Ofil Systems in Israel has been producing high level UVc Corona Cameras since 2002. We have been selling the DayCor® line in the US since the beginning. These cameras consist of the following types: DayCor®II (not made anymore), Superb™ OD and XD, Luninar HD™, UVolle™ plus the micROM HD™ shown below.

We at Eklund Infrared also rent out the DayCor® Superb™ Ultra-Sensitive UVc Corona Detection Camera on a weekly basis! Excellent for Detection of Electrical High Voltage Corona, Arcing, Partial discharge, and micro arcing.

Contaminated insulators and bushings can create havoc with delivery of our electricity! Dirty or damaged insulators are susceptible to Electrical Corona and Arcing causing flashover & downed HV overhead lines.

Inspection of Overhead lines and substations can be done easily with the DayCor® Cameras.

The DayCor® Superb™ is the most sensitive UVc camera available and has a minimum UV Corona Radiation Sensitivity of 1.5x10-18 watt/cm2. The lower the value means the higher the sensitivity!

The Minimum Discharge Detection equivalent is 1 pC (Pico Coulomb) @ 15 meters and the Minimum RIV Detection: 3.6dBμV (RIV)@1MHz @10m. Since both values actually are radio frequency receiving values, line-of-sight is required.

For helicopter High Voltage Line inspection, Rent a Tyler mount and an HD video camera from an audio –video supplier and piggy back our DayCor® Superb™ rental camera!

The DayCor® cameras use the Lindner™ Sharp Band Pass Filter to carve out the 240 to 280 nanometer band for interference free reception of the Corona Emission UV radiation

We would be happy to discuss your Corona Camera need. Please contact us for more information!

Website: www.eklundir.com   Press **Contact Us** Tab!

Sincerely,
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