

Leptron RDASS™ 1000 Multi-Rotor UAV



BENEFITS

All-in-one hard shell case contains all the elements needed to fly HD stabilized video and cameras. The system is designed for industrial use with a maximum flight time and a minimum of flight experience necessary. The system has a built in autopilot and GPS based navigation with a simple drag and drop user interface. The system is ready for flight in less than 3 minutes and flies in harsh weather conditions in order to get the job done.

FEATURES

- **Full Autopilot:** Dual Flight Mode with wireless hand-held and/or GPS based ground station
- **Safety:** Lost communication, low battery and other automated landing functions
- **Payload:** 1.7 lbs. (0.77 kg)
- **Wind:** 35 MPH MFG recommended for optimal video output (tested up to 45 MPH)
- **High Performance:** Multi-layer carbon fiber, aircraft aluminum and ABS plastic
- **Ready-to-Fly:** No assembly or disassembly to unpack and fly
- **Ultimate Mobility:** Single case for RDASS, batteries, radio, 12" LCD and charger
- **Video:** Gyro stabilized camera with real time video up to 1080p with daylight readable 12" LCD

OPTIONAL PACKAGES

- **Photo Processing:** Ortho-rectified stitching, digital elevation maps, digital surface maps and 3D mapping
- **Ground Station Package:** Drag and drop GPS based software with hardware for automated flights
- **Custom Cameras:** FLIR, Multi-Spectral, Color Infrared and HD Camera zoom packages
- **Payloads:** Chemical sensors, radiological sensors and specialty combination packages

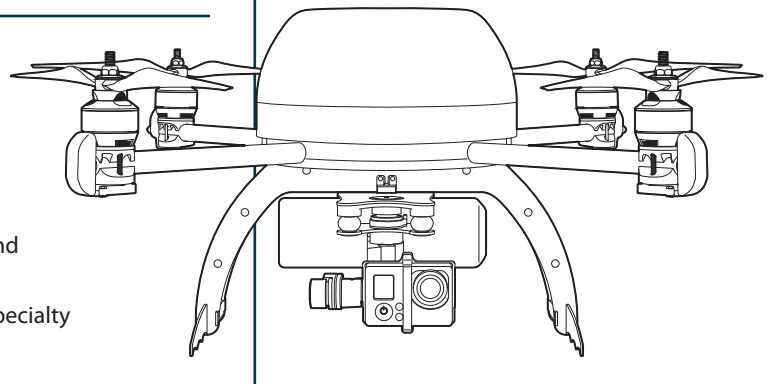
Patent # 8,774,982



Leptron RDASS™ 1000 with GoPro Camera Package



Leptron RDASS™ 1000 with RedEdge Multispectral Camera



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Leptron RDASS™ 1000

Multi-Rotor UAV

SPECIFICATIONS

Main Rotor(s) Diameter	11 in.
Width x Length	27.5" x 27.5"
Weight	4.2 lbs. dry
Engine Power	4 electric brushless
Communications	L, S and C Bands, Un-Encrypted Digital
Full Featured Autopilot	Ground station with GPS waypoints, auto takeoff/landing, multi/single waypoints, altitude, velocity, heading, automated battery landing, flight .
Fast Response	In the air in less than 3 minutes
Durability	Made from Quasi-Isotropic Carbon Fiber
Flexible Camera Configurations	HD video, FLIR, with wireless payload management for pan, tilt
Maintenance	Easy field service and optional expedited part replacement
Training & Support	<ul style="list-style-type: none">• Instrument Level• Commercial Level• Certified Mechanic Training• FAA Safety

*Please observe local regulations.

WHAT IS IN THE KIT

- RDASS™ + Autopilot
- Wireless Remote Control
- HD Camera +64 Gg
- Tools
- Battery Charger
- Hard Case
- 2 Flight Batteries
- 12" Carbon fiber daylight readable LCD
- Gyro Stabilized Gimbal
- Spare blades
- Voltage Tester
- Tripod



**RDASS™ Flight Kit
All-In-1 Case**



iPad Ground Station



Stabilized HD Video



Real Time Video

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