

Dear Electric Utility, Surveillance and UVc Professional.

We want you to know that we at EKLUND INFRARED/Eklund Innovation Inc., with more than 7 years experience in Solarblind UVc Corona Detection technology, have invested in the DayCor® Superb™ Corona Detection Cameras for you to use on a Rental basis.

The cameras are available for weekly or monthly rental throughout the USA. Long term rental is available. We can provide Electrical Corona and Arcing inspection at any of your facilities.

The following examples of Corona detected shows how easy the Corona camera can find Corona, Arcing, and Partial Discharge problems:

The pictures to the right shows severe corona on the insulated conductors in an indoor 38 kV substation. Insulation was being eaten away by Corona. Electrical Corona produces Ozone and Nitric Acid when in contact with the humid air. It is very corrosive. Corona should be detected and the problems corrected ASAP!



Renting a Corona Camera from us is an easy way to check for problem areas without spending money on a purchase. The Superb is easy to use with the highest Solarblind sensitivity in the field.

This picture show corona on the cold end of a bus support insulator. The insulator was found cracked at the bottom. The high stress on the bus support during high wind led to cracking. Substations need to be inspected for corona at regular intervals particularly if they are subject to high wind and insulator contamination. To prevent a flash-over situation, Corona scanning is important before and after washing. If you **hear corona**, the practical way to find out **if it is dangerous or not, is to use our Superb™ Corona Camera!**



The two pictures to the right show severe Corona on a NCI Polymer Insulator. The left picture shows the detection with medium gain of 180 and the right picture the exact location and the high Corona photon count. This insulator needs to be replaced and the replacement unit needs a corona ring! The camera gain setting goes from 0 to 250.



Let us be your supplier of your rental Corona Cameras. Rent a Corona Camera on a weekly or monthly basis when you need it. It is much less expensive than buying. Our rental prices make it easy on the budget. Find the Corona and Arcing problems before you have an unscheduled outage!

It is easy to do your own Corona inspection when you rent a Corona Camera from us. The Superb™ is easy to work with, it is 100% Solarblind and it is the most sensitive Corona detection camera in the world. Please contact us for monthly or weekly rentals.

Sincerely Yours,

EKLUND INFRARED/Eklund Innovation Inc.

Your UV Camera Specialists™

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PS. If you or your helicopter operators need a gyro stabilized Camera: IR, HD video, Corona, call us. Explore 300 & 400