PHANTOM 2 VISION+

Quick Start Guide

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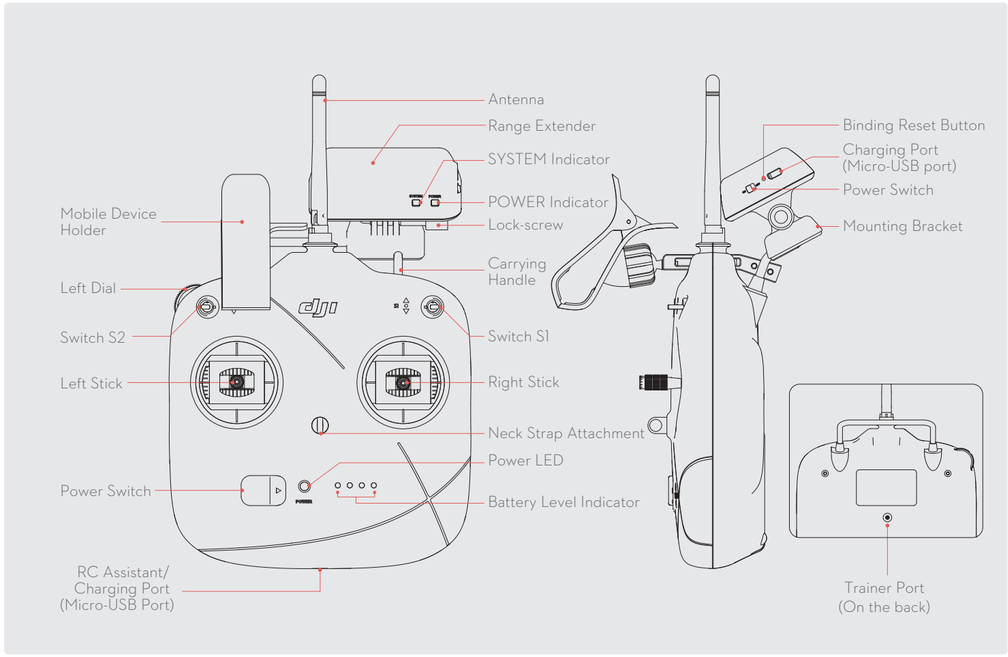
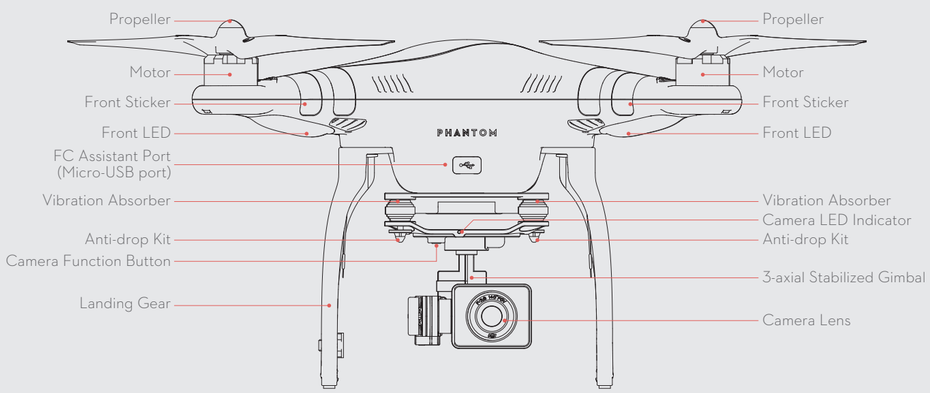
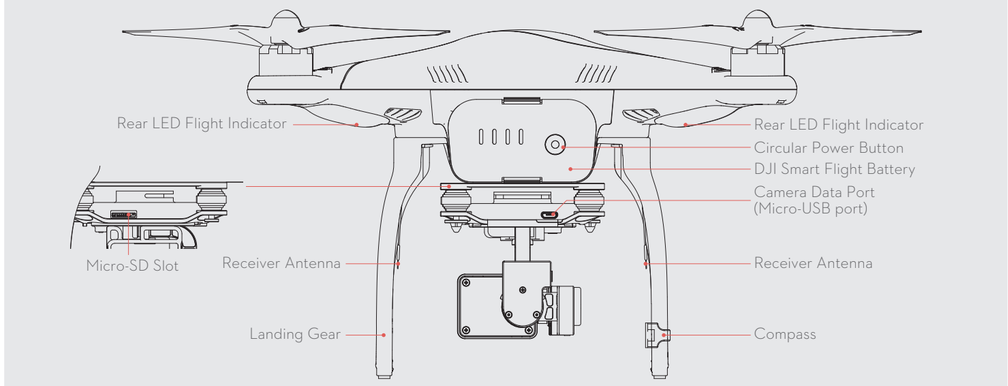






PHANTOM 2 VISION+

Quick Start Guide

1 Start

- View tutorials:
  http://www.dji.com/phantom2visionplus/training
- Search **DJI VISION*** in the App Store or Google Play. Download, then launch and register for a DJI account.

Tutorials

Available on the iPhone App Store — iOS 6.1~

Get it on Google play — Android 4.0~

- Ensure the Smart Flight Battery, Range Extender and Remote Control are fully charged.**

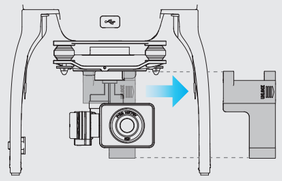
Important: For SAFETY reasons please watch tutorials, read the disclaimer and manuals thoroughly before using this product.

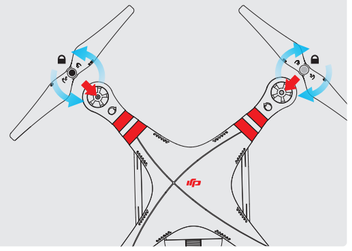
* DJI VISION App supports the Phantom 2 Vision and the Phantom 2 Vision+. It is compatible with iOS and Android devices.

** See step 3 4 5 for checking battery levels. Refer to user manual for charging.

2 Preparing Phantom 2 Vision +

- Remove the gimbal clamp, the lens cap and the four warning cards from motors.
- 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.
- Make sure your Smart Flight Battery and Micro-SD card are inserted correctly.

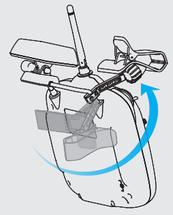


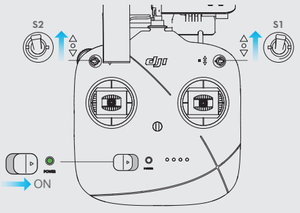


Important: Remove gimbal clamp before powering on.

3 Preparing Remote Control

- Twist the Mobile Device Holder to face outwards and fix in position.
- Be sure S1 and S2 are switched to the upper most position. Push the Power Switch to the right to power on the Remote Control. The LED will go green if the Remote Control is functioning. The Battery Level Indicators display the current battery level.

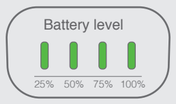


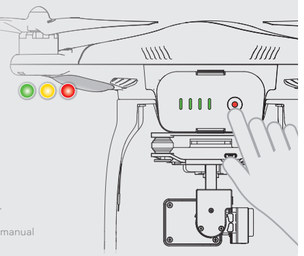


Important: A red blinking and a continuous beeping from the Remote Control indicate LOW BATTERY VOLTAGE. Recharge the Battery when there is only one LED remains blinking.

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.
- Rear LED Flight Indicators light up to indicate flight status:
  - Slow green flashing: Ready to fly (GPS).
  - Slow yellow flashing: Ready to fly (Non-GPS).
  - Fast yellow flashing: Remote controll signal lost.
  - Fast red flashing: Smart Flight Battery level warning.

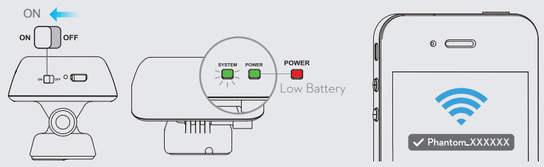




Important:
1. Press circular power button once to check battery level.
2. Front LEDs light up until motors start up.
3. Refer to the LED Flight Indicator card attached or user manual for more details.

5 Powering on Range Extender/Linking Camera

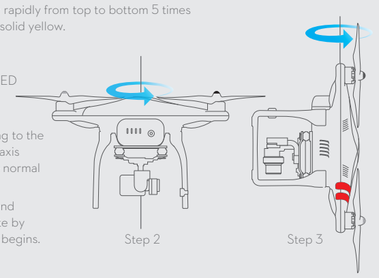
- Toggle power switch to ON position. SYSTEM Indicator will blink green to show normal operation.
- Enable Wi-Fi on your mobile device then select Phantom_XXXXXX from Wi-Fi network list.
- Tap **CAMERA** icon in the DJI VISION App for a live camera view to ensure the camera is linked, then clip your mobile device into the Mobile Device Holder.



Important:
1. If the POWER indicator is red, this means battery level is low. Charge your Range Extender by Micro-USB cable.
2. Only if both Range Extender and Smart Flight Battery are powered on, you will be able to link the camera.

6 Calibrating Compass

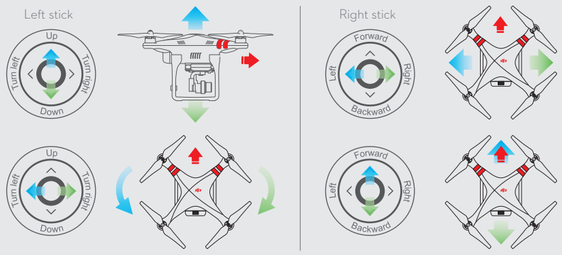
- Always calibrate compass before your flight.
- Step1 :
  To enter calibration mode, flip S1 switch rapidly from top to bottom 5 times or until Rear LED Flight Indicators turn solid yellow.
- Step 2:
  Hold Phantom horizontally then rotate 360°around the center axis until Rear LED Flight Indicators go green.
- Step3:
  Hold aircraft vertically with nose pointing to the ground, rotate 360° around the center axis until Rear LED Flight Indicators resume normal blinking patterns.
- If Rear LED Flight Indicators blink red and yellow, calibration has failed. Re-calibrate by repeating Step 1-3 until normal blinking begins.



7 Remote Control Settings

Nose pointing direction

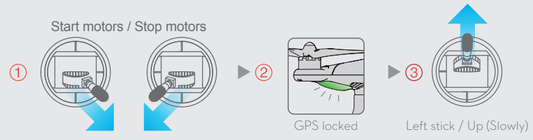
- The Remote Control is by default set to Mode 2 (left hand controls throttle).



Important: You can use PHANTOM RC Assistant to switch it to Mode1 (right hand controls throttle).

8 Taking off (Outdoors)

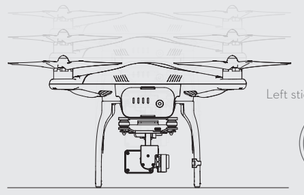
- Place the Phantom 2 Vision+ on flat ground in an open space with Rear LED Flight Indicators facing you.
- Power on the Remote Control, the Range Extender and the Smart Flight Battery mounted in Phantom 2 Vision+. Make sure that the DJI VISION App is working properly.
- Start motors by pulling both control sticks to the bottom corners. Release sticks once motors start.
- Wait until Rear LED Flight Indicators go from a slow yellow blinking to a slow green, indicating GPS locked.
- Slowly push the left (throttle) stick up to take off.

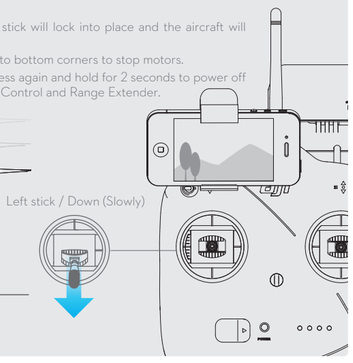


Important:
1. Beginner flyers are recommended to only fly when the slow green flashes.
2. Rear LED Flight Indicators will go from slow yellow flashing to slow green flashing if more than 6 GPS satellites have been found.
3. Never stop the motors during flight.

9 Landing (Outdoors)

- Pull down the throttle stick to descend. The stick will lock into place and the aircraft will descend steadily.
- When landing on the ground, pull both sticks to bottom corners to stop motors.
- Press the circular power button once, then press again and hold for 2 seconds to power off the Smart Flight Battery. Turn off the Remote Control and Range Extender.





Important:
1. Land only on flat ground in open spaces.
2. Stop motors immediately after landing.