

## Supported Camera Dimensions



## General

### Built-In Functions

Three Operation Modes

- Underslung Mode
- Upright Mode
- Briefcase Mode

Built-in independent IMU module

DJI Specialized Gimbal Drive Motors with Encoders

Bluetooth Module

USB Connection

2.4GHz Receiver

Temperature Sensor

DJI Advanced 32-Bit DSP Processor

D-Bus/PPM Receiver Supported

## Peripheral

### Accessory Power Connections

12V regulated P-Tap x 2, USB 500mW x 1, DJI Lightbridge x 1

### GCU Input Power

4S Ronin Battery

### Connections

2.4GHz Remote Control, Bluetooth, USB

### PC Assistant Software Requirements

Windows XP SP3; Windows 7; Windows 8 (32 or 64 bit)

### Mobile Assistant Software Requirements

iOS version 6.1 or above Mobile Device iPhone 4s, iPhone 5, iPhone 5s, iPod touch 5 , iPad 3, iPad 4, iPad mini

## Mechanical & Electrical

### Working Current

Static current: 300mA (@16V)

Dynamic current: 600mA (@16V)

Locked motor current: Max 10A (@16V)

### Operating Temperature

-15°C ~ 50°C (5°F ~ 120°F)

### Weight

4.20kg (9.26lbs) fully loaded with handlebar

### Gimbal Dimensions

620mm(W) x 280-380mm (D)x 500mm(H)

### Supported Camera Dimensions

Maximum depth at center of mass on camera base plate: 140mm

Maximum height measured from top of camera base plate: 225mm

Maximum width: 195mm

## Characteristics

## Working Performance

### **Load Weight (Reference Value)**

7.25kg (16lbs)

### **Controlled Angle Accuracy**

0.02°

### **Maximum Controlled Rotation Speed**

Pan axis: 90°/sec

Tilt axis: 100°/sec

Roll axis: 30° /sec

### **Controlled Rotation Range**

Pan axis control: 360°

Tilt axis control: Up 45° to Down 120°

Roll axis control: ± 25°