

Features

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| <ul style="list-style-type: none">- Safe and easy flight operations- Emergency FailSafe recovery- Flight data recording- Redundant flight control system- Redundant flight control power- Redundant Sensors for accuracy & failsafe- Multiple Fail Safe positions- Geo-Fencing- Showing limits of the flight envelope- Advanced GPS- Live Track on PC or tablet- Automatic camera compensation- 4 Mega Pixel Camera- Display trigger points on a map | <ul style="list-style-type: none">- Live video downlink to the ground- GPS flight assistance and auto-pilot- Automatic take-off and landing- Waypoints flying- Relative Waypoints- Click and Fly: single point navigation- Coming Home- Position Hold- Altitude Hold- Dynamic Position Hold- Position Save- Long distance Way points flying- Advanced 32-bit ARM central processors- State-of-the-art motors- Long flight times |
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Specifications (2200mm Octocopter)

- **Flight time: 65 minutes**
- **Flight time with 7Kg payload & Battery: 40 minutes**
- **Range: 8 Km (LoS)**
- **Max Speed: 60Km/h**
- **Max payload: 10 Kg (Apart from Battery Weight)**
- **Max Altitude: user adjustable up to 1000m**
- **Motors: 170kV**
- **Propellers: 29" Diameter 9.5" pitch (Quick Attach Detach), Carbon Fiber**
Flight Controller: ARM based Pixhawk 2.1
- **Communication: 5.8G Video Transmission (Digital) (10Km Range LoS) , 2.4G**
- **Transmitter Control, 433Mhz/915Mhz/RF900 Telemetry**
- **Weight: 8Kg without Battery, Camera, Gimbal & Payload**
- **Flight Battery: 46,000 Mah 22.2v Rechargeable Lithium Ion Battery (4.2 Kg)**
- **Gimbal: 3-axis stabilization with Pan Tilt control**
- **Camera: 2.0MP Camera, 33x Optical Zoom, 1920×1080 Resolution, WDR, DNR, High Speed Focus, IP Camera**