

Dear Electric Utility, Surveillance, and IR/UVc Professional.

We at EKLUND INFRARED/Eklund Innovation Inc. are pleased to present the latest **Explore 300 HDIR High Quality Airborne Active Gyro Stabilized Gimbal Camera System** by SweSystem.

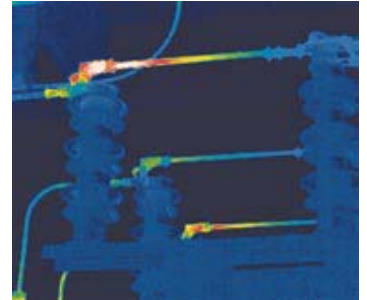
This excellent package can be installed in most helicopters available, MD 500, MD 600, Bell 407, Bell 206 and Eurocopter etc. It provides for high resolution calibrated thermal imaging at a modest price. Please see the attached PDF specification sheet.



### **300 HDIR - A Long Wave Radiometric System.**

The **Explore 300 HDIR** is a 4-axis active Gyro Stabilized camera system. It employs a **Calibrated High Resolution LW Thermal Infrared Camera and a TV Video Camera**. It is an Infrared/visible Airborne Inspection System with Radiometric capability. The LW IR Camera minimizes solar reflections!

The 300 HDIR is ideal for fast basic or comprehensive **Power Line Inspection** (including substations) where bad or corroded connections will show up as a temperature increases due to resistive heating. This could even cause a line drop.



Use it in other applications such as Pipeline inspection, Fire mapping and Wildlife studies to name a few.

Also available from us are the following Gimbal systems:



### ***300 HDV - Cost efficient, High Definition Broadcast System***

The **300 HDV** is 4-axis active Gyro Stabilized imaging system based on a **High Definition Broadcast Camera**. A complete Package for Newsgathering and Documentation work.



### ***300 LE I - Affordable, Small and Lightweight.***

The **300 LE I** is a Dual Sensor Imaging system offering a cost efficient imaging solution using an Uncooled **Dual-FOV LW Thermal Camera** in combination with a Daylight camera. It is Ideal for surveillance applications where both Night and Day cameras are required.



### ***300 LE II - Compact and High End.***

The **300 LE II** is a 4 axis active Gyro Stabilized Imaging system. This unit uses A High Resolution **Cooled Dual FOV MW Thermal sensor** in combination with a powerful zoom Daylight camera. It is a perfect choice for a multitude of surveillance Missions where cutting edge IR and TV sensor technology is required.



### ***400 LE I - High End, Multiple Sensor System.***

The **400 LE I** is designed for demanding Surveillance applications, where multiple sensor technology might be required. Standard sensors offer **High resolution Cooled MW Thermal imaging** in combination with **High Definition TV**. It uses a **multiple FOV IR Camera** (Wide FOV 22°, Medium FOV 7°, Narrow FOV 1.7°) and a powerful **HD TV Zoom** for ease in distinguishing targets.



### ***Multi Sensor Inspection System***

The **Explore 400 Triple** is a unique Triple sensor solution for Airborne Inspection. It has all the benefits of a Long Wave Radiometric **Thermal IR Camera**, combined with a **Solar-Blind Bi-Spectral UVc Corona** and Arcing Detection Camera and a **High Definition Video Camera**. The **400 triple** is ideal for demanding Inspection work, such as **Power line inspection**, Fire mapping and Environmental studies.



### ***400 HDV- 5-axis, High Definition System***

The Swesystem **400 HDV** offers a unique High End solution for the **Broadcast Industry** using Professional Broadcast Cameras and up to **5-axis** stabilization.

**Please contact us for more information on the above systems. We can supply Gimbals with special adaptations of the payload. Call Jan or Monica!**

Sincerely Yours,  
EKLUND INFRARED/Eklund Innovation Inc.  
Your UV Camera Specialists™  
2985 Gordy Parkway, Marietta, GA 30066  
Voice: 770-578-4435. Fax: 770-578-9899  
Email: [info@EklundIR.com](mailto:info@EklundIR.com). Website: [www.eklundir.com](http://www.eklundir.com), [www.coronacamerarental.com](http://www.coronacamerarental.com)  
PS. We rent the DayCor® Superb™ Corona detection camera on a weekly basis!