DJI Phantom 3 Advanced Quadcopter with 2.7K Camera and 3-Axis Gimbal















Rating: 3.0
Price:
Variant price modifier:

Price with discount:

Salesprice with discount:

USD 399.00

Discount:

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Manufacturer: Dji

Description

Product Highlights

• Gimbal Stabilized 2.7K 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' fps / 5 m/s Descent: 9.8' / 3 m
Hover Accuracy	Vertical: ±3.9" / 10 cm Horizontal: ±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)
Lens	Aperture: f/2.8 FOV: 94° Focal Length: 20 mm (35 mm equivalent) Elements: 9 Focus: 0 to ?
Photo Resolution	Up to 12 MP (4000 x 3000)
ISO Range	Video: 100 to 3200 Photo: 100 to 1600
Video Resolutions	**2.7K (2704 x1520):** 30p, 25p, 24p **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

	Note: Class 10, UHS-1 or faster card required
Operating Temperature	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 57 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
Weight	Including Battery and Propellers: 2.8 lb / 1.3 kg
Packaging Info	
Package Weight	9.3 lb
Box Dimensions (LxWxH)	15.6 x 14.3 x 8.5"