



VFLYX Series 1

Multi-Purpose Customised Drone



HIGHLIGHTS



Easy to Deploy and Use



Autonomous Operation



High Endurance



Light-weight, Modular Design



Aesthetically Designed

APPLICATIONS



Long range
Aerial Surveillance



Inspection
Applications



Law
Enforcement



Research and
Survey



Crowd
Management



Disaster
Management



Coastal
Patrol

Specifications

Drone : FLYX Series 1

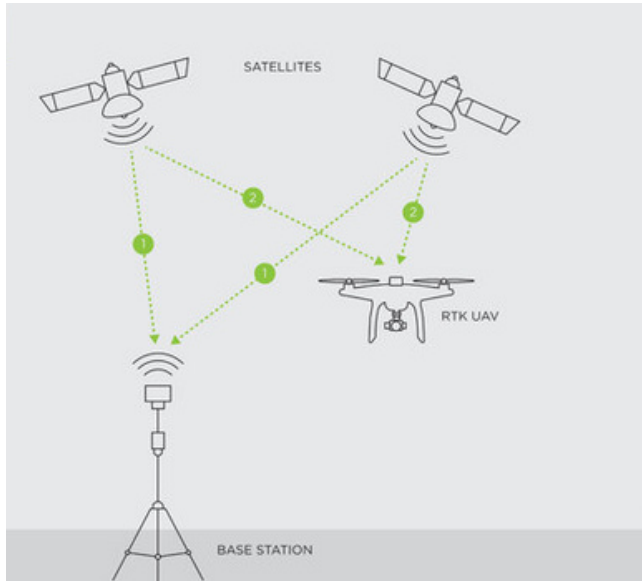
Endurance	Up to 40 mins
Range (LoS)	Up to 8 km
Vehicle Empty Weight	< 3 kg
Maximum Payload	800 g
Wind Resistance	Up to 36 km/h
Vehicle Type	Quadrotor
Dimension	750mm Rotor to Rotor
Ingress Protection	Dust and Water Resistance
Operation Modes	Full-autonomous, Semi-autonomous, and Manual
Fail Safety	RTH on Low Battery Alert, RTH on Signal Loss, RTH on Signal Jamming, etc.
Battery	Li-Polymer
Max Launch Altitude	Up to 3000m AMSL

Camera : Sony

Flash	Internal
Hardware Interface	Memory Stick PRO Duo, SDHC, SDXC
Standing screen display size	3 Inches
Display Type	LCD
Image Stabilization	1484872031
Has Image Stabilisation	Yes
Optical Zoom	3 x
Digital Zoom	2
Max Resolution	20.1 MP
Optical Sensor Resolution	20.1 MP

Add-on Features

1. RTK GNSS SET - Rover, Base & Connector



- Centimeter-level GNSS positioning for the mass market
- Integrated Real Time Kinematics (RTK) for fast time-to-market
- Smallest, lightest, and energy-efficient RTK module
- Complete and versatile solution due to base and rover variants
- Breakaway mount
- 4 compass options (Alpha testers only)
- MPU9250 IMU (for future Breakaway detection and compensation)
- MS5611 Barometer
- 6CM Ground plane

2. NPNT Compliance

3. Lidar Lense

4. Smart Controller



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