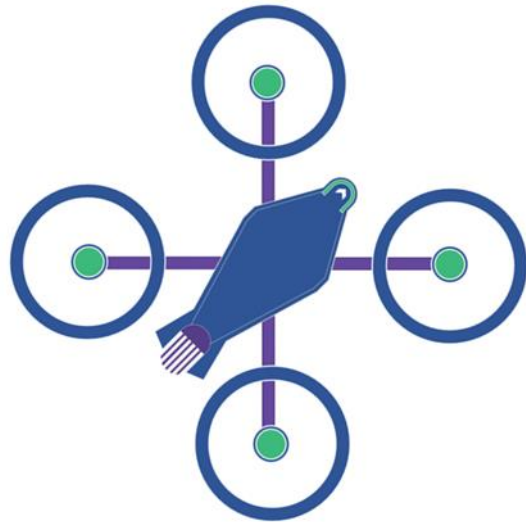


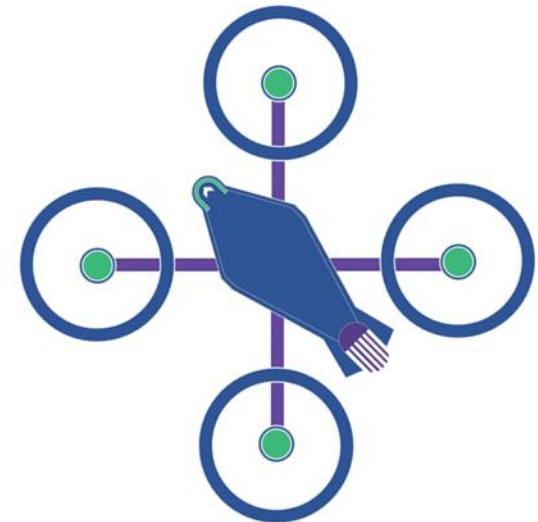
PHANTON 3



Quads For Fun

<http://quadsforfun.wix.com/quadsforfun>

quadsforfun@outlook.com



PHANTOM 3

Advanced or Professional



SPECIFICATIONS: <http://quadsforfun.wix.com/quadsforfun>

Weight (including battery and propellers): 1280 g, **Diagonal size** (including propellers): 590 mm, **Max Ascent Speed:** 5 m/s, **Max Descent Speed:** 3 m/s, **Hover Accuracy:** Vertical: +/- 10cm | Horizontal: +/- 1m, **Max Speed:** 16 m/s (ATTI mode, no wind), **Max Altitude** (Above Sea Level): 6000 m, Operating Temperature: 0°C to 40°C, **GPS Mode:** GPS/GLONASS, **Camera Sensor:** Sony EXMOR 1/2.3" **Effective pixels:** 12.4 M (total pixels: 12.76 M), **Lens:** FOV 94° 20 mm (35 mm format equivalent) f/2.8, focus at ∞, **ISO Range:** 100-3200 (video) 100-1600 (photo), **Shutter Speed:** 8s -1/8000s, **Image Max Size:** 4000 x 3000, **Still Photography Modes:** Single Shot, Burst Shooting: 3/5/7 shots, Auto Exposure Bracketing (AEB): 3/5, Bracketed Frames at 0.7EV Bias, Time-lapse.

Video Recording Modes (Phantom 3 Professional):

UHD: 4096x2160p 24/25, 3840x2160p 24/25/30

FHD: 1920x1080p 24/25/30/48/50/60

HD: 1280x720p 24/25/30/48/50/60

(Phantom 3 Advanced)

FHD: 1920x1080p 24/25/30/48/50/60

HD: 1280x720p 24/25/30/48/50/60

Supported SD Card Types: Micro SD, Max capacity: 64 GB,

Class 10 or UHS-1 rating required, **Max Bitrate of Video**

Storage: 60 Mbps.

SUPPORTED FLES FORMAT:

FAT32/exFAT, Photo: JPEG, DNG, Video: MP4, MOV (MPEG-4 AVC/H.264), Operating Temperature: 0°C to 40°C.

GIMBAL

Controllable Range: Pitch -90° to +30°, Stabilization: 3-axis (pitch, roll, yaw).

VISION POSITIONING:

Max Velocity: Less than 8 m/s (when 2 m above ground), Altitude Range: 30 cm-300 cm, Operating Range: 30 cm-300 cm, Operating Environment: surface with clear pattern and adequate lighting (Lux > 15)

REMOTE CONTROLLER

Operating Frequency: 2.400 GHz-2.483 GHz, Max Distance: 2000m (outdoors and unobstructed), Video Output Port: USB, Operating Temperature: 0°C- 40°C.

BATTERY:

6000 mAh LiPo 2S, Mobile Device Holder: for tablet or phone, Receiver Sensitivity (1%PER): 101 dBm ±2 dBm, Transmitter Power (EIRP): FCC: 20 dBm, CE: 16 dBm.

Working Voltage: 1.2

A @7.4 V, Battery

Charger Voltage: 17.4

V, Rated Power for

Phantom 3:

Professional (100 W),

Advanced (57 W)



INTELLIGENT BATTERY:

Capacity: 4480 mAh, Voltage: 15.2 V, Battery Type: LiPo 4S

Energy: 68 Wh, Net Weight: 365 g, Max Flight Time: 23

minutes, Operating Temperature: -10°C to 40°C, Max

Charging Power: 100 W.

APP / LIVE VIEW

Mobile App DJI Pilot, EIRP 100mW, Live View Working

Frequency: 2.4GHz ISM, Live View Quality: 720P @ 30fps

Latency: 220ms.

OPERATING SYSTEMS

iOS 8.0 or later, Android 4.1.2 or later

RECOMMENDED DEVICES

iOS: iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air, iPad Air Wi-

Fi + Cellular, iPad mini 2, iPad mini 2 Wi-Fi + Cellular, iPad Air

2, iPad Air 2 Wi-Fi + Cellular, iPad mini 3, and iPad mini 3 Wi-Fi

+ Cellular. This app is optimized for iPhone 5s, iPhone 6, and

iPhone 6 Plus. **Android:** Samsung S5, Note 3, Sony Xperia Z3,

Google Nexus 7 II, Google Nexus 9, Mi 3, Nubia Z7 mini.

PHANTOM 3



PHANTOM 3

PROFESSIONAL

4K

12.0
MEGA
PIXELS

Finally, a flying camera that packs years of experience in aerial imaging into one compact, easy to use system. With the Phantom 3 Professional, the shooting 4K video at up to 30 frames per second and capturing 12 megapixel photos that look crisper and cleaner than ever.

Professional Lens

The Phantom 3 Professional's camera has an f/2.8 lens with a 94° field of view, virtually eliminating the unwanted lens distortion common in other cameras not built to shoot from the air. Built from 9 separate elements, including two aspherical elements, that reduce weight and complexity without sacrificing image quality, this lens brings the brightest, truest colors to life.

Stable Footage

When paired with DJI's industry-standard gimbal stabilization technology, the camera is held perfectly stable no matter how the Pilot flies. This 3-axis gimbal makes complex shots and hovering for long exposure photos easy. The camera is capturing smooth, stable footage throughout entire flight, and the camera and gimbal are fully controllable by the included remote controller and dedicated DJI Pilot app.

PHANTOM 3

ADVANCED

HD
1080p

12.0
MEGA
PIXELS

Show off a new view of the world in unprecedented clarity and style. The Phantom 3 Advanced has a fully integrated camera that shoots 1080p video at up to 60 frames per second and captures 12 megapixel photos. An enhanced sensor gives you greater clarity, lower noise, and better pictures than any previous flying camera.

Professional Lens

The f/2.8 lens has a 94° field of view, virtually eliminating unwanted distortion that may occur when shooting wide aerial views with other cameras.



WORRY-FREE AUTOPILOT

Automatic elements of the Phantom 3's intelligent flight system helps the Pilot to fly and are available at the touch of a button.



AUTO-TAKEOFF

With one tap in the DJI Pilot app, your Phantom 3 will turn on its motors and rise to a pre-set height. It will then hover perfectly in place until you direct it where to go.



AUTO-RETURN HOME

When GPS is available, your Phantom 3 remembers the exact spot that it took off from. Wherever your aircraft is flying, tap a button to have it return right back home.



FAILSAFE

If the Intelligent Flight Battery is running low, or if your Phantom 3 loses the connection with your remote controller for any reason, the aircraft will automatically return to the takeoff point and land safely.



<http://quadsforfun.wix.com/quadsforfun>

PHANTOM 3



EASY TO FLY

The Phantom 3 fits into the Pilot's life and makes flying remarkably intuitive and easy. From takeoff to landing, it's completely under control, responding to the commands while automatically handling the most complex aspects of safe, stable flight thanks to the new Flight System.





PHANTOM 3



LIVE HD VIEW

Experience a new view of the world, over distances up to 1.2 miles (2km) and in real time. Simply connect the phone or tablet, and a 720p HD view of everything the camera sees as the Pilot flies is displayed live. Immersive view streams in absolute clarity, enabling to get the perfect shot and experience flying in a unique way. This live view is made possible by DJI Lightbridge image transmission technology that is used by professional cinematographers and photographers who demand only the best. Fly while seeing everything in HD, and feel what it's like to be above your world without ever leaving the ground.

<http://quadsforfun.wix.com/quadsforfun>



PHANTOM 3

COMPLETE CONTROL

Keep the Phantom 3 fully under command while accessing the most-used features right on the included remote controller.

Giving to the Pilot full control at nearly triple the range of previous Phantom models (1.2 miles) is the built-in DJI Lightbridge, which handles all communication to and from the Phantom 3.

This crucial piece of your flight experience has been engineered specifically for flying camera platforms, making every flight easy, safe, and intuitive.

DJI PILOT App

Free to download and use with your Phantom 3, the DJI Pilot app puts complete control in your hands. With a simplified, more intuitive user interface and amazing new features, the Pilot app is constantly updated to give you the best flight experience possible.

<http://quadsforfun.wix.com/quadsforfun>

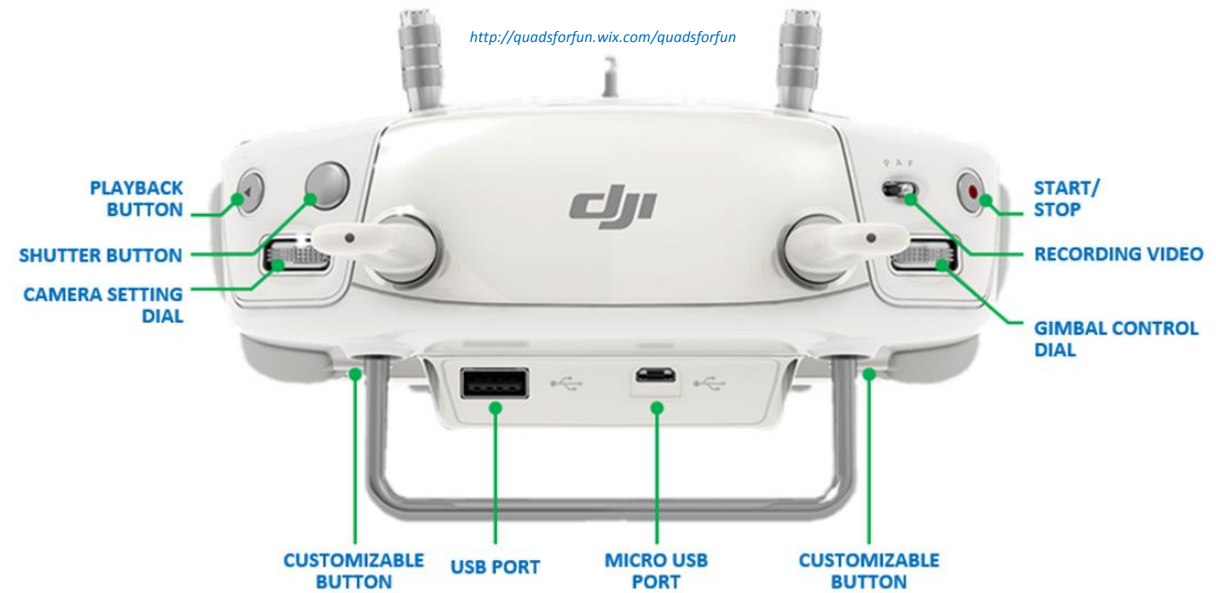


PHANTOM 3



REMOTE CONTROLLER

With sensitive control sticks, dedicated buttons, and an over 2km approximately range, the customizable Phantom 3 remote controller gives to the Pilot a completely comfortable way to fly and interact with the Phantom 3. Ergonomically built to fit perfectly in hands, the remote gives to the Pilot the confidence to fly the way he/she wants.



COMPLETE CONTROL

Keep the Phantom 3 fully under the Pilot command while accessing the most-used features right on the included remote controller.

Giving to the Pilot to full control at nearly triple the range of previous Phantom models, up to 1.2 miles (2km), is the built-in DJI Lightbridge, which handles all communication to and from the Phantom 3. This crucial piece of Pilot flight experience has been engineered specifically for flying camera platforms, making every flight easy, safe and intuitive.

YOUTUBE LIVESTREAMING



As you are flying, share the view with your friends and the world, live over YouTube. Now anyone can experience the joy of flight, and watch, comment and share your experience in near real time.

PHANTOM 3



<http://quadsforfun.wix.com/quadsforfun>

REMOTE CONTROLLER FEATURES



QUICK VIDEO EDITOR

Quickly create videos and share them instantly. DJI's new Director software, a built-in video editor, allows you to choose the best moments from your flights and build a complete video with music, text, and more.

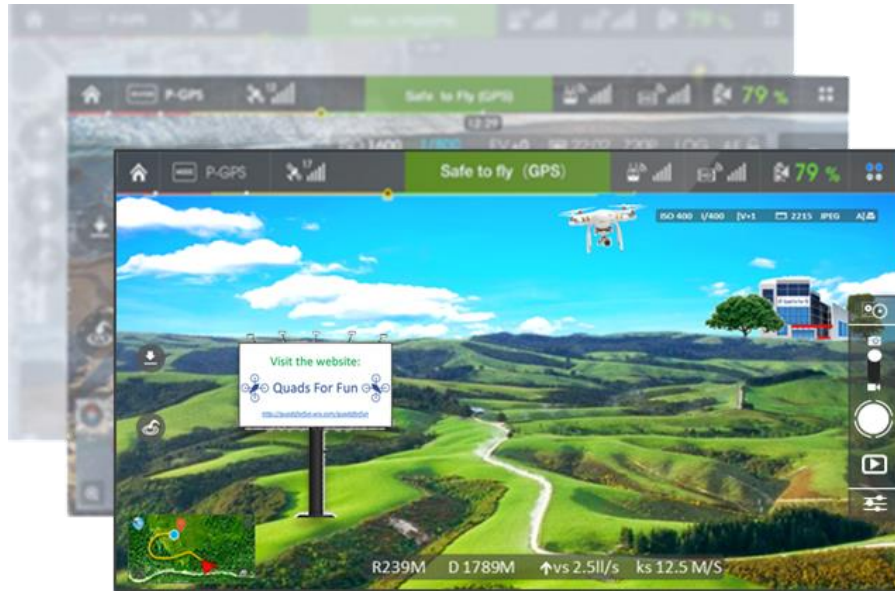
<http://quadsforfun.wix.com/quadsforfun>



INTERACTIVE FLIGHT SIMULATOR

Practice flying and perfect your skills without going anywhere. The included flight simulator gives to the Pilot the lifelike experience of flying the Phantom 3 and using the remote controller in a safe, controlled virtual environment.

PHANTOM 3

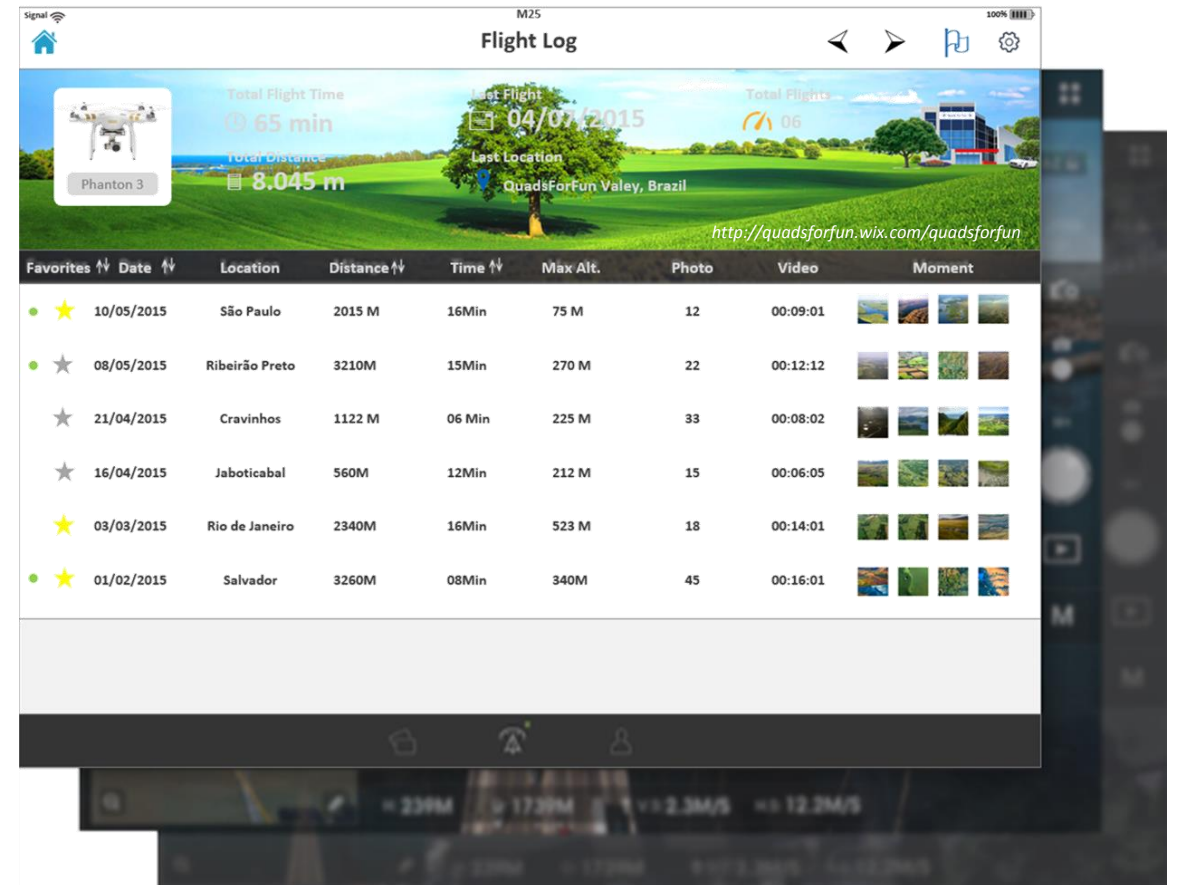


POWERFUL MOBILE App

Complete power is at your fingertips. Control the camera and change flight settings, all from your mobile device. Plus:

- Automatic video editor that helps piece together your best footage in seconds.
- Ability to livestream your flights to YouTube for all to see.
- Live map that tracks your Phantom 3 at all times.
- User-friendly interface for adjusting full camera and flight settings, and much more!

PHANTOM 3



FLIGHT LOG

Review all of your past flights, with the time, duration, and a preview of the photos and videos you took. Track your progress and have a full record of past memories.

PHANTOM 3

Maintaining complete control and stability in the air is crucial to every successful flight. The Phantom 3 contains the best and newest DJI flight technology, giving to the Pilot an enjoyable experience through full, automatic intelligent support. These systems help to fly better and safer, and are designed so that the Pilot never have to think about them at all.



MAIN CONTROLLER

Processing and analyzing flight data in real time takes serious power. The Main Controller is the control center of your Phantom 3. It collects data from the entire system, including motor speed, GPS location, your command inputs, and data from automatic sensors, and analyzes it all to tell your Phantom 3 exactly how to behave at any given moment.

Never lose track of your Phantom 3. GPS and GLONASS combine to make the Phantom 3 completely aware of its location and relation to the Pilot. It hovers more precisely, moves more accurately, and locks onto satellites faster. Through the DJI Pilot app, it's possible to track its location on a live map, and record the takeoff point so the Pilot can bring it back to him with the tap of a finger.



PHANTOM 3



INTELLIGENT BATTERY

Higher voltage, more energy, and greater power combine to give a vastly improved flight experience. This upgraded Intelligent Flight Battery has built-in sensors that let the Pilot know the status of the battery in real time, so the Pilot always know how long he/her can continue flying and when it's time to recharge. Recharging is fast and easy, and the Phantom 3 Professional comes with an upgraded charger for substantially reduced charge times.

<http://quadsforfun.wix.com/quadsforfun>

PHANTOM 3



VISION POSITIONING

Fly indoors, low to the ground, and in GPS-free areas with Vision Positioning technology. Visual and ultrasonic sensors scan the ground beneath the Phantom 3 for patterns, enabling it to identify its position and move accurately.

<http://quadsforfun.wix.com/quadsforfun>

PHANTOM 3



Keeping the Phantom 3 stable and flying the way the Pilot wants it to is the Inertial Measurement Unit. Inside is a 6-axis gyroscope and an accelerometer that records and relays even the smallest changes in tilt and movement. It is constantly at work, detecting the slightest changes and compensating for them automatically.



Motor speed is critical to flight, and each motor is managed individually by the Electronic Speed Controllers. ESCs not only relay vital motor speed information to the Main Controller, they also send commands back to the motors based on the Pilot input. This constant communication keeps your Phantom stable in flight, and also helps the Pilot achieve any flight movement, from gentle pans to rapid acceleration.

<http://quadsforfun.wix.com/quadsforfun>

PHANTOM 3

Develop your own app by using the DJI Software Development Kit. The Phantom 3 platform is fully open and allows you to program apps that:

Control the Camera



Take pictures, record video, and control camera tilt and settings, all based on your app's needs.

Access Real-Time Footage



Record and analyze the Phantom 3's live HD video stream. Use this real-time visual information to make your app more powerful.

Gather Flight Data



Full flight telemetry, including the Phantom 3's live altitude, speed, distance, and more, is available to your app.

Follow Me



Program THE Phantom 3 to act as your own personal, flying film crew.

Ground Station



Set waypoints and assign automatic actions for your aircraft to follow.

Point of Interest



Select a location or object to focus on, and the Phantom 3 will continuously face it, no matter how you fly.



Visit the website:



<http://quadsforfun.wix.com/quadsforfun>