

## Dear Surveillance, Electric Utility, Helicopter and UVc Professional.

During the last couple of years, we have sent you news about the EIR/SweSystem Gimbal Camera Systems EIR/SWE200, EIR/SWE300 and EIR/SWE400. All these systems use fully digital 4-axis active laser-gyro stabilization that compensates for the aircraft movements and vibrations. **They have better than 25 micro-Radian Gimbal stability!**

The 300 and 400 LE models have been popular with the law enforcement segments because of the quality, performance and pricing. Another plus is the availability of special modifications, customer requested camera and lens combinations etc.

**A 300LE package specially designed for police departments and currently being produced is shown to the right.**

To produce a lower cost Gimbal Camera System with Thermal Infrared Cameras and still provide high capability, this 300LE is using a combination of uncooled LWIR Thermal IR cameras plus an HD video camera with 20X optical zoom.



**Instead of using an Infrared camera with complex and expensive optical zoom, we are using two cameras in the gimbal with different lenses: 25mm (8° x 6° FOV) and 100 mm (34° x 25° FOV). These cameras now have 640x480 pixel resolution and high sensitivity. This means that you can display both images at the same time or have them switched from wide to telephoto.**

Dual Field Of view IR Camera Solution  
Based on 2 Xenics GOBI-640 Raven  
Detector UnCooled Microbolometer  
Spectral Range 8-14  $\mu\text{m}$   
Detector Res 640x480 pixels  
Thermal Sens. 50mK  
Lens 18mm / 75mm  
WFOV 34°(H) x 25°(V)  
NFOV 8°(H) x 6°(V)



Other IR camera-lens configurations are available. Two small Tau cameras with 25mm and 100mm lenses plus Sony FCB H11 will fit nicely.



Pictures on right: Tau Uncooled Cores with lenses for 300 LE



**The easy adaptability and ruggedness of the EIR/SweSystem Gimbal camera packages have made them popular for many special applications. The picture to the left shows an Unmanned Air Vehicle using the SWE300 gimbal for inspection of electric power lines!**

Our Gimbal cameras have been used for many years for electric utility power line inspection. The current most popular Gimbal for this application is the EIR/SWE400 Triple or the EIR/SWE 400 Quad. These units comes with a radiometrically calibrated Uncooled LWIR thermal IR camera, a DayCor® UVc 100% SolarBlind Corona Detection Camera for detection of Electrical Corona and Arcing, a Nikon D300 SLR frame camera with GPS and a Sony 1080 HD block camera

**EKLUND INFRARED/Eklund Innovation can provide you with the best and most cost-effective Gimbal system for your operation. Please let us know how we can be of help.**

*Innovation, Performance, Reliability, Excellence.*

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)