

Eklund Infrared Newsletter 0713RM2.

Our DayCor® Superb™ UVc Corona Camera will see, find and locate invisible dangerous Electrical Corona, Arcing and Partial Discharge! The Ofil DayCor® Superb™ uses the 100% Solar-Blind Ofil UVc Lindner Filter!

We at EKLUND INFRARED Inc. offer rental of UVc Corona Detection Cameras. **The Superb™ Camera is excellent for Corona and Partial Discharge detection.**



The EIR Ofil Ltd DayCor® Superb™ :

- Is a very important high-tech practical tool available to the electric utility industry to help maintain and improve the electrical Grid!
- Finds and pinpoints the exact location of electrical corona, arcing, and partial discharge.

The EIR Ofil Ltd DayCor® Superb™ :

- Is a hand held portable Bi-spectral Solar Blind Corona Camera that displays the UV electrical corona discharges overlaid onto the visible video image in real-time. No time delay between the UV and visible image presentation.
- Easily finds Corona on insulators and hardware for damage evaluation.
- Is the ideal solution for cost effective and efficient predictive maintenance on Overhead Lines and Substation components!
- Excellent easy to use camera system. Perfect for detection of Corona and Arcing on Overhead Transmission lines, in Substations, on large Generator or Motor Stators and more. **Finding and correcting Corona events is protection against unplanned outages!**

We provide the EIR DayCor® Superb™ on a weekly (or longer) rental basis. Please contact us for pricing and availability. Our prices are very competitive.

Key Features:

- **100% Solarblind** for full daylight operation. **Ofil** Proprietary UVc Lindner Filter!
- The most sensitive Bi-Spectral UVc-Visible Corona Camera available.
- High speed **auto-focus** system!
- Easy one touch digital on-board color video recording onto removable SD card with included voice annotation. Integral Color Transflective Sunlight Readable LCD Display!
- Snapshot still picture recording using touch key (BMP format)
- On camera playback of video and still photos
- High sensitivity even at distance. **Better than 1.5×10^{-18} watt/cm²**
- Easy to use with ergonomic design for low effort full day use.
- UV events strength counter with digital read-out.
- Touch key Gain setting from 0 to 250.
- Digital UV Zoom.

It is proper to check Lines and Substations for Corona on, at least, a yearly basis to assure there are no dangerous issues. If you suspect or hear corona discharges, use our Superb™ Camera to pinpoint the exact location of the problem and do the qualification of the seriousness of the discharge.

Please contact us for you rental (or purchase) needs

Sincerely yours,

Jan K. Eklund

EKLUND INFRARED/Eklund Innovation Inc.

Your UV Camera Specialists™

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