

Dear Surveillance, Electric Utility, Helicopter and UVC Professional.

Last February, at the **Heli-Expo 2012 Exhibit** in Dallas, Texas, we introduced the new **EIR/SWE 200 Gimbal Camera System** from SweSystem. This is, to our knowledge, the smallest non-military true **4-axis** laser-gyro stabilized camera platform in the world and with 25 micro-Radians stability. There is even optional **5th axis roll stabilization** available!



Thinking about the current economic situation, we thought that there could be an interest for a smaller and less expensive **High Definition Video Gimbal camera system** based upon the EIR/SWE200. **This is what we came up with: The EIR/SWE200HDV with Sony FCB H11!**

At a price of \$89,800.00 (USD) FOB Marietta, GA., this low weight system is excellent for use in helicopters or fixed wing aircraft flying pipelines, transmission lines and extended corridors of right of ways (ROW). Even the electronic news gathering (ENG) (and traffic-copters?) applications around the USA could perhaps be satisfied with an economical high stability gimbal camera with HD video and 10x optical zoom! (Added revenue stream for helicopter operators!?)

Particularly the smaller TV-stations who, with the 200HDV, now better can afford local news ENG. The 200HDV can also be a practical addition and back-up for the current more expensive units. Please see videos on our website made with the FCB H11!

Please read the following list of what is included in the EIR/SWE200HDV Package:

Basic System (TCU) Specification:

- 4-Axis active Turret
- Active Gyro Stabilization.
- Stabilization approximately 25 micro-Radians
- Azimuth Movement: Full 360 Degree Continuous
- Elevation Movement: +20 to -120 degree
- Size diameter: 200mm (8 inch)
- Weight, Approx.: 8 kg (17.7 lbs.)
- Power Requirement: 24-28VDC, < 10A

HD Camera Configuration

- SONY FCB H11** High Definition Video Camera
- Image Sensor: 1/3" CMOS sensor
 - Picture Elements: 2.000.000
 - Lens: 10x Optical zoom
- Interface: HD Component Digital Out



Interface Unit (IFU)

Power conditioning and distribution of signals
Video Overlay for Composite video.
Connections for:
Power Inlet, HCU, TCU Main, Aux Power, **GPS**,
Composite Video (with Overlay Graphics),
HD-SDI (clean)



Hand Control Unit (HCU)

Controls for TCU

- Joystick, Joystick Gain, Cage, Stow, etc.

Controls for the TV camera are integrated:
Zoom, Focus, Auto Focus, Iris, Gain etc.



Optional Recording System:

Customer owned or procured, or we can supply a Digital Video Recording Unit
Including Power supply and Cables
W/Recording onto Digital Media w/GPS

Optional Roll Stabilization:

- 5th Axis Stabilization Upgrade for Roll Compensation.
- Roll Movement: +/-20 degrees

The Tyler Side Mount is available for the Robinson R44

Our Gimbal Cameras have been in use for electric utility power line inspection for many years. The current most popular Gimbal for this application is the **EIR/SWE400 Triple** and 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 D800 36 Megapixel** SLR frame camera with **GPS** plus a Sony 1080i HD block camera. The 400's are also available without a Corona camera or with other combinations.

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

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