The Most Efficient Multirotor in the World

The G2 is an advanced UAV System that provides real-time day and night video stream via Ground Control Station. Complete autonomous operation with long endurance and low weight make the G2 the best cost-efficient solution. The special frame configuration is ideal for quick deployment & turnaround time as well as for covert surveillance and high payload stability.

- **Endurance**: 80 min
- **Range**: 4 km
- **Takeoff weight**: 4 kg
- **Max wind**: 15 knots
- **Covert Altitude**: 150 m
General Features

• Simple, compact, lightweight & modular design
• Ruggedized, dust and rain proof
• 1-2 personnel required for rapid deployment
• Designed for ISTAR missions

System Components

Aerial: 1 quad copter
  2 rechargeable batteries
  Dual day & night camera
GCS: 10” ruggedized touch screen computer
  Operation console with joysticks and controllers
  1 charger kit

Transportation

1 rugged suitcase / backpack

Endurance

Up to 80 min*(with colibri camera)

Range

Up to 4 km LOS

Weight

4 Kg TOW.

Dimensions

60 cm x 60 cm x 30 cm

Wind Limit

15 knots / 28 Km/h max.

Operating Altitude

100 ft. - 1000 ft. / 30 m – 300 m AGL

Operating Temperature

-10°C to +50°C / -50°F to +122°F

Storage Temperature

-15°C to +60°C / -60°F to +140°F

Battery

LiPo, 24V

Battery Charger

Option by Car and std. socket 220V/110V

Propulsion System

4 electric motors and propellers

Communication

Data uplink, telemetry and video downlink

Programmed Flight Modes

• Pre-programmed flight capability. Multiple flight plan & waypoint storage, ‘Manual Override’ option.
  • In case of emergency / No comm. - automatic GO HOME mode.

Payload

Dual day & night. Real time high quality video.

Sensor Stabilization

2 axis mechanical gimbal & software stabilization

Resolution

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<tr>
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Technical Literature

Operational manual
  O-level maintenance manual
  Optional training package*

Warranty

12 month for manufacture malfunction.

*Does not include: operator mistake, faulty maintains, deviation from manuals and training instructions.

*Above sea level-depends on mission profile