SCOUT **Micro-UAV**

aeryon
labs inc.

Aerial Intelligence in the Palm of Your Hand

The Aeryon Scout™ is a small, easy-to-operate aerial vehicle that records and transmits high-quality images and video or other data

Anyone Can Fly

Autonomous capabilities and simple point-and-click navigation and camera controls make it possible for anyone to fly the Scout™ with only a few minutes of training.

Advanced fly-safe features and automated flight planning software allow the operator to focus on the task at hand.

Fly Anywhere, Anytime

The Scout operates reliably in the most demanding weather and wind conditions – when other systems simply cannot fly:

» Sustained winds up to 50km/h (gusts to 80km/h)
» Ruggedized and weather sealed, operating temperatures from -30 °C to +50 °C
» Beyond line-of-sight 3KM range, up to 25 minute flight time with payload

Airborne in seconds - weighing less than 3lbs, the entire Scout system fits easily into a small case or backpack and snaps together without tools.

Hot-swappable Payloads

Integrated stabilized imaging payloads switch in seconds and are designed for all-weather environments.

Photo3S™ - 3-Axis Stabilized High-Res Still Images

VideoZoom10X™ - 10x Optical Zoom Video

Thermal FLIR - Thermal Infrared Video

Custom payloads are also available for specialized imaging and other sensing applications.
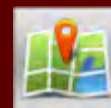
Additional Features

Smart Imagery
Embedded geotags and metadata enable sharing live target location, or image post-processing into stitched images, 3D models, and more.

All-Digital Network
Simultaneously stream video to multiple devices. Encryption protects against hacking, snooping, and interception.

AutoGrid™ Flight Plan
Create automated flight plans on-the-fly to generate extremely detailed cm/px image mosaics and maps, or monitor an area or perimeter.

Automatic FollowMe™
Escort or follow a person or vehicle to maintain continuous visual observation of the subject and surrounding terrain or infrastructure.

Visit www.aeryon.com for more details

MILITARY

Man-packable and immediately deployable for over-the-hill aerial intelligence in any environment, the all-digital Scout system brings secure and simultaneous tactical situational awareness to both ground forces and remote command. Advanced autonomous capabilities and simple touchscreen controls require minimal training for soldier, squad, or platoon level deployment. Unlike fixed-wing UAVs, Vertical Take-Off and Landing (VTOL) flight requires no launch equipment, enables fixed hover for precise observation, and facilitates low-risk retrieval on land or ship - its small size and extremely quiet operation are also ideal for covert operations. Sample applications include:

- Covert Reconnaissance & Surveillance
- Tactical Awareness & Targeting
- Perimeter & Convoy Security
- Anti-Piracy
- De-Mining
- Disaster Response

PUBLIC SAFETY

The Scout provides an immediate eye in the sky for law, fire and emergency management personnel. Any first responder can have the Scout airborne in seconds - no waiting for aircraft support or trained remote-control specialists. Automated features and fly-safe controls also reduce reliance on operator skill and minimize risk. Sample applications include:

Law Enforcement
- Intelligence & Evidence Gathering
- Suspect or Missing Persons Search
- Traffic & Crowd Control
- Event & VIP Security
- Crime or Accident Investigation
- Tactical Operations (Raid, Barricade, Hostage)

Fire & Emergency Management
- Search & Rescue
- Fire Control & Damage Assessment
- HAZMAT/CBRNE Management
- Emergency & Disaster Response

INDUSTRIAL & COMMERCIAL

For commercial and industrial users the Scout is faster, cheaper, safer, and more accurate for collecting aerial imagery than conventional alternatives including satellites, planes or helicopters – and is the most reliable and easy-to-use small UAV system available. The Scout is used in a wide range of industries, and can be used by multiple departments within a single organization. Sample applications include:

- Infrastructure Inspection
- Orthorectified Image Mosaics & Maps
- 3D Models & Volumetric Analysis
- Precision Agriculture
- Gas Leak Detection
- Environmental & Wildlife Monitoring
- Photography & Broadcast Media
- Construction Site Planning & Monitoring
- Site and Infrastructure Security
- Forestry Management