCC: 1000 m; CE: 500 m (outdoors and unobstructed, aircraft's altitude at 400 feet (120 m))
Transmitter Power (EIRP)	FCC: 27 dBm; CE: 20 dBm

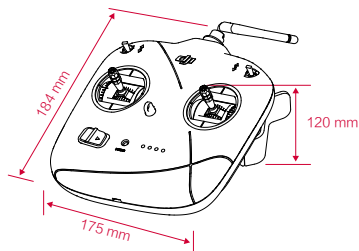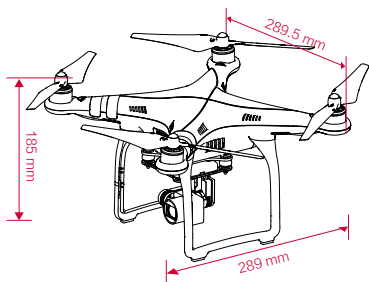- **Remote Controller**

Operating Frequency	5.725 GHz – 5.825 GHz, 922.7 MHz – 927.7 MHz (Japan)
Max. Transmission Distance	FCC: 1000 m; CE: 500 m (outdoors and unobstructed, aircraft's altitude at 400 feet (120 m))
Operating Temperature Range	0 °C to 40 °C
Battery	2600 mAh LiPo 18650
Transmitter Power (EIRP)	FCC: 19 dBm; CE: 14 dBm
Working Voltage	600 mA @ 3.7V
Charging Port	Micro USB

- **Charger**

Voltage	17.4 V
Rated Power	57 W

- **Intelligent Flight Battery（PH3-4480 mAh-15.2 V）**

Capacity	4480 mAh
Voltage	15.2 V
Battery Type	LiPo 4S
Energy	68 Wh
Net Weight	365 g
Operating Temperature	-10 °C to 40 °C
Max. Charging Power	100 W

289.5 mm
185 mm
289 mm

184 mm
120 mm
175 mm

CE 1313 RoHS

Download the user manual for more information:

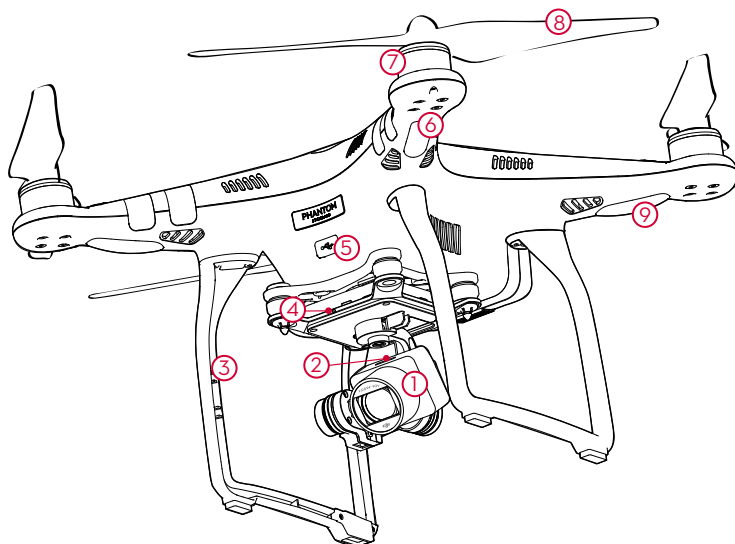**http://www.dji.com/product/phantom-3-standard**

※ This Quick Start Guide is subject to change without prior notice.

Phantom 3 Standard

Let's get to know your Phantom!

The Phantom 3 Standard captures up to 2.7K Ultra HD video at 30fps and 12MP photos.

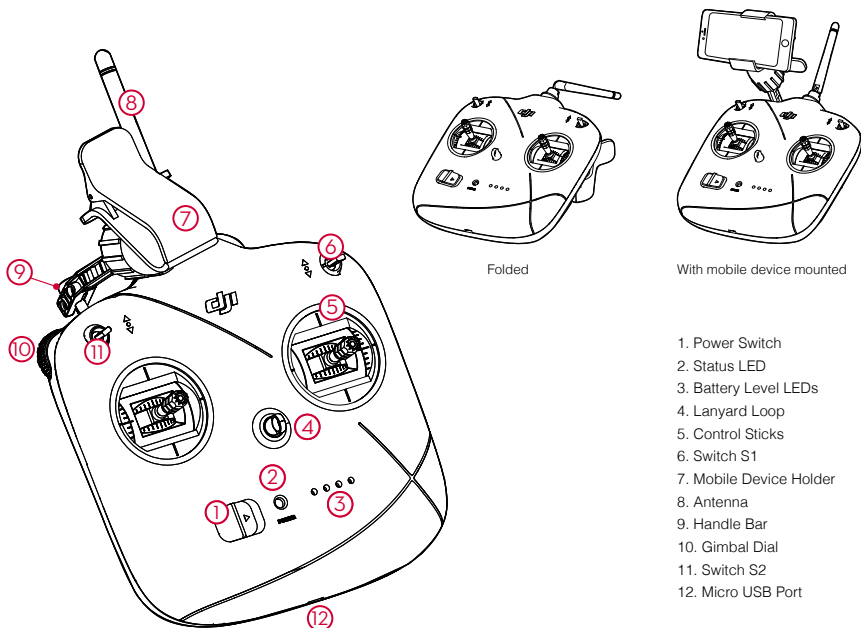The diagram below is an overview of features:

1. Gimbal and Camera
2. Micro SD Card Slot
3. Antennas
4.Camera Status Indicator
5. Aircraft Micro USB Port
6. Front LEDs
7. Motors

8. Propellers
9. Aircraft Status Indicators
10. Camera Micro USB Port
11. Intelligent Flight Battery
12. Power Button
13. Battery Level Indicators
14. Link Button
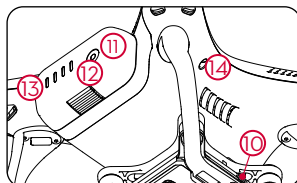
Remote Controller

The remote controller allows a flying range of 3,280 feet (1000m) in FCC compliant mode and 1,640 feet (500m) in CE compliant mode*.

Built into the remote controller is a rechargeable lithium battery which lasts for up to three hours. The remote controller supports a Wi-Fi connection which, when paired with a compatible mobile device, enables live HD video transmission through the DJI GO app.

Folded

With mobile device mounted

1. Power Switch
2. Status LED
3. Battery Level LEDs
4. Lanyard Loop
5. Control Sticks
6. Switch S1
7. Mobile Device Holder
8. Antenna
9. Handle Bar
10. Gimbal Dial
11. Switch S2
12. Micro USB Port

Here are the default flight controls (Mode 2). The left stick controls the aircraft's altitude and heading, while the right stick controls its forward, backward, left and right movements. The gimbal dial controls the camera's tilt.

Left Stick

UP

Down

Turn Left

Turn Right

Right Stick

Forwards

Backwards

Left

Right

Gimbal Dial
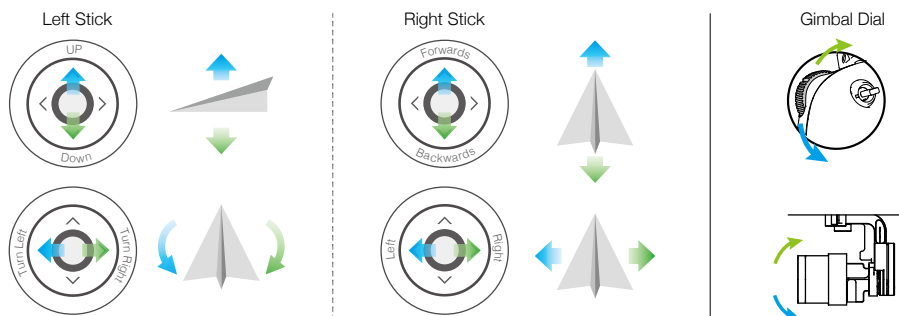
* In a wide open area with minimal magnetic interference, and at an altitude of about 400 feet (120 meters), the remote controller is able to reach its maximum transmission distance – FCC compliant mode at 3280 feet (1000 meters) and CE compliant mode at 1640 feet (500 meters).

PHANTOM 3

STANDARD