

DJI Phantom 3 Professional Quadcopter with 4K Camera and 3-Axis Gimbal



Rating: 5.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 499.00

Discount:



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Manufacturer: [Dji](#)

Description

Product Highlights

- Gimbal Stabilized 4K Camera
- Camera Takes 12MP Still Photos
- 720p HD App-Based Monitoring
- Gimbal Control Dials on Transmitter
- GPS for Enhanced Stability and Failsafes
- Auto-Takeoff / Auto Return Home
- Vision Sensor for Indoor Flight
- Up to 23 Minutes Flying Time
- Intelligent LiPo Flight Battery
- Mobile Device Holder Included

Performance

Maximum Speed

Ascent: 16.4' / 5 m/s

Descent: 9.8' / 3 m

Hover Accuracy

Vertical: $\pm 3.9"$ / 10 cm

Horizontal: $\pm 3.3'$ / 1 m

Maximum Altitude

Above Sea Level: 19,685' / 6000 m

Flight Time

23 minutes (depending on conditions)

Flight Control System

GPS Mode

GPS / GLONASS

Vision Positioning

Frequency: 50 Hz

Velocity Range: Below 26.2 fps / 8 m/s (6.6' / 2 m above the ground)

Altitude Range: 11.8" to 118.1" / 30 cm to 300 cm

Operating Range: 11.8" to 118.1" / 30 cm to 300 cm

Operating Environment: Surface with clear pattern and adequate lighting (> 15 lux)

Transmitter

Frequency

2.400 to 2.483 GHz

Communication Distance

Up to 3.1 miles / 5 km (outdoors and unobstructed)

Receiver Sensitivity

1%PER: 101 dBm ± 2 dBm

Transmitter Power

EIRP: 20 dBm

Working Current

1.2 A at 7.4 V

Connectivity

1 x USB type A female for mobile device interface

1 x Micro-USB female for firmware updates / assistant software 1 x Charge port

Lightbridge Support

Yes; compatible iOS or Android mobile device with USB required

Mobile Device Holder

Compatibility: Tablet or smartphone

Operating Temperature

32 to 104°F / 0 to 40°C

Camera

Sensor

Make: Sony EXMOR

Size: 1/2.3"

Resolution: 12.76 MP (12.4 MP effective)

Aperture: f/2.8

FOV: 94°

Focal Length: 20 mm (35 mm equivalent)

Elements: 9

Focus: 0 to ?

Up to 12 MP (4000 x 3000)

Video: 100 to 3200

Photo: 100 to 1600

Photo Resolution

ISO Range

Video Resolutions

DCI 4K (4096 x 2160): 24p, 25p

UHD 4K (3840 x 2160): 24p, 25p, 30p

1080p (1920 x 1080): 24p, 25p, 30p, 48p, 50p, 60p

720p (1280 x 720): 24p, 25p, 30p, 48p, 50p, 60p

Photo Modes

Single Shot

Burst Shooting: 3/5/7 shots

Auto Exposure Bracketing (AEB): 3/5

Bracketed Frames at 0.7 EV Bias

Time-lapse

File Formats

Video: MPEG-4 AVC/H.264 in MOV wrapper (up to 60 Mbps)

Photo: JPEG, DNG RAW

Recording Media

Type: microSD/SDXC card up to 64 GB

Format: FAT32 / exFAT

Operating Temperature	Note: Class 10, UHS-1 or faster card required 32 to 104°F / 0 to 40°C
Gimbal	
Number of Axes	3-axis (pitch, roll, yaw)
Control Range	-90° to +30°
Motor	
Type	Brushless
Recommended Takeoff Weight	10.6 oz / 300 g per axis
Maximum Tension	1.8 lb / 800 g per axis
Stator Size	0.9 x 0.5" / 23 x 12 mm
Motor Velocity Constant	KV: 960 rpm/V
Working Temperature	23 to 104°F / -5 to 40°C
Weight	1.9 oz / 55 g
Flight Battery	
Chemistry	Lithium-polymer
Capacity	4480 mAh 68 Wh
Configuration	4S
Voltage	15.2 VDC
Weight	12.9 oz / 365 g
Maximum Charging Power	100 W
Operating Temperature	32 to 104°F / 0 to 40°C
Charger	Voltage: 17.4 VDC 100 W
Mobile App	
Name	DJI Pilot
System Requirements	OS: iOS 8.0 or later; Android 4.1.2 or later

Recommended Devices:

Apple (iOS): iPhone 5s, iPhone 6, iPhone 6 Plus, iPad Air (Wi-Fi and cellular versions), iPad mini 2 (Wi-Fi and cellular versions), iPad Air 2 (Wi-Fi and cellular versions), iPad mini 3 (Wi-Fi and cellular versions)
(Note: Optimized for iPhone 5s, iPhone 6, and iPhone 6 Plus)

Samsung (Android): Galaxy Tab SM-T705C, Galaxy S6, Galaxy Galaxy S5, Galaxy Note4, Note3

Other (Android): Google Nexus 9, Google Nexus 7 II, Ascend Mate7, Huawei P8 Max, Nubia Z7 mini, Sony Xperia Z3, MI 3, MI PAD, Smartisan T1

Note: Additional devices may be compatible but have not yet been tested

General	
Operating Temperature	32 to 104°F / 0 to 40°C
Dimensions	Diagonal (Including Propellers): 23.2" / 590 mm Including Battery and Propellers: 2.8 lb / 1.3 kg
Weight	
Packaging Info	
Package Weight	9.8 lb
Box Dimensions (LxWxH)	15.4 x 14.3 x 8.3"