



**Dromida Ominus FPV**

**DROMIDA™**

## Dromida Ominus FPV



### SUMMARY:

- The Dromida Ominus is a mid-sized quadcopter. The Ominus quad has a sleek design that makes it unique and eye-catching. It comes complete with a fully assembled ready-to-fly (RTF) aircraft, remote control transmitter, rechargeable battery, USB charger, a set of extra propeller blades plus four AAA batteries for the transmitter.
- The Ominus Drone is available in four distinct colors: red, blue, yellow, and green.
- The three-axis gyroscope and three-axis accelerometers keeps the Ominus stable as it flies.
- Hobico claims that the design is so strong that it is almost impossible to break. According that, so crash it, hit, bang it, and chances are that it will survive. The four rubber feet under each of the motor mounts help to absorb some of the impact from hard landings thus adding to its indestructability.
- The battery compartment is well protected underneath the body.
- There are no blade guards to protect the propellers from bending or breaking, but they seem tough enough to withstand a beginner.
- Because the quad has a gear-driven motor, the noise is slightly louder than a direct-drive system.
- The aircraft was designed with five LED lights that improve visibility in less-than-perfect conditions or for night flights. Since there is no global positioning system (GPS) on board, the LED lights are a definite must to keep a visual on the aircraft. For the beginner, the bright red LED in the rear helps with flight orientation so the Pilot knows where the Drone is flying to.
- The Drone takes one single cell LiPo 3.7V, 700mAh battery. This battery is one of the largest capacity batteries available for drones. If the battery is completely dead, it takes about 50 minutes to get a full charge. With a full battery, the average flight time is between 12 to 15 minutes. Battery comes with a USB adapter. It's possible to charge up the quadcopter from any compatible device that has a USB plug, such as a laptop or a wall charger.
- Before flying, turn on the quad and the transmitter, wait a few seconds for the gyroscope to initialize, then the Quadcopter is ready to go. The gyro and accelometer are what stabilize the quadcopter during flight. You can even fly this quadcopter upside down.
- The Transmitter uses a 2.4 GHz 4-channel frequency which has an anti-interference capability to block out noise from other devices in the immediate area. It allows the pilot to control the drone up to approximately 30 meters away. In addition to the two joysticks, there are two switches nearby. One is for performing flips, and the other is the F-mode switch (04 flight modes).
- There are four basic flight modes for the Dromida Ominus: Easy, Normal, Advanced and Expert. These can be activated using the F-mode switch. Push the switch and hold down the right stick to choose the desired mode. The easy mode is for the absolute beginner where the drone practically flies itself with minimal input from the pilot.
- Normal mode is a step above easy mode that lets the quadcopter go a little faster and maneuver a little tighter. The advanced mode is for intermediate pilots who have a grasp on how to fly, but still need some assistance periodically and benefit from the flight assistance feature.
- The expert mode gives the pilot a hundred percent control by deactivating the flight assistance feature completely. The Ominus can also do flips with one easy flick of a switch on the transmitter. Press the button, and push the right joystick in whatever direction you want it to go, and that's the direction in which it will flip.
- The 1MP Wi-Fi enabled high-definition FPV 1280 x 720 digital camera with range up to 100 meters (328 feet) depending on Wi-Fi environment.



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## Dromida Ominus FPV

### Features:

- 1MP Wi-Fi enabled high-definition FPV 1280 x 720 digital camera with range up to 100 meters (328 feet) depending on Wi-Fi environment;
- Controlled by Dromida Q200 or Q100 FHSS 2.4GHz 2-channel radio;
- Download photos and videos to either the included micro memory card (card reader is also included) or a smartphone (not included);
- Turn camera on/off, adjust brightness, replay or delete videos, edit or delete photos and manage video and photo storage-all from a smartphone;
- High intensity multi color LED lights for easy day or night tracking;
- Four Flight Modes: Easy, Normal, Advanced, Expert;
- Three axis gyro stabilization and three accelerometers for smooth and level flights indoors or outdoors;
- Performs flips at the touch of a button; Durable frame;



- Requires to downloading FPVCam app, which is free from the Apple App Store or Google Play;
  - Diagonal Length: 238 mm (9.4");
  - Weight: 120 grams (4.2oz);
- Range: 100 meters (328 feet) with unobstructed view.



**DROMIDA**



**Dimensions**  
(Dromida Ominus)



**Camera**  
(Dromida Ominus)



Control the camera with a smartphone. With the Ominus FPV, the Pilot doesn't need to buy a separate viewscreen or expensive headset to watch the flight unfold, just a smartphone and the FPVCam app. Download the app, put the smartphone into the holder (included) and have a sharply focused, first-person view of the flight. Wi-Fi-enabled Digital FPV Camera with 1280 x 720 resolution for crisp, high-definition videos and photos. Attaches with double-sided tape/removes quickly for high-energy aerobatics.



# Dromida Ominus FPV

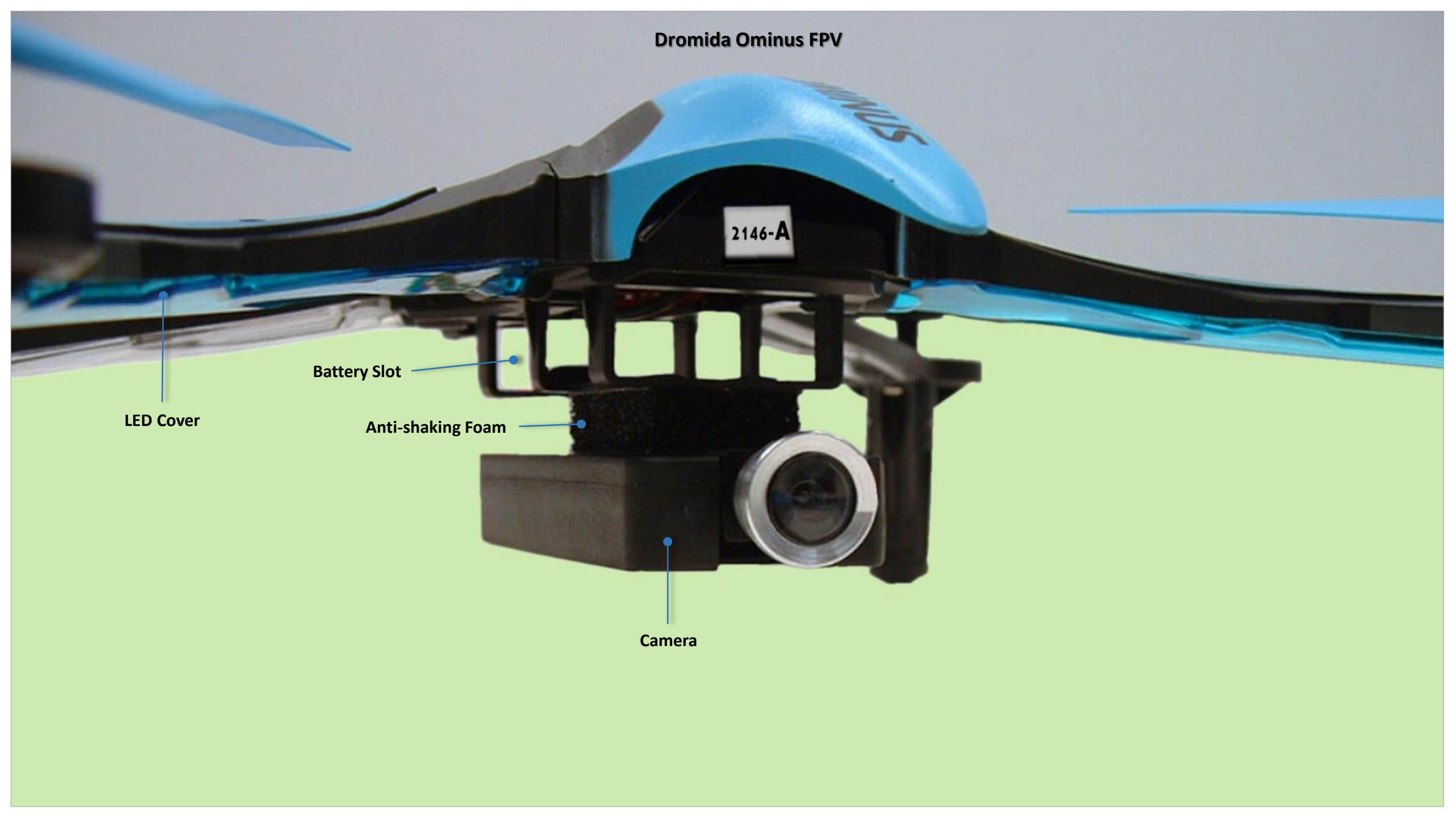
2146-A

LED Cover

Battery Slot

Anti-shaking Foam

Camera



**Transmitter Q100  
(Dromida Ominus FPV)**







Video On/  
Still Photos

Video Off

### Transmitter Q200 (Dromida Ominus FPV)



Antenna

Flight Mode  
Button

Flip Button

Throttle | Rudder  
Stick

Aileron | Elevator  
Stick

Throttle Trim

Aileron Trim

Rudder Trim

Elevator Trim

On/Off Switch

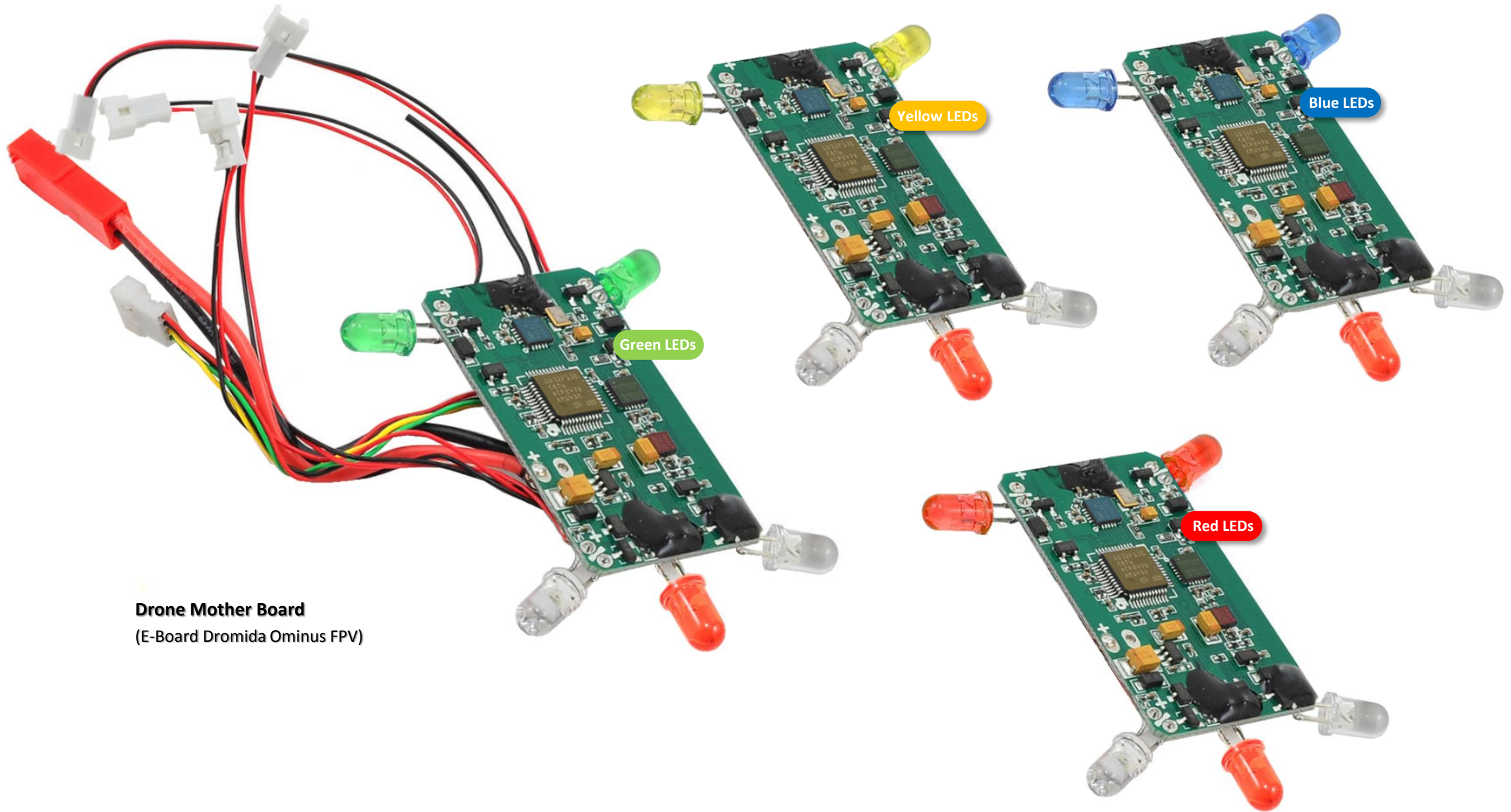
**Q200** comes with smartphone holder and removable sun shade. Holds a smartphone at the optimum viewing angle, leaving both hands free for control.



Q200 Phone Holder

Mobile Phone  
(not Included)

Transmitter Q200

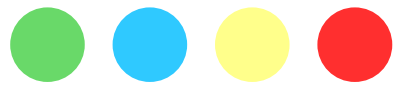
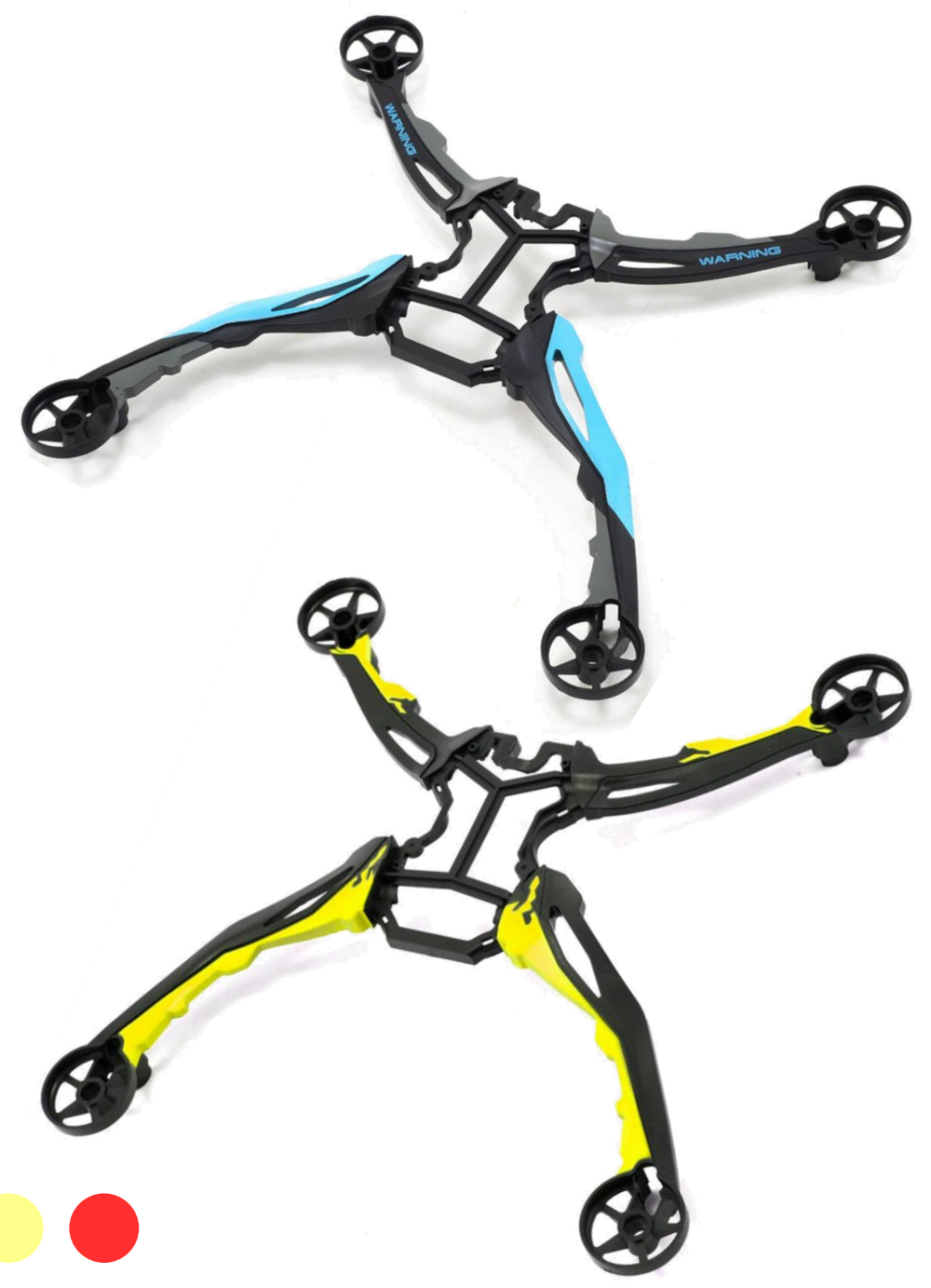
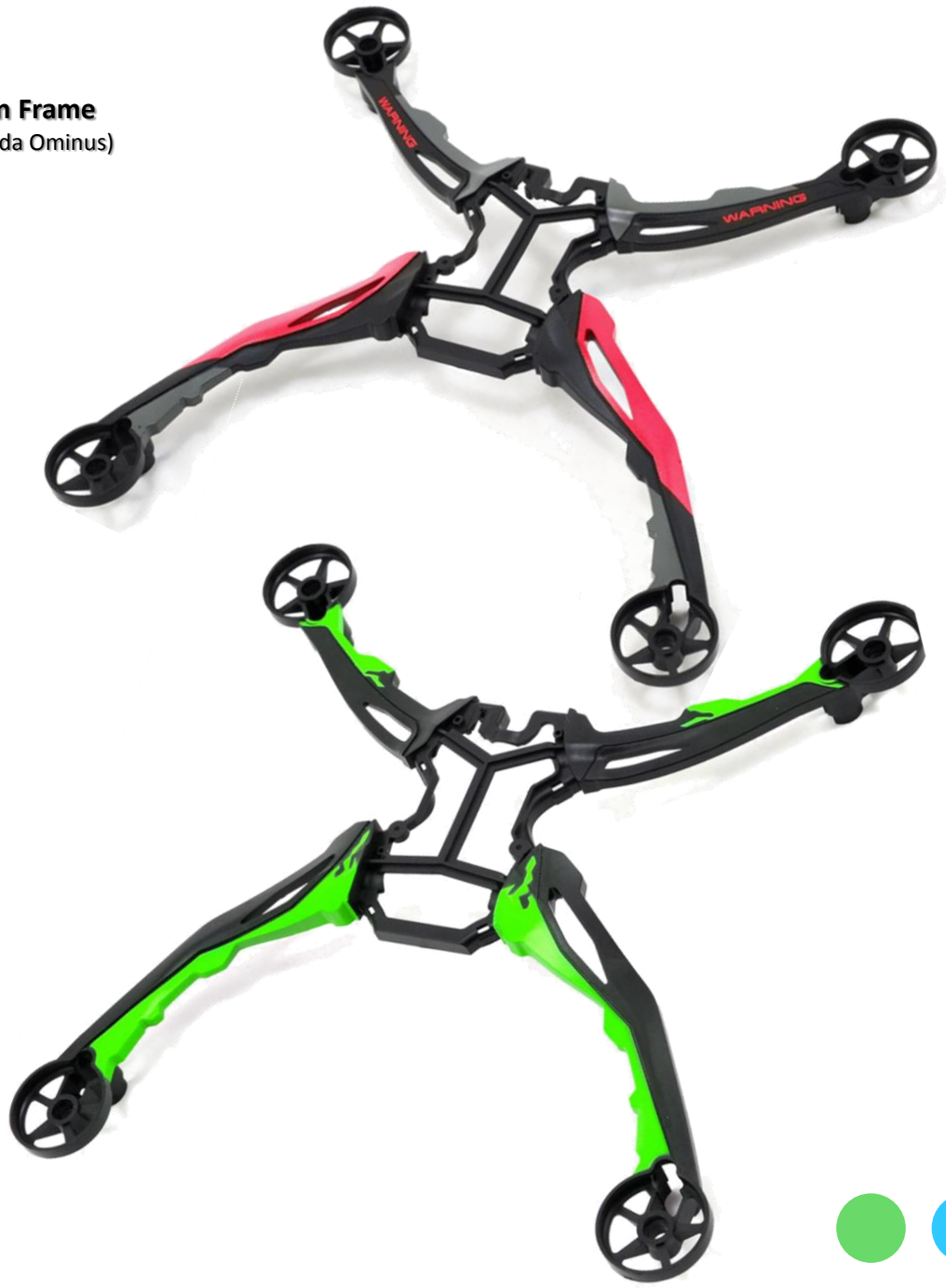


**Drone Mother Board**  
(E-Board Dromida Ominus FPV)

**Canopy**  
(Dromida Ominus)



**Main Frame**  
(Dromida Ominus)





**Propeller Sets**  
(Dromida Ominus)



Dromida Ominus Box



LiPo Battery Charger



Micro SD Card Reader



LiPo Battery, 3,7V  
700mAh, 25C, 2.6Wh

Size: 6.5 x 25 x 70.5 mm  
(0.25" x 1" x 2.75")  
Weight: 26g (0.9 oz)

**Battery Frame**  
(Dromida Ominus)



**Motor Covers**  
(Dromida Ominus)

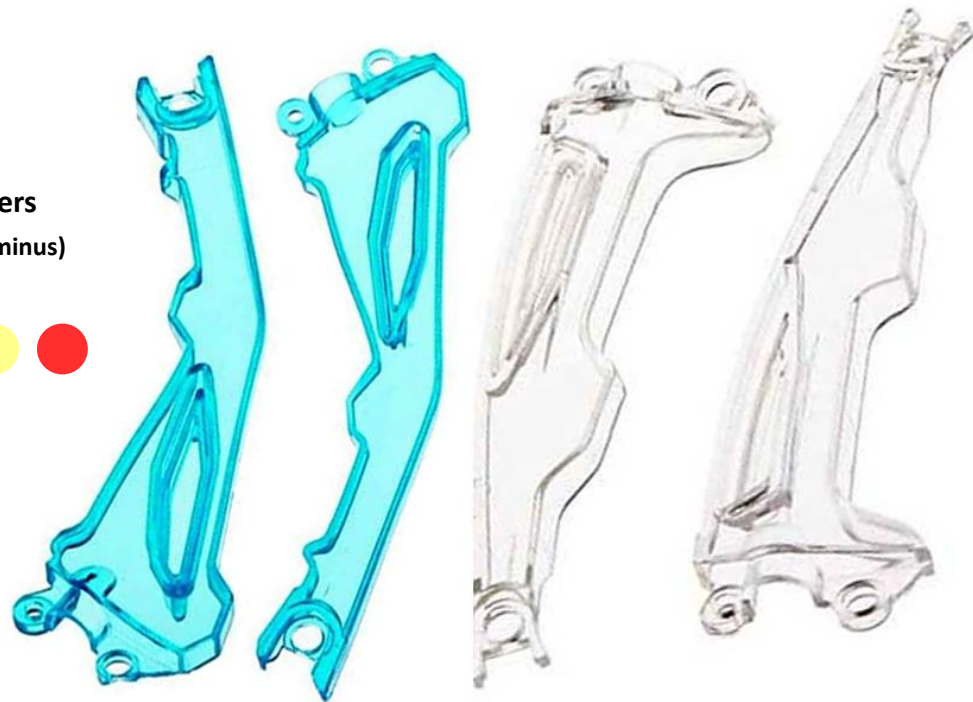


**Main Gear Shaft**

**Phone Holder  
(Dromida Ominus)**



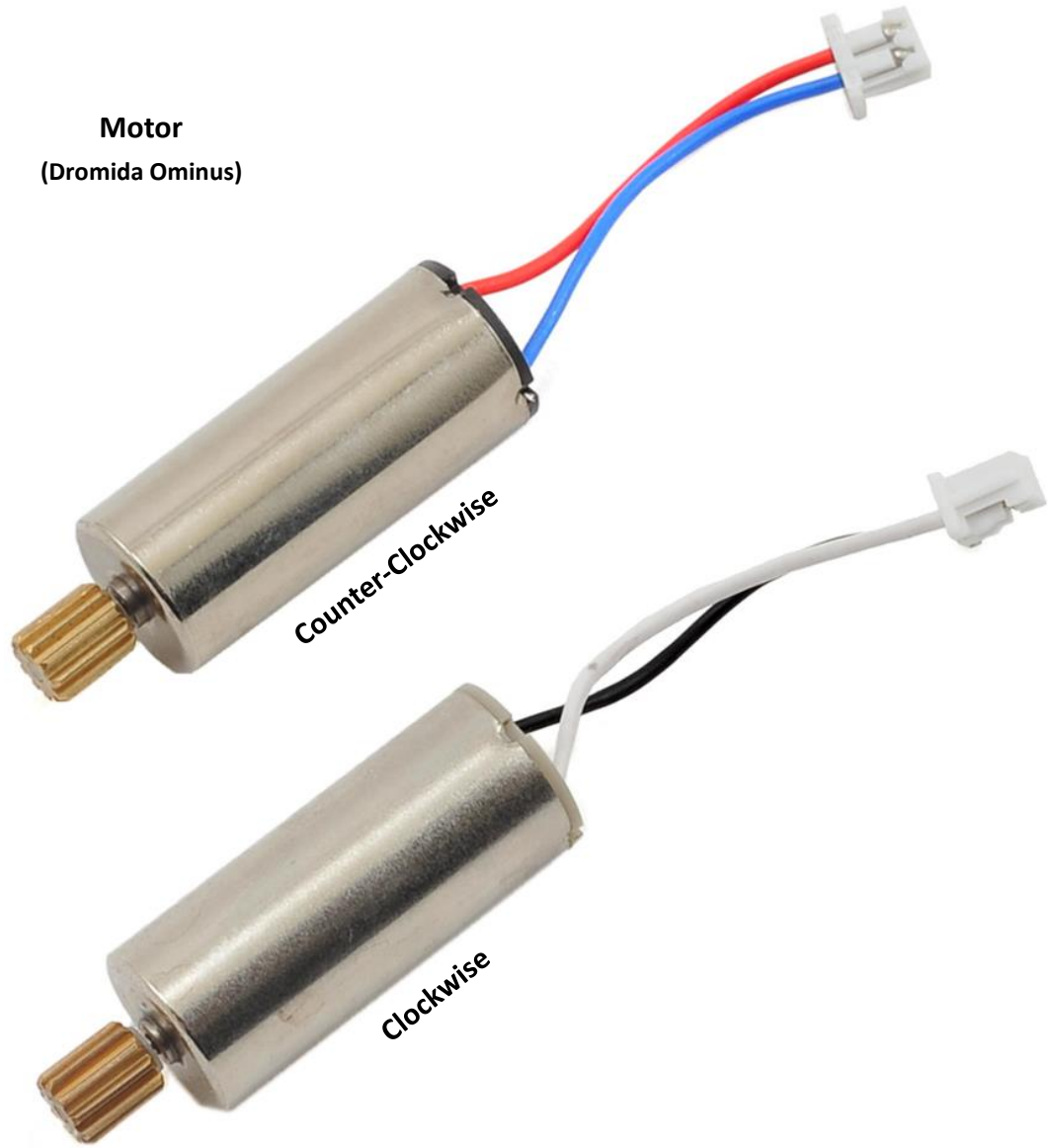
**LED Covers  
(Dromida Ominus)**



**Gear Set**



**Motor**  
(Dromida Ominus)



**Bearing Set**  
(Dromida Ominus)



**LED E-Board O-Rings**

