

LIVESKY



AERIAL MONITORING SOLUTION ... PERFECT FOR

- **Short or long-term Live broadcast or surveillance applications**
- **Sporting events, concerts, crowd management**
- **Security, disaster, construction, infrastructure assessment**

Hoverfly LiveSky™ is an effective aerial video solution for real-time monitoring applications.

With simple push button controls to launch, land, and move the craft up or down, LiveSky does not require a pilot and can be rapidly deployed and operated by any trained person.

Using AC power, LiveSky uses the tether for power and mooring. Cameras and sensors can be elevated up to the tether limit and rotate 360 degrees offering a superior vantage point to observe, record, or investigate events.

General

- Ruggedized quadcopter with ground power kit with enclosure
- AC powered tether system for very long times aloft
- Wide-area coverage with standard tether height of 150 feet
- Full 1080p 60fps HD video with encrypted transmission
- 360 degree craft/camera rotation, PTZ w/10x optical zoom
- Brushless stabilized gimbal for reduced viewing fatigue
- Handheld wireless remote control • Easy to transport, easy to setup, quick to deploy
- Vehicle mounting and "follow me" mode available
- Weather proof enclosure for temporary or permanent installation

Enhanced Safety

- Advanced flight control technology with auto takeoff/landing
- Backup battery for emergency landing in case of power loss
- Continuous in-flight diagnostics and monitoring
- Vented design for cool operation of electronics
- Impact resistant canopy, ruggedized carbon and ABS construction

Tether Powered UAV

Specifications

Weight (Craft): 5 lbs (2.2kg)

Size (Craft): 52cm x 52cm x 22cm

Weight (Basic Kit): 26kg

Size (Basic Kit): 95.2 x 68.9 x 36.5 cm

Altitude: 150 ft (45m) tether, other lengths available

Power: 120VAC, 10A, 12VDC available

Construction: Ruggedized carbon and ABS

Camera Payloads / Live Video

Camera payloads: GoPro Hero3+ or Full HD Camera w/10x Optical Zoom

Payload weight: 2.2 lbs (1kg)

Video Resolution: 1080p, 60fps real-time (<2ms latency)

Wireless HD Video: Uncompressed 4:2:2 1920 x1080 10-bit video 256-bit encryption at 5.8 GHz

Communications

Craft: 2.4 GHz or Tether

Wireless Handheld Remote Controller

System Options

- Weather Proof Enclosure
- Follow Me API
- Tablet and PC Control also available

Sensor Options

- IR Thermal Imaging Camera
- Thermal Imager FLIR
- Tetracam Multispectral Imaging Camera

