

## DJI Phantom 3 Advanced with 2.7K Camera and Battery Bundle with Hardshell Backpack



Rating: 3.0

**Price:**

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 629.00

Discount:



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Manufacturer: [Dji](#)

Description

### Product Highlights

- Gimbal Stabilized 2.7K Camera
- Camera Takes 12MP Still Photos



- App for Monitoring / Camera Operation
- 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
- Includes 2 Intelligent Flight Batteries
- Mobile Device Holder Included

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

## 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	<b>Frequency:</b> 50 Hz <b>Velocity Range:</b> Below 26.2 fps / 8 m/s (6.6' / 2 m above the ground) <b>Altitude Range:</b> 11.8" to 118.1" / 30 cm to 300 cm <b>Operating Range:</b> 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 $\pm 2$ 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"
Lens	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 ?

## Photo Resolution

ISO Range	Up to 12 MP (4000 x 3000) Video: 100 to 3200 Photo: 100 to 1600
Video Resolutions	<b>2.7K (2704 x 1520):</b> 30p, 25p, 24p <b>1080p (1920 x 1080):</b> 24p, 25p, 30p, 48p, 50p, 60p <b>720p (1280 x 720):</b> 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

Gimbal	<b>Note:</b> Class 10, UHS-1 or faster card required 32 to 104°F / 0 to 40°C
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	<b>OS:</b> iOS 8.0 or
Requirements	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	
Box Dimensions (LxWxH)	15.6 x 14.3 x 8.5"