



**WEIGHT (INCLUDING BATTERY AND PROPELLERS)**

1280 g

**DIAGONAL SIZE (INCLUDING PROPELLERS)**

590 mm

**MAX ASCENT SPEED**

5 m/s

**MAX DESCENT SPEED**

3 m/s

**HOVER ACCURACY**

- Vertical: +/- 0.1 m (when Vision Positioning is active) or +/- 0.5 m
- Horizontal: +/- 1.5 m

**MAX SPEED**

16 m/s (ATTI mode, no wind)

**MAX ALTITUDE ABOVE SEA LEVEL**

Aircraft

6000 m

#### **OPERATING TEMPERATURE**

0°C to 40°C

#### **GPS MODE**

GPS/GLONASS

#### **SENSOR**

Sony EXMOR 1/2.3" 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**

100-3200 (video) 100-1600 (photo)

#### **SHUTTER SPEED**

8s -1/8000s

#### **IMAGE MAX SIZE**

4000 x 3000

#### **STILL PHOTOGRAPHY MODES**

- Single Shot
- Burst Shooting: 3/5/7 shots
- Auto Exposure Bracketing (AEB): 3/5
- Bracketed Frames at 0.7EV Bias
- Time-lapse

#### **VIDEO RECORDING MODES**

### 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: 2704 x1520p 24/25/30 (29.97)
- FHD: 1920x1080p 24/25/30/48/50/60

## Camera

- HD: 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 BITRATE OF VIDEO STORAGE**

### Phantom 3 Professional

60 Mbps

### Phantom 3 Advanced

40 Mbps

#### **SUPPORTED FILE FORMATS**

- FAT32/exFAT
- Photo: JPEG, DNG
- Video: MP4, MOV (MPEG-4 AVC/H.264)

#### **OPERATING TEMPERATURE**

0°C to 40°C

#### **CONTROLLABLE RANGE**

### Gimbal

Pitch -90° to +30°

#### **STABILIZATION**

3-axis (pitch, roll, yaw)

#### **MAX VELOCITY**

Less than 8 m/s (when 2 m above ground)

#### **ALTITUDE RANGE**

### Vision

### Positioning

50 cm-300 cm

#### **OPERATING RANGE**

50 cm-300 cm

#### **OPERATING ENVIRONMENT**

Surface with clear pattern and adequate lighting (Lux > 15)

### Remote

### Controller

#### **OPERATING FREQUENCY**

2.400 GHz-2.483 GHz

**MAX DISTANCE**

2000m (outdoors and unobstructed)

**VIDEO OUTPUT PORT**

USB

**OPERATING TEMPERATURE**

0°C- 40°C

**BATTERY**

6000 mAh LiPo 2S

**MOBILE DEVICE HOLDER**

For tablet or phone

**RECEIVER SENSITIVITY (1%PER)**

-101 dBm ±2 dBm

**TRANSMITTER POWER (EIRP)**

- FCC: 20 dBm
- CE: 16 dBm

**WORKING VOLTAGE**

1.2 A @7.4 V

**VOLTAGE**

17.4 V

**RATED POWER**

Battery  
Charger

**Phantom 3 Professional**

- 100 W

**Phantom 3 Advanced**

- 57 W

**CAPACITY**

Intelligent  
Flight Battery

4480 mAh

**VOLTAGE**

15.2 V

## **BATTERY TYPE**

LiPo 4S

## **ENERGY**

68 Wh

## **NET WEIGHT**

365 g

## **MAX FLIGHT TIME**

Approximately 23 minutes

## **OPERATING TEMPERATURE**

-10°C to 40°C

## **MAX CHARGING POWER**

100 W

## **MOBILE APP**

DJI GO

## **EIRP**

100mW

## **POWER SPECTRAL DENSITY**

6.9mW/MHz

## **LIVE VIEW WORKING FREQUENCY**

2.4GHz ISM

## **LIVE VIEW QUALITY**

720P @ 30fps (depending on conditions and mobile device)

## **LATENCY**

220ms (depending on conditions and mobile device)

## **REQUIRED OPERATING SYSTEMS**

- iOS 8.0 or later
- Android 4.1.2 or later

## **RECOMMENDED DEVICES**

- iOS: iPhone 5s, iPhone 6, iPhone 6 Plus, 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, and iPad mini 3 Wi-Fi + Cellular. This app is optimized for iPhone 5s,

App / Live  
View

iPhone 6, and iPhone 6 Plus

- Android: Samsung tabs 705c, Samsung S6, Samsung S5, Samsung NOTE4, Samsung NOTE3, Google Nexus 9, Google Nexus 7 II, Ascend Mate7, Nubia Z7 mini, SONY Z3 EXPERIA, MI 3, MI PAD

\*Support for additional Android devices available as testing and development continues.