

Weight (Including Battery And Propellers)
Max Ascent Speed
Max Descent Speed
Max Speed
Max Service Ceiling Above Sea Level
Max Flight Time
Max Hovering Time
Max Flight Distance
Operating Temperature
GPS Mode
Controllable Range
Stabilization
Obstacle Sensory Range
Operating Environment
Velocity Range
Altitude Range
Operating Range
Operating Environment
Sensor
Lens
ISO Range
Shutter Speed
Image Max Size
Still Photography Modes

Video Recording Modes
Max Video Bitrate
Supported File Formats
Photo
Video
Supported SD Card Types
Operating Temperature
Operating Frequency
Max Transmission Distance
Operating Temperature
Battery
Transmitter Power (EIRP)
Operating Voltage
Supported Mobile Device Size
Voltage
Rated Power
Capacity
Voltage
Battery Type
Energy
Net Weight
Operating Temperature
Max Charging Power

Aircraft	
1.62 lbs (734 g) (exclude gimbal cover)	
1.64 lbs (743 g) (include gimbal cover)	
16.4 ft/s (5 m/s) in Sport mode	
9.8 ft/s (3 m/s)	
40 mph (65 kph) in Sport mode without wind	
16404 feet (5000 m)	
27 minutes (0 wind at a consistent 15.5 mph (25 kph))	
24 minutes (0 wind)	
8 mi (13 km, 0 wind)	
32° to 104° F (0° to 40° C)	
GPS / GLONASS	
GIMBAL	
Pitch: -90° to +30°	
Roll: 0° or 90° (Horizontally and vertically)	
3-axis (pitch, roll, yaw)	
OBSTACLE SENSING SYSTEM	
Precision measurement range: 2 ft (0.7 m) to 49 ft (15 m)	
Detectable range: 49 ft (15 m) to 98 ft (30 m)	
Surface with clear pattern and adequate lighting (lux > 15)	
VISION POSITIONING	
≤22.4 mph (36 kph) at 6.6 ft (2 m) above ground	
1 - 43 feet (0.3 - 13 m)	
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Surface with clear pattern and adequate lighting (lux > 15)	
CAMERA	
1/2.3" (CMOS), Effective pixels:12.35 M (Total pixels:12.71M)	
FOV 78.8° 28 mm (35 mm format equivalent) f/2.2	
Distortion < 1.5% Focus from 0.5 m to ∞	
100-3200 (video)	
100-1600 (photo)	
8s -1/8000s	
4000×3000	
Single shot	
Burst shooting: 3/5/7 frames	
Auto Exposure Bracketing (AEB): 3/5 bracketed frames at 0.7 EV Bias	
Interval	

C4K: 4096x2160 24p 4K: 3840x2160 24/25/30p 2.7K: 2704x1520 24/25/30p	
FHD: 1920x1080 24/25/30/48/50/60/96p	
HD: 1280x720 24/25/30/48/50/60/120/180p	
60 Mbps	
FAT32 (≤ 32 GB); exFAT (> 32 GB)	
JPEG, DNG	
MP4, MOV (MPEG-4 AVC/H.264)	
Micro SD™	
Max capacity: 64 GB. Class 10 or UHS-1 rating required	
32° to 104° F (0° to 40° C)	
REMOTE CONTROLLER	
2.4 GHz to 2.483 GHz	
FCC Compliant: 4.3 mi (7 km);	
CE Compliant: 2.5 mi (4 km) (Unobstructed, free of interference)	
32° to 104° F (0° to 40° C)	
2970mAh	
FCC: ≤26 dBm	
CE: ≤20 dBm	
950mA @ 3.7V	
Thickness Supported:6.5-8.5mm Max length: 160mm Supported USB port types: Lightning, Micro USB(Type-B),USB(Type-C)™	
CHARGER	
13.05 V	
50 W	
INTELLIGENT FLIGHT BATTERY	
3830 mAh	
11.4 V	
LiPo 3S	
43.6 Wh	
Approx.0.5 lbs(240 g)	
41° to 104° F (5° to 40° C)	
100W	

