

Dear Electric Utility, Surveillance, UViGrapher and UVc Professional.

Affordable High Definition High Resolution Video and high quality stable imaging in an Airborne Gimbal System is available from EIR-SweSystem. A SweSystem 400 Gimbal is available equipped with a **Broadcast Quality High Definition** video camera and a Bispectral DayCor® Corona detection camera or an HD Radiometric Thermal IR camera. Even the smaller 300 model Gimbal can be equipped with a High Definition 1080 Sony HVR-Z5U.

The HD **Sony HVR-Z5U** video camera uses three FPA sensors for high clarity and resolution. It has a 20x optical zoom function. This makes it ideal for visual inspection of high voltage power lines when installed in a high stability SweSystem Gimbal. It is equally good for other airborne high-resolution video inspections & documentations.

The SweSystem 300 and 400 gimbals use a fully digital 4-axis active laser-gyro stabilization system that compensates for the aircraft movements and vibrations. **25 micro-Radian Gimbal stability!**



Snap shots of the HD recordings provides still camera like image quality.

The picture on the left is taken from an HD recording. This recording was made using the EIR SweSystem 400 Gen II Airborne Gimbal with Sony HVR-Z5U High Definition 20x Zoom Digital Video Camera.

20x Zoom View of tower detail.



The picture to the left shows a View of the transmission tower without using the Zoom function.

The picture to the right shows an image from the DayCor® Bispectral Corona Detection Camera part of the Gimbal. Heavy Corona is seen on the corona rings, polymer insulator is OK.



Above: Typical EIR-SweSystem Gimbal (300)



DayCor® Corona Camera with 5 degree FOV

See us at HELI-Expo 2011 in Orlando, FL March 5 through 8! Check out our latest airborne Gimbal Cameras in the SweSystem Booth 1808.

The SweSystem 400, 300 & 200 line of Gimbals are used on helicopters such as Bell Jet Ranger 206, Bell 407, MD 500, MD 600N, Eurocopter, Robinson 44 and more. The EIR-SweSystem **400HDV** is available with **Ikegami HDL-F50** or **Sony HDCP1**.

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, Jan K. Eklund, President

EKLUND INFRARED/Eklund Innovation Inc.

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