

SkyFusion Pak

Comprehensive aerial intelligence solution

SkyFusion Pak is the most cost-effective and advanced turnkey solution for real-time aerial intelligence for a broad range of applications.



Strut mount shown. Belly mount available.

Combining ease of use with sophisticated features usually reserved for more expensive solutions, SkyFusion Pak is a breakthrough in value, usability, portability and functionality for aerial digital imaging.

- Installs in less than two hours
- Intuitive, common sense user interface
- Real-time image and video streaming via satellite or 3G network
- Automated analytics/reporting providing telemetry and geo-spatial data with 3D map overlays

Applications

A comprehensive, turnkey system, SkyFusion Pak is designed for mission-critical and technically-demanding airborne digital surveillance applications including:

- Border patrol
- Search and rescue
- Oil spill monitoring and analysis
- Traffic monitoring
- Law enforcement
- Gas and oil pipeline inspection
- Infrastructure inspection
- Crisis response, mitigation and mobilization
- Facility and property management
- Wildlife, conservation and environmental monitoring

Field-proven and convenient

Small, lightweight and portable, the SkyFusion Pak can be deployed quickly and installed easily in the field on multiple aerial platforms. The system can be configured to meet your unique needs with optional components and technologies, such as still and video cameras, enabling both visible and infrared imaging.

SkyFusion Pak

The digital solution for today's environment

SkyFusion Pak is the most cost-effective and advanced turnkey solution for aerial intelligence in a broad range of applications. Combining ease of use with sophisticated features, SkyFusion Pak is a breakthrough in value and functionality

Share images

View images as standard JPEG pictures or overlaid on Google Earth.

- Transfer images via Iridium data connection during flight.
- Send real-time images and telemetry data to multiple recipients on the ground.
- Ground personnel can analyze events in real time.

Aircraft location

Data includes date and time stamp, distance between camera and target object, aircraft GPS coordinates and altitude.

Track moving objects

One-click object tracking allows tracking of moving objects*

- Simple pen-enabled one-click tracking makes tracking moving objects a breeze.

Image location data

Includes ground elevation, satellite signal precision, horizontal and vertical field of view.

Directions

Easily obtain directions to and from object location.

Field of view indicator

Image location information



Aircraft location information

*Requires optional Tracker plug-in software

Intuitive user interface

Makes it easy to change view, map orientation or map layer with a click of the button.

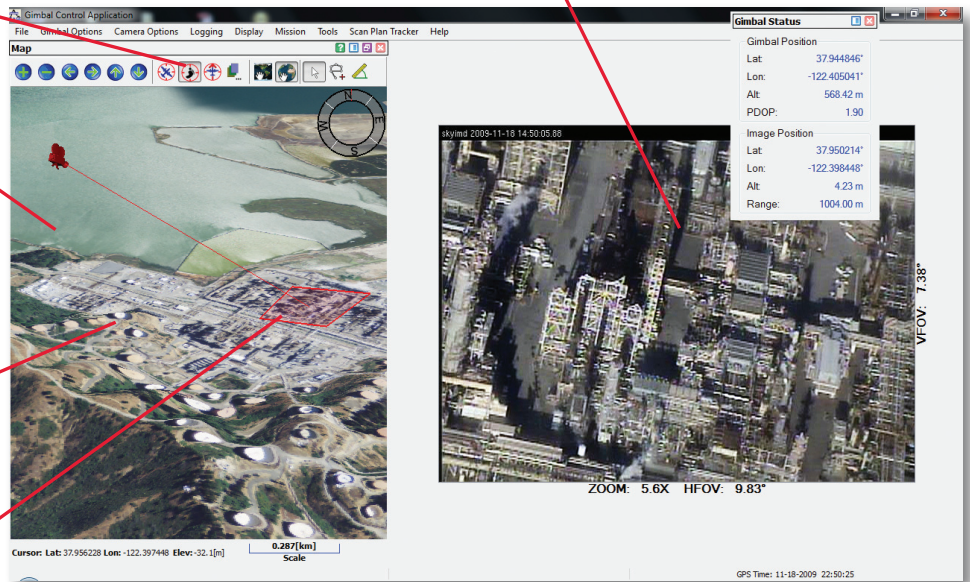
Camera location indicator

Switchable map layers

3D moving map depicts real-time camera position and field of view with terrain elevation.

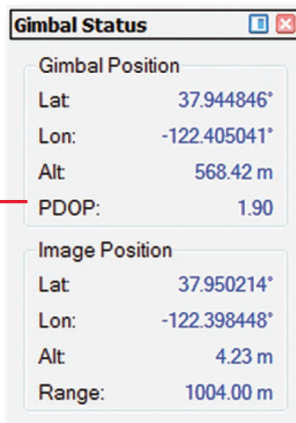
Field of view indicator

Live video of field of view



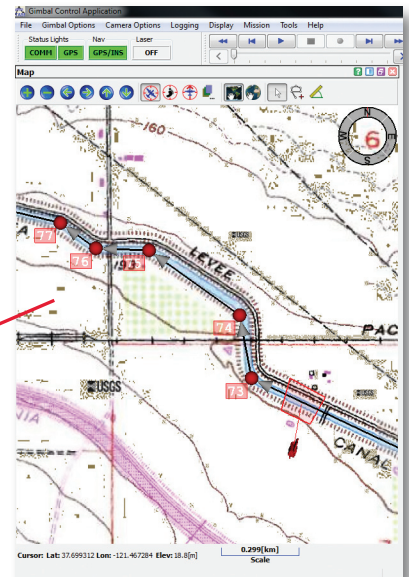
Gimbal Status Screen

Display status information at the click of a mouse including GPS coordinates, range and elevation of target and altitude.



Automated path tracking

Camera follows a pre-programmed path of user created waypoints. Track borders, rivers, pipelines. Establish grid patterns for surveillance.



SkyFusion Pak

The intelligent choice

SkyFusion Pak ensures your ability to most effectively plan, execute and analyze your mission.

Pre-flight operations

- Plan multiple missions in advance
- Pre-define target object path using multiple GPS coordinates
- Pre-define Sensor Point of Interest (SPOI) using separate GPS coordinates

In-flight operations

- Intuitive joystick controls and tablet-enabled features
- Real-time video display of area being surveyed
- 3D moving map enables real-time camera position and field of view
- Switchable map layers include satellite, topographic, 2D and 3D views
- One-click object tracking allows tracking of moving objects*
- One-click scene tracking allows locking camera on a scene*
- Manual or Automatic control of camera
- Switch target paths or point of interest objects quickly
- Display status information at the click of a mouse, including GPS coordinates, range and elevation of target and altitude
- Switch seamlessly between multiple cameras
- Record images with complete telemetry data, time and date stamp for real-time distribution and analysis
 - Transfer images via Iridium data connection
 - View images as standard JPEG pictures or overlaid on Google Earth
 - Automatically send files to multiple email addresses

Post-flight operations

- Compare or review image data with previously captured content
- Easy data management and archiving
- Generate .AVI video of selected image data for portability and sharing
- Replay all visual information obtained during flight, including moving map and telemetry data
- Frame by frame review of aerial intelligence providing complete analysis, reporting and documentation

Sourcing SkyFusion Pak

SkyFusion Pak is available from SkyIMD and from authorized systems integrators. To inquire about our authorization program or to request a quote, contact us at info@SkyIMD.com or visit www.SkyIMD.com

*Requires optional Tracker software plug-in

The leading innovator in aerial intelligence

SkyIMD is a provider of innovative solutions for aerial intelligence. We are committed to providing advanced solutions that are affordable and easy to deploy and operate.



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