

Dear Electric Utility and Surveillance Professional!

**We, at EKLUND INFRARED Inc., Rent the DayCor® Superb™ 100% Bispectral Solarblind UVc Camera for Detection of Invisible Corona, Arcing and Partial Discharge.
(And other invisible UVc Sources)**

Increase your reliability by surveying substations and overhead line insulators and bushings for Corona using the EIR DayCor® Superb™ Corona Detection Camera.

When hearing Corona noise at a substation or line, use our Superb™ Corona camera to satisfy your mind with the knowledge that you have done an investigation where you either found dangerous Corona to be corrected or that the Corona was not harmful!

Prevent that next unplanned outage on your Transmission and Distribution system by planned surveying for Electrical Corona and Arcing!

Our low Corona Camera Rental Prices make it possible for any Utility or Surveillance Company to use the sensitive Superb™ Corona Camera to find and eradicate dangerous Electrical Corona before it becomes an acute risk!

Easily find dangerous Corona on contaminated Insulators and Polymer insulators before a line drop! Find Polymer Insulators with Corona because of missing, damaged or wrong size or wrong location of Corona Grading Rings! This will also save having to make costly repairs after a flash-over event.

Polymer Insulators are extremely vulnerable to Corona. Electrical Corona in combination with humidity produces **Nitric Acid** at its location on an Insulator. It will eat through the sheathing and damage the fiberglass rod, jeopardizing the structural integrity of the Insulator, and may cause a drop of the line!

Eklund Infrared Inc. is the only company in the SE USA that provide rentals or corona inspections using the Ofil® DayCor® Superb™ 100% Solarblind Corona and Arcing Detection Camera.

The DayCor Superb is the most sensitive corona detection camera of its kind, detecting corona even at a distance.

Both the UVc and the Visible channel use the same optics and optical axis for exact registration of the two overlaid images. It focuses from 8 feet to infinity with a very accurate auto focus system. No need to manually focus!

The EIR Superb™ camera has built-in digital video recording and sound as part of the camera. It records video clips and audio on a removable 2 GB SD card. The camera is easy to operate and we will provide basic operating instructions to all rentals at delivery!

The EIR Superb™ is small and lightweight and comes complete with batteries and charger and a sturdy transport case.

Please note: This Corona detection camera is at least 10 times more sensitive (1.5 pC at 8 meters, 3x10-18 Watt/cm2) than any competing camera!

This makes detection and qualification of Corona, Arcing and Partial Discharge easy and precise even at distance. Our UVc Camera can detect strong UVc sources with precision even at a 5 mile distance!

We rent the Superb™ on a monthly or weekly basis. We provide inspections on a daily or weekly basis. Please contact us for a copy of our current price list for rentals or inspections.

**EKLUND-DayCor®- Solar Blind UV Corona Detection Camera Rentals:
*Innovation, Performance, Reliability, Excellence.***

We look forward to hearing from you. Sincerely Yours,

EKLUND INFRARED/Eklund Innovation Inc., 2985 Gordy Parkway, Marietta, GA 30066.

Your UV Corona Camera Specialists™. Jan K. Eklund, President.

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