



THE FUTURE OF POSSIBLE

Phantom 4

VISION INTELLIGENCE

ELEVATED IMAGINATION

Dear Partners,

DJI Phantom 4

The Phantom 4 boasts sweeping curves, elegant lines and a polished shell that redefines the classic Phantom 4 shape. Its exquisite detailing and matt finish composite components add a level of finish and quality never seen before in a flying camera.



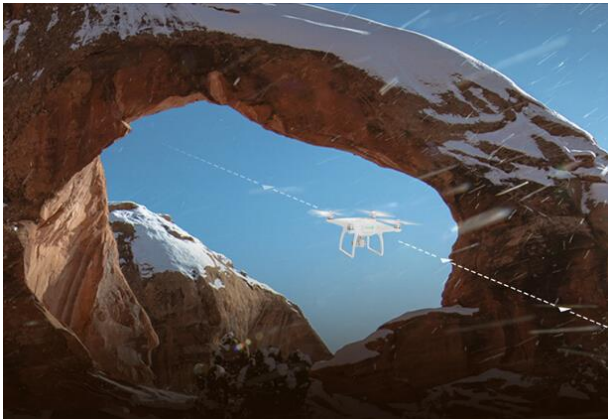


THE FUTURE OF POSSIBLE

Key Features

Fly with Tap

Flying is easy for everyone. Double tap the screen to fly. An Obstacle Sensing System keeps the Phantom safe as it goes, and Smart Return Home returns it to you more safely.



Visual Tracking

ActiveTrack lets you track a subject automatically, no band or beacon required, with obstacle avoidance keeping the Phantom clear of objects. Moving POI lets everyone shoot previously impossible shots.

Extended Flight Time

Advanced propulsion systems, highly integrated and more streamlined design combined with a larger capacity battery gives the new Phantom 25% more effective flying time.





THE FUTURE OF POSSIBLE



Sport Mode

A brand new Sport mode brings responsive controls and the thrill of speed everywhere. An integrated gimbal and new battery positioned to move the center of gravity close to the aircraft's core combines with raised motors that increase torque reaction, and a reliable flight control system which precisely controls the aircraft's movement to make flight at high speeds safer.

Description of Main Modules

Aircraft

- **Advanced aerodynamics and stability**

Sleek, streamlined aerodynamics help the Phantom 4 slip more smoothly through the air. An integrated gimbal and camera raises the center of gravity for more airborne stability.

- **Multiple Flight Modes**

Switching flight modes to meet your needs, whether you are looking for simplicity and intelligent navigation, speed or smooth cinematic movements is easy.

- **Fly Far for Longer**

Fly for 28 minutes*, an increase in effective flight time of 25% from the Phantom 3 Professional. Enjoy 3.1mi (5km)** of range, with complete control and a live 720p HD view of everything the camera sees.

*In calm conditions with constant speed.

**Maximum range tested in unobstructed areas free of interference and may vary depending on local regulations.



greater security and confidence when flying indoors.

Vision

- **Sense and Avoid**

Front obstacle sensors combine with advanced computer vision and processing to give the Phantom active obstacle avoidance that allows it to react to and avoid obstacles in its path. Additionally, DJI's Vision Positioning System has been refined, increasing its effective altitude by over 300% from the Phantom 3's altitude to 10 meters and sharpening up its positioning capabilities, allowing for



THE FUTURE OF POSSIBLE

- **TapFly**

The Phantom 4 reacts to your touch. In TapFly mode, simply tap on the live view on your smart device screen to send it flying in that direction. With Obstacle Sensing Systems you can watch it fly without worry.

- **ActiveTrack**

Using ActiveTrack, the Phantom 4 will recognize your subject, follow them naturally, and keep them in the frame. No GPS bracelet, tracker or beacon required.

Camera

- **High Performance Camera**

Shoot sharp, clean video in up to 4K at 30fps and Full HD 1080p at 120fps for slow motion, through a newly designed lens that dramatically increases sharpness.

- **Professional Post Production**

A range of video color profiles are available to help you get the look you want easily, from bright vibrant colors to professional flat profiles including D-Log and Cine-D that are ready for video post-production. Photographers can shoot images in 12 megapixel Adobe DNG RAW.

- **Integrated Gimbal**

An advanced 3-axis gimbal takes out unwanted vibration and movement in-flight, enabling the camera to capture smooth and fluid footage even during complex maneuvers.



More

- **Intelligent Flight Positioning**

The Phantom 4 connects to both GPS and GLONASS, allowing it to connect to satellites faster and position itself with extreme accuracy in the air.

- **Automatic Flight Logs**

The Phantom 4 automatically logs the details of every flight you take so you can check back on previous flights.

- **Built-in Redundancies**

Dual compass modules and dual Inertial Measurement Units (IMUs) allow the Phantom 4 to constantly check the data it is receiving. This means any incorrect data can be isolated and ignored without ever affecting your flight.

- **Beginner Mode**

Beginner flyers should build confidence by flying low and close. Beginner mode prevents new pilots from going beyond their skills. An adjustable maximum height and distance can also be set when flying skills improve.

- **Customizable Remote Controller**

All the controls on the Phantom 4 can be completely customized to match your flying style, from control stick sensitivity to the functionality of dedicated buttons



THE FUTURE OF POSSIBLE

DJI GO

- **DJI GO**

DJI GO is all you need to fly, create, share, and connect. Compatible with the Phantom series, Inspire series, Osmo and more.

- **SDK Supported**

Through the DJI SDK, the Phantom 4 open to software and hardware development.



Optimized Backpack

A backpack specially designed around the Phantom 4 is also available. Able to secure the Phantom tightly in place, with space for the chargers, spare batteries and even a 15" laptop, this pack lets you carry everything you need to be creative everywhere.

KEEP FLYING

DJI Care Protection Plan is a service plan that provides you with peace of mind, covering damage to your DJI aircraft, gimbal or cameras sustained during normal use.





THE FUTURE OF POSSIBLE

Specifications

Aircraft	
Weight (Including Battery)	1380 g
Max. Ascent Speed	6 m/s (Sport mode)
Max. Descent Speed	4 m/s (Sport mode)
Max. Speed	20 m/s (Sport mode)
Max. Altitude Above Sea Level	19685 feet (6000 m) (Software altitude limit: 400 feet above takeoff point)
Max. Flight Time	Approx. 28 minutes
Operating Temperature Range	32° to 104° F (0° to 40° C)
Satellite Systems	GPS / GLONASS
Hovering Accuracy	Vertical: +/- 0.1 m (when Vision Positioning is active) or +/-0.5 m Horizontal: +/- 0.3 m (when Vision Positioning is active) or +/-1.5 m
Gimbal	
Controllable Range	Pitch: -90° to +30°
Obstacle Sensing System	
Obstacle Sensory Range	2 - 49 feet (0.7 - 15 m)
Operating Environment	Surface with clear pattern and adequate lighting (lux > 15)
Vision Positioning System	



THE FUTURE OF POSSIBLE

Velocity Range	≤10 m/s (2 m above ground)
Altitude Range	0 - 33 feet (0 - 10 m)
Operating Range	0 - 33 feet (0 - 10 m)
Operating Environment	Surfaces with a clear pattern and adequate lighting (lux > 15)
Camera	
Sensor	1/2.3" 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 s to 1/8000 s
Max Image Size	4000×3000
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 HDR
Video Recording Modes	UHD: 4096×2160 (4K) 24 / 25p 3840×2160 (4K) 24 / 25 / 30p 2704×1520 (2.7K) 24 / 25 / 30p FHD: 1920×1080 24 / 25 / 30 / 48 / 50 / 60 / 120p



THE FUTURE OF POSSIBLE

	HD: 1280×720 24 / 25 / 30 / 48 / 50 / 60p
Max Video Bitrate	60 Mbps
Supported File Systems	FAT32 (≤ 32 GB); exFAT (> 32 GB)
Photo	JPEG, DNG (RAW)
Video	MP4 / MOV (MPEG – 4 AVC / H.264)
Supported SD Cards	Micro SD, Max capacity: 64GB. Class 10 or UHS-1 rating required
Operating Temperature	32° to 104° F (0° to 40° C)
Remote Controller	
Operating Frequency	2.400 GHz to 2.483 GHz
Max Transmission Distance	FCC Compliant: 3.1 mi (5 km); CE Compliant: 2.2 mi (3.5 km) (Unobstructed, free of interference)
Operating Temperature	32° to 104° F (0° to 40° C)
Battery	6000 mAh LiPo 2S
Transmitter Power (EIRP)	FCC: 23 dBm; CE: 17 dBm
Operating Voltage	7.4V @ 1.2A
Charger	
Voltage	17.4 V
Rated Power	100 W



THE FUTURE OF POSSIBLE

Intelligent Flight Battery (PH4 - 5350 mAh -15.2 V)	
Capacity	5350 mAh
Voltage	15.2 V
Battery Type	LiPo 4S
Energy	81.3 Wh
Net Weight	462 g
Operating Temperature	14° to 104° F (-10° to 40° C)
Max Charging Power	100 W

Pricing



Phantom 4

The Visionary Intelligence Elevated Imagination.

(RRP) EUR1599

Iflight Technology Co. Ltd.

March 1st, 2016