



Sonel UV Camera Targets Corona Detection in Electrical Transmission and Distribution



New Model UV-260 combines high-performance, functionality and operational simplicity to facilitate detection of partial discharge conditions; offers longer battery life, larger display, lower cost

The high-performance UV-260 camera is designed to facilitate the detection of ultraviolet (UV) radiation emitted from dielectric breakdown in electrical distribution wiring, transformers and switchgear. Sonel's Ultraviolet Corona Camera offers utility personnel a unique combination of performance capabilities and cost benefits that sets it apart from competitive units.

Operators who need to "see" power being delivered over transmission or distribution lines can set up Sonel's UV camera to take video that detects and records potentially harmful coronas. As a highly sophisticated corona-detection tool, the UV-250 camera boasts high sensitivity to UV over a spectral range of 240 to 280 nm. It also uses a built-in GPS to accurately locate and record corona-emitting sources and can operate in full sunlight without degradation.

Additionally, the camera's large (5.7") color, LCD touch screen with 26X optical and 12X digital zoom with dual image technology can display both visible and UV images simultaneously.

"Our new UV-260 offers users an ideal predictive maintenance and inspection UV camera for troubleshooting overhead transmission lines and conductors in high-voltage substations," said Michael Daish, Sonel Test & Measurement's sales and marketing executive. "Compared to competitive products, the Sonel camera offers exceptional performance, a better display, longer battery life at a lower price."

High-performance recording functions of the UV-260 include audio input and the ability to upload recorded information via SD card or video cable directly to a PC. Sonel's PC software is provided to facilitate creation of reports. In addition to offering long battery lifetime, the user-friendly UV-260 camera and accessories are housed in a rugged carrying case.