

Phantom series comparison

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PHANTOM 3
PROFESSIONAL & ADVANCED



PHANTOM 3
STANDARD



PHANTOM 3
4K

	BUY PHANTOM 3 ADVANCED BUY PHANTOM 3 PROFESSIONAL	BUY PHANTOM 3 STANDARD	BUY PHANTOM 3 4K BUY PHANTOM 3 4K
Created For	High-level aerial photography and cinematography	Beginners & First-time pilots	High-level aerial photography and cinematography
In The Box	<ol style="list-style-type: none"> Phantom 3 Professional or Advanced Aircraft Phantom 3 Pro/Adv. Remote Controller 3-Axis Camera Stabilization Gimbal Built-in Camera Captures 4K (Pro) or 2.7K (Adv) video & 12.4M Photos DJI Lightbridge Video Downlink, 3.1mi (5km) range 4S 15.2V 4480mAh Intelligent Flight Battery Four Pairs of Propellers 	<ol style="list-style-type: none"> Phantom 3 Aircraft Phantom 3 Standard Remote Controller 3-Axis Camera Stabilization Gimbal Built-in Camera Captures 2.7 K video & 12MP Photo 2.4G WiFi Video Downlink, 1km range 4S 15.2V 4480mAh Intelligent Flight Battery Four Pairs of Propellers 	<ol style="list-style-type: none"> Phantom 3 4K Aircraft Phantom 3 4K Remote Controller 3-Axis Camera Stabilization Gimbal Built-in Camera Captures 4K video & 12.4M Photos 2.4G WiFi Video Downlink, 1.2km range 4S 15.2V 4480mAh Intelligent Flight Battery Four Pairs of Propellers
AIRCRAFT			
Diagonal Size (Excluding Propellers)	350 mm	350 mm	350 mm
Weight (Including Battery And Propellers)	1280 g	1216 g	1280 g
LiPo Battery	4S, 15.2V, 68WH 4480mAh Intelligent Flight Battery	4S, 15.2V, 68WH 4480mAh Intelligent Flight Battery	4S, 15.2V, 68WH 4480mAh Intelligent Flight Battery
Charger	Remote and Flight Battery Charger Professional: 100W Charger Advanced: 57W Charger	57W Flight Battery Charger Remote is charged via USB	57W Flight Battery Charger
Flight Time	About 23 mins	About 25 mins	About 25 mins
Max. Flight Speed	16m/s	16m/s	16m/s
POSITIONING MODULE			
Outdoors Positioning Module	GPS+GLONASS Dual Positioning Module	GPS Positioning Module	GPS Positioning Module
Vision Positioning Module	Vision Positioning System with ultrasonic sensors (Position holding without GPS)	No	Vision Positioning System with ultrasonic sensors (Position holding without GPS)
Hover Accuracy	Vertical: +/- 0.1 m (when Vision Positioning is active) or +/- 0.5 m Horizontal: +/- 1.5 m	Vertical: +/- 0.5 m Horizontal: +/- 1.5 m	Vertical: +/- 0.1 m (when Vision Positioning is active) or +/- 0.5 m Horizontal: +/- 1.5 m
CAMERA			
Sensor	Sony Exmor R BSI 1/2.3", Effective pixels 12.4M (Total pixels 12.76M)	Panasonic Smart FSI 1/2.3", Effective pixels 12M (Total pixels 12M)	Sony Exmor R BSI 1/2.3", Effective pixels 12.4M (Total pixels 12.76M)
Video Resolution	Phantom 3 Professional UHD: 4096x2160p 24/25, 3840x2160p 24/25/30 FHD: 1920x1080p 24/25/30/48/50/60 HD: 1280x720p 24/25/30/48/50/60 Phantom 3 Advanced 2.7K: 2704x1520p 24/25/30 (29.97) FHD: 1920x1080p 24/25/30/48/50/60 HD: 1280x720p 24/25/30/48/50/60	2.7K@30 (29.97) (2704*1520) FHD: 1920x1080p 24/25/30 HD: 1280x720p 24/25/30/48/50/60	UHD: 4096x2160p 24/25, 3840x2160p 24/25/30 FHD: 1920x1080p 24/25/30/48/50/60 HD: 1280x720p 24/25/30/48/50/60
Max. Image Size	4000 x 3000	4000 x 3000	4000 x 3000
Lens	FOV 94° 20 mm (35 mm format equivalent) f/2.8 focus at =	FOV 94° 20 mm (35 mm format equivalent) f/2.8 focus at =	FOV 94° 20 mm (35 mm format equivalent) f/2.8 focus at =
Filter Ring	Yes, Removable to Allow for ND Filters	No	Yes, Removable to Allow for ND Filters
REMOTE CONTROLLER & VIDEO DOWNLINK			
Dedicated Buttons On Remote	Return Home Button: Yes Video Recording Button: Yes Shutter Button: Yes Playback Button: Yes Flight Mode Switch: Yes Gimbal Dial: Yes 2 Dedicated Customizable buttons: Yes	Return Home Switch: Yes Video Recording Button: No Shutter Button: No Playback Button: No Flight Mode Switch: Yes Gimbal Dial: Yes 2 Dedicated Customizable buttons: No	Return Home Switch: Yes Video Recording Button: Yes Shutter Button: Yes Playback Button: Yes Flight Mode Switch: Yes Gimbal Dial: Yes 2 Dedicated Customizable buttons: Yes
Max Transmission Distance	CE: 3500 m FCC: 5000 m (unobstructed and no interference)	CE : 500m FCC : 1000m (outdoors and unobstructed)	CE : 500m ; FCC : 1200m (outdoors and unobstructed)
Video Transmission System	Built-in DJI Lightbridge Video Downlink	Built-in DJI WiFi Video Downlink	Built-in DJI WiFi Video Downlink
Video Transmission Distance	CE: 3500 m FCC: 5000 m (unobstructed and no interference)	CE: 500m FCC: 1000m (outdoors and unobstructed, flight altitude 120m)	CE: 500m ; FCC: 1200m(outdoors and unobstructed, flight altitude 120m)
Max. Video Bitrate	Phantom 3 Professional : 10Mbps Phantom 3 Advanced : 2Mbps	2Mbps	2M bps
Max FPV Preview Quality:	HD 720P @ 30fps (depending on conditions and mobile device)	HD 720P @ 30fps (depending on conditions and mobile device)	SD 480P @ 30fps
APP			
Mobile App	DJI GO	DJI GO	DJI GO
Intelligent Flight Modes	Follow Me Points of Interest Waypoints Course Lock Home Lock	Follow Me Points of Interest Waypoints Course Lock Home Lock	Follow Me Points of Interest Waypoints Course Lock Home Lock

1. Max Transmission Distance was measured in a test environment and is for reference only. Actual values may vary depending on local flight conditions.
 2. Max Flight Time was measured in a test environment and is for reference only. Actual values may vary depending on local flight conditions.

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