

The DayCor® Superb™ is the most sensitive Solar-Blind UVc camera available and has a minimum UV Corona Radiation Sensitivity of 1.5×10^{-18} watt/cm². The lower that this value is, means that the higher is the sensitivity!



Outstanding Features

- Highest Sensitivity to Corona of any system available
- Sun Readable Transflective Color LCD
- Video Recording with Sound & Playback
- Visible & UV Zoom
- Manual and Fast Auto Focus
- Lightweight Handheld or Tripod
- Extended Battery Run Time
- Video BNC Out To External Monitor
- Touch-Key Keyboard, Ease of use



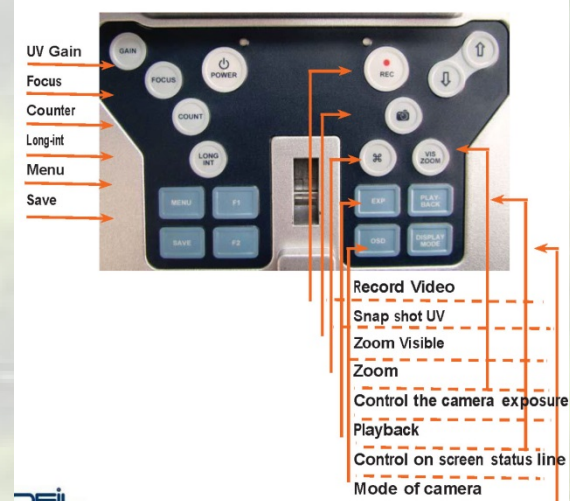
We at Eklund Infrared rent out the DayCor® Superb™ Ultra-Sensitive UVc Corona Detection Camera on a weekly basis! **Excellent for Detection of Electrical High Voltage Corona, Arcing, Partial discharge, and micro arcing.**

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.



Above: A Miniature Invisible UVc Radiation Marker is easily seen at a **distance of 1.5 mile** even at a low gain setting of 80!

Keypad
Select a function. Control the function with the Up/Down arrows



Labels on the left side of the keypad diagram:

- UV Gain
- Focus
- Counter
- Long-int
- Menu
- Save

Labels on the right side of the keypad diagram:

- Record Video
- Snap shot UV
- Zoom Visible
- Zoom
- Control the camera exposure
- Playback
- Control on screen status line
- Mode of camera

DFIL logo is present at the bottom left of the keypad diagram.

Inspection of Overhead lines and substations can be done easily with the DayCor® Cameras. 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! **Preserve Purchasing Cash and rent from us!**

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

Sincerely,
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Above: Brittle non-ceramic bushing causing Corona