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.

The remote controller allows you to control your Phantom 3 SE at distances up to 2.5 mi (4 km)*. Built into the remote controller is a rechargeable LiPo battery and Wi-Fi video downlink, which when paired with a compatible mobile device gives you a live HD view from the Phantom’s camera.
Phantom 3 SE

The PHANTOM™ 3 SE's camera records video at up to 4K and captures 12 megapixel photos.

Review the diagram to learn the names and locations of various Phantom 3 SE components:

1. Gimbal and Camera
2. Vision Positioning System
3. Camera Micro SD Card Slot
4. Aircraft Micro USB Port
5. Camera Status Indicator
6. Front LEDs
7. Motors
8. Propellers
9. Aircraft Status Indicators
10. Antennas
11. Intelligent Flight Battery
12. Power Button
13. Battery Level Indicators
14. Link Button
15. Camera Micro USB Port
Remote Controller

The remote controller allows you to control your Phantom 3 SE at distances up to 2.5 mi (4 km)*. Built into the remote controller is a rechargeable LiPo battery and Wi-Fi video downlink, which when paired with a compatible mobile device gives you a live HD view from the Phantom’s camera.

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.

* The remote controller can reach its maximum transmission distance of 2.5 mi (4 km) in wide open areas with minimal magnetic interference and at an altitude of about 400 feet (120 meters) while FCC compliant.
1. Download the DJI GO App

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

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

2. Check Battery Levels

Press once to check the battery level. Press once, then again and hold to turn on/off.

3. Charging the Batteries

Remove the battery. Provided Charger Charge Time: ~1.5 hours USB Adapter Charge Time: ~2.5 hours (when charging at 1.5 A)

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

Press the button on the side of the Mobile Device Holder to release the clamp.

Unfold

Place your mobile device into the clamp and adjust it so that the mobile device is held securely in place.

5. Prepare for Takeoff

Remove the gimbal packing.

Remove the gimbal clamp from the camera.

Power on the remote controller and the aircraft.

On your mobile device, select ‘Phantom3SE_XXXXXX’ from the Wi-Fi menu and enter the default password ‘12341234’.

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

Launch the app.

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.
6. Flight

**Ready to Go (GPS)**

Before taking off, ensure the Aircraft Status Bar in the DJI GO app indicates ‘Ready to Go (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**
  Combination Stick Command to start/stop the motors

- **Manual Landing**
  Left stick down (slowly) until you touch the ground
  Hold a few seconds to stop the motors
  Left stick up (slowly) to take off

- Never stop the motors mid-flight, otherwise the aircraft will crash. Only stop the motors when the aircraft is on the ground or in emergencies to reduce the risk of damage or injury.

7. 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.
- **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.
Specifications

**Aircraft**
- Weight (Including Battery): 1236 g
- Max Ascent Speed: 5 m/s
- Max Descent Speed: 3 m/s
- Max Speed: 16 m/s (Atti mode, no wind)
- Max Service Ceiling Above Sea Level: 19685 feet (6000 m) (Software altitude limit: 400 feet above takeoff point)
- Max Flight Time: Approximately 25 minutes
- Operating Temperature Range: 32° to 104° F (0° to 40° C)
- GNSS: GPS+GLONASS
- Operating Frequency: 2.400-2.4835 GHz; 5.725-5.850 GHz
- Transmitter Power (EIRP): 2.4 GHz: ≤27 dBm (FCC); ≤20 dBm (SRRC); ≤20 dBm (CE)
  5.8 GHz: ≤30 dBm (FCC); ≤26 dBm (SRRC); ≤14 dBm (CE)

**Gimbal**
- Controllable Range: Pitch: -90° to +30°

**Vision Positioning**
- Velocity Range: <8 m/s (Altitude 2 m)
- Altitude Range: 30 cm to 300 cm
- Operating Range: 50 cm to 300 cm
- Operating Environment: Surface with clear pattern and adequate lighting (Lux > 15)

**Camera**
- Sensor: 1/2.3” CMOS Effective pixels:12 M
- Lens: FOV (Field Of View) 94°  20 mm (35 mm format equivalent) f/2.8 Focus at: ∞
- ISO Range: 100-3200 (video) 100-1600 (photo)
- Electronic Shutter Speed: 8 to 1/8000 s
- Image Max Size: 4000×3000
- Still Photography Modes: Single shot
- Burst shooting: 3/5/7 frames
- Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7EV Bias
- Interval shot

**Video Recording Modes**
- C4K: 4096×2160 24/25p
- 4K: 3840×2160 24/25/30p
- 2.7K: 2704×1520 24/25/30p
- FHD: 1920×1080 24/25/30/48/50/60p
- HD: 1280×720 24/25/30/48/50/60p

**Max Bitrate of Video Storage**
- 60 Mbps

**Supported File Systems**
- FAT32 (≤ 32 GB); exFAT (> 32 GB)

**Photo Formats**
- JPEG, DNG

**Video Formats**
- MP4/MOV (MPEG-4 AVC/H.264)

**Supported SD Card Types**
- Micro SD, Max capacity: 64GB. Class 10 or UHS-1 rating required

**Operating Temperature Range**
- 32° to 104° F (0° to 40° C)

**Remote Controller**
- Operating Frequency: 2.400 GHz – 2.4835 GHz, 5.725 GHz - 5.850 GHz
- Transmitter Power (EIRP): 2.4 GHz: ≤27 dBm (FCC); ≤20 dBm (SRRC); ≤20 dBm (CE)
  5.8 GHz: ≤30 dBm (FCC); ≤26 dBm (SRRC); ≤14 dBm (CE)
- Max Transmission Distance: 2.4 GHz: 0.6 mi (1000 m, FCC); 0.3 mi (500 m, SRRC); 0.3 mi (500 m, CE)
  5.8 GHz: 2.5 mi (4000 m, FCC); 1.9 mi (3000 m, SRRC); 0.2 mi (400 m, CE)
- Unobstructed and free of interference
- Operating Temperature Range: 32° to 104° F (0° to 40° C)
- Battery: 2,600 mAh LiPo 18650
- Mobile Device Holder: Tablets and smartphones

**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
- Charging Temperature Range: 41° to 104° F (5° to 40° C)
- Max Charging Power: 100 W

Download the user manual in the DJI GO app for more information.
※ This content is subject to change without prior notice.
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.

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