

UVollé

Compact Corona Camera

Handy and Ready



UVollé is the lightest daylight corona camera specially designed to be handy and ready for daily use by distribution and substations maintenance teams. It is a bi-spectral UV-Visible imager set

for inspection, detection and capture of nearby corona and arcing phenomena in full daylight. UVollé's dimensions, features and mode of operation make it an ideal basic tool for every predictive maintenance assignment and in every electrical maintenance toolbox. The inspected scene is displayed on a color LCD while the findings are captured and stored on a removable memory card. With UVollé you can anticipate electrical system failures before they occur.



Light and compact handheld



UV events count



High luminous color LCD



Spot, shoot and store



Joystick control



Full solar blind



Standard AA batteries



Color corona



Technical Specifications

Imaging performance

Field of view (Ø)
8°

Spectral range
250 -280 nm

Min visible light sensitivity
1 Lux

Image Presentation

Image modes
Visible/UV/Combined

UV/Visible overlay
Accuracy - better than 1 milliradian

Display
Built in display 3.5" (240x320 pixels)

Status Indicators
Low battery; SD memory status; UV counting;
Date & time: Selected functions

Set-up controls
Corona color; Time & date; Sleep mode delay

Image Storage

Digital storage
Removable SD Memory Card

Image storage capacity
1000+ BMP images

Power Source

Battery type
4 standard AA

Battery operating time
5 hours

AC operation
universal AC/DC 5V

Nominal power consumption
5 Watts

Power saving
Power management, automatic shut down and
sleep mode after settable time

Environmental

Operating & storage temp range
-20°C up to +55°C

Physical characteristics

Weight
1.29 Kg

Size (LxWxH)
28x10x7 cm

Software
DayCor Reporting Software, available

UVollé - Light and Compact

UVollé is light and compact and ergonomically designed for single hand operation. UVollé is carried on a dedicated strap that enables quick draw, spot and shoot.

UVollé Pinpoints Corona Location

UVollé is a precise bi-spectral UV-Visible camera that displays accurately the inspected corona and arcing in their original settings. FOV optimized to enable clear inspection of nearby scenes as in substations and distribution lines. Ofil's proprietary exclusive lenses and optical filters guarantee full solar blind for daylight operation.

UVollé - UV Events Counter

UV events are counted and displayed to designate the corona strength. Corona color can be changed to accommodate for various scenes or match individual preferences.

UVollé Built-in Image Shoot & Store

UVollé captures still images. Images are reviewed before being stored on a removable compact flash SD card.

UVollé Easy to Operate

Joystick controls functions. The selected functions are indicated on the LCD screen. Switching between controls is instantaneous and seamless.

UVollé Endurance

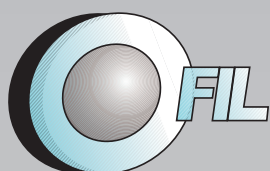
UVollé is designed for use in high electromagnetic fields as in substations and under extreme temperature conditions.

UVollé Smart Power Management

Standard AA batteries and automatic switch to sleep mode ensure more than 5 hours continuous operation.

UVollé Reporting Software

UVollé is compatible with Ofil's reporting database software used for documenting, processing and reporting of the inspection activities and findings.



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