

DJI Phantom 4 Quadcopter



Rating: 3.0

Price:

Variant price modifier:

Price with discount:

Salesprice with discount:

USD 699.00

Discount:



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Manufacturer: [Dji](#)

Description

Product Highlights

- Gimbal-Stabilized 4K / 12MP Camera
- Visual Sensor for Obstacle Avoidance
- Streamlined Shell / Magnesium Unibody
- Top Speed of 44.7mph in Sport Mode

Drone : DJI Phantom 4 Quadcopter

- Maximum Control Range of 3.1 Miles
- Visual Tracking of Moving Subject
- Up to 32.8' Vision Positioning Altitude
- TapFly - Fly With a Tap of the Finger
- Avoids Obstacles When Returning Home
- Up to 28 Minutes Flying Time

Performance

Maximum Speed	65.6' per second / 20 m/s (Sport mode) Ascent: 19.7' per second / 6 m/s (Sport mode) Descent: 13.1' per second / 4 m/s (Sport mode)
Maximum Altitude	Above Sea Level: 19,685' / 6000 m Above Takeoff Point: 400' / 122 m (Software limit)
Hovering Accuracy	Vertical: $\pm 0.3'$ / 0.1 m (when Vision Positioning is active) or $\pm 1.6'$ / 0.5 m Horizontal: $\pm 1'$ / 0.3 m (when Vision Positioning is active) or $\pm 4.9'$ / 1.5 m
Flight Time	28 minutes (depending on conditions)
Flight Control System	
GPS Mode	GPS / GLONASS
Vision Positioning	Velocity Range: ? 32.8' per second / 10 m/s (6.6' / 2 m above the ground) Altitude Range: 0 to 32.8' / 0 to 10 m Operating Range: 0 to 32.8' / 0 to 10 m

Obstacle Sensory Range	Operating Environment: Surface with clear pattern and adequate lighting (> 15 lux) 2 to 49' / 0.7 to 15 m
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	Operating Environment: Surface with clear pattern and adequate lighting (> 15 lux)
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Transmitter	
Frequency	2.400 to 2.483 GHz
Communication Distance	Up to 3.1 miles / 5 km (outdoors and unobstructed)
Transmitter Power	23 dBm
Operating Current	7.4 VDC at 1.2 A
Battery	6000 mAh lithium-ion polymer (LiPo) 2S
Operating Temperature	32 to 104°F / 0 to 40°C
Camera	
Sensor	1/2.3" 12 MP CMOS
Lens	FOV: 94° Focal Length: 20 mm (35 mm equivalent) Aperture: f/2.8
Photo Resolution	Up to 12 MP (4000 x 3000)
ISO Range	Video: 100 to 3200 Photo: 100 to 1600
Electronic Shutter Speed	8 to 1/8000 second
Video Resolutions	DCI 4K (4096 x 2160): 24p, 25p UHD 4K (3840 x 2160): 24p, 25p, 30p 2.7K (2704 x 1520): 24p, 25p, 30p 1080p (1920 x 1080): 24p, 25p, 30p, 48p, 50p, 60p, 120p 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, HDR
File Formats	Video: MPEG-4 AVC/H.264 in MOV wrapper (up to 60 Mbps) Photo: JPEG, DNG RAW
Recording Media	Type: microSDHC/SDXC card up to 64 GB Format: FAT32 / exFAT

Operating Temperature	Note: Class 10, UHS-1 or faster card required (64 GB maximum size) 32 to 104°F / 0 to 40°C
Gimbal	
Control Range	-90° to +30°
Flight Battery	
Chemistry	Lithium-ion polymer (LiPo)

Drone : DJI Phantom 4 Quadcopter

Capacity	5350 mAh, 81.3 Wh
Configuration	4S
Voltage	15.2 VDC
Weight	16.3 oz / 462 g
Maximum Charging Power	100 W
Operating Temperature	14 to 104°F / -10 to 40°C
Charger	Voltage: 17.4 VDC 100 W
General	
Operating Temperature	32 to 104°F / 0 to 40°C
Dimensions	Not specified by manufacturer
Weight	With battery: 3 lb / 1.4 kg
Packaging Info	
Package Weight	10.5 lb
Box Dimensions (LxWxH)	16.0 x 14.0 x 9.0"