



PHANTOM 3

PROFESSIONAL



PHANTOM 3
STANDARD

PHANTOM 3
ADVANCED

PHANTOM 3 PROFESSIONAL SPECS

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AIRCRAFT

Weight (including battery and propellers)	1280 g
Diagonal Size (Excluding Propellers)	350 mm
Max Ascent Speed	5 m/s
Max Descent Speed	3 m/s
Hover Accuracy	<ul style="list-style-type: none">Vertical: +/- 0.1 m (when Vision Positioning is active) or +/- 0.5 mHorizontal: +/- 1.5 m
Max Speed	16 m/s (ATTI mode, no wind)
Max Service Ceiling Above Sea Level	6000 m (Default altitude limit: 120 m above takeoff point)
Operating Temperature	0°C to 40°C
GPS Mode	GPS/GLONASS
Max Flight Time	Approx. 23 minutes

GIMBAL

Controllable Range	Pitch -90° to +30°
Stabilization	3-axis (pitch, roll, yaw)

REMOTE CONTROLLER

Operating Frequency	2.400 GHz-2.483 GHz
Max Transmission Distance	Up to 5 km or 3.1 miles (unobstructed, free of interference) when FCC compliant Up to 3.5 km or 2.1 miles (unobstructed, free of interference) when CE compliant
Operating Temperature	32° to 104° F (0° to 40° C)
Battery	6000 mAh LiPo 2S
Transmitter Power (EIRP)	<ul style="list-style-type: none">FCC: 20 dBmCE: 16 dBm
Operating Voltage	1.2 A @7.4 V

INTELLIGENT FLIGHT BATTERY

Capacity	4480 mAh
Voltage	15.2 V
Battery Type	LiPo 4S
Energy	68 Wh
Net Weight	365 g
Operating Temperature	14° to 104° F (-10° to 40° C)
Max Charging Power	100 W



The Phantom 3 Professional has been certified by Apple in their Works with iMovie and Works with Final Cut Pro X programs, so you can edit 4K without worry whether you are a professional or shooting for fun.

CAMERA

Sensor	1/2.3" CMOS Effective pixels: 12.4 M (total pixels: 12.76 M)
Lens	FOV 94° 20 mm (35 mm format equivalent) f/2.8, focus at ∞
ISO Range	<ul style="list-style-type: none">100-3200 (video)100-1600 (photo)
Shutter Speed	8s -1/8000s
Image Max Size	4000×3000
Still Photography Modes	<ul style="list-style-type: none">Single ShotBurst Shooting: 3/5/7 shotsAuto Exposure Bracketing (AEB): 3/5Bracketed Frames at 0.7EV BiasTime-lapse
Video Recording Modes	<ul style="list-style-type: none">UHD: 4096x2160p 24/25, 3840x2160p 24/25/30FHD: 1920x1080p 24/25/30/48/50/60HD: 1280x720p 24/25/30/48/50/60
Supported SD Card Types	Micro SD Max capacity: 64 GB. Class 10 or UHS-1 rating required
Max Video Bitrate	60 Mbps
Supported File Formats	FAT32 (≤ 32 GB); exFAT (> 32 GB)
Operating Temperature	32° to 104° F (0° to 40° C)
Photo	JPEG, DNG
Video	MP4, MOV (MPEG-4 AVC/H.264)

DOWNWARD VISION SYSTEM

Velocity Range	Less than 8 m/s (2 m above ground)
Altitude Range	30 cm-300 cm

Operating Range	50 cm-300 cm
Operating Environment	Surface with clear pattern and adequate lighting (Lux > 15)

CHARGER

Voltage	17.4 V
Rated Power	100 W

APP / LIVE VIEW

Mobile App	DJI GO
EIRP	100mW
Power Spectral Density	6.9mW/MHz
Live View Working Frequency	2.4GHz ISM
Live View Quality	720P @ 30fps
Latency	220ms (depending on conditions and mobile device)
Required Operating Systems	<ul style="list-style-type: none">• iOS 8.0 or later• Android 4.1.2 or later
Recommended Devices	<ul style="list-style-type: none">• ios: iPhone 5s, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPod touch 6, iPad Pro, iPad Air, iPad Air Wi-Fi + Cellular, iPad mini 2, iPad mini 2 Wi-Fi + Cellular, iPad Air 2, iPad Air 2 Wi-Fi + Cellular, iPad mini 3, iPad mini 3 Wi-Fi + Cellular, iPad mini 4, and iPad mini 4 Wi-Fi + Cellular. This app is optimized for iPhone 5s, iPhone 6, iPhone 6 Plus, iPhone 6s and iPhone 6s Plus.• Android: Samsung tabs 705c, Samsung S6, Samsung S5, Samsung NOTE4, Samsung NOTE3, Google Nexus 9, Google Nexus 7 II, Ascend Mate7, Huawei Mate 8, Nubia Z7 mini, SONY Xperia Z3, MI 3, MI PAD <p>*Support for additional Android devices available as testing and development continues.</p>

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DJI GO – Intelligent Flight Mode: Waypoints

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DJI GO – Intelligent Flight Mode: Course Lock and Home Lock

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DJI GO – Intelligent Flight Mode: Point of Interest

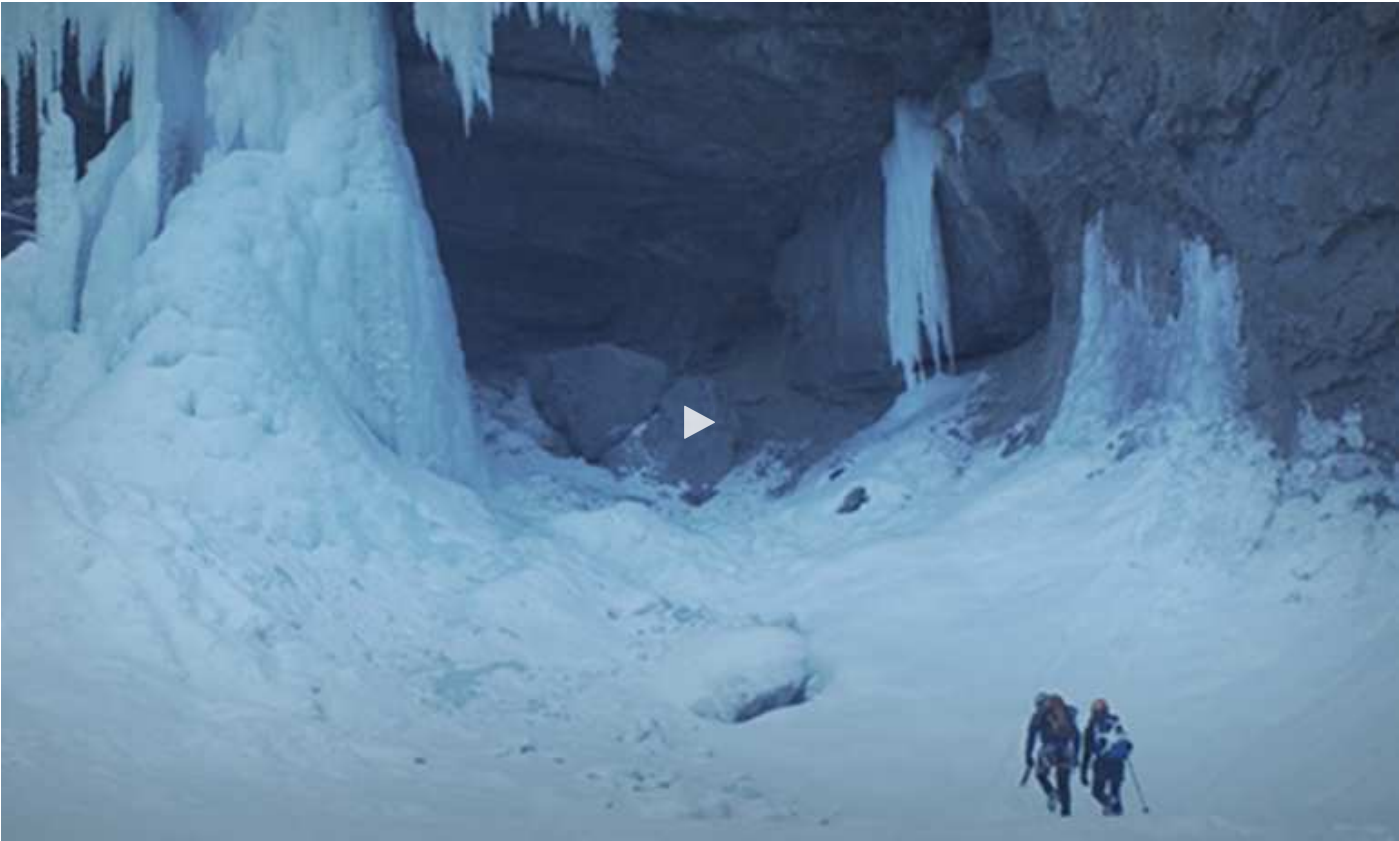
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SHOWCASE



DJI - Introducing the Phantom 3

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DJI Phantom 3 - "A New Perspective"

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DJI Phantom 3 - "To Not Yield"

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