

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	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 ?

Lens

Photo Resolution

ISO Range

Up to 12 MP (4000 x 3000)
Video: 100 to 3200
Photo: 100 to 1600

Video Resolutions

2.7K (2704 x 1520): 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

File Formats

Time-lapse
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
	57 W

Mobile App

Name	DJI Pilot
System	OS: 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"