



UV-260

Indeks: WMXXUV260

Corona Camera

Description

UV-260 is an innovative NDT - Non Destructive Testing equipment, that detects, pinpoints and documents flash-arc corona and arcing partial discharge camera!

Being with high sensitivity UV-260 is a power tool to detect UV emission in full daylight with high signals from faraway and nearby sources. UV-260 is an ideal predictive maintenance device for overhead transmission lines and high voltage substations.

UV-260 is newest generation of UV imaging system with an emphasis on high performance functionality and easy operation, it is widely used in transmission line inspection, electrical utilities, HV research institutes, HV electrical component inspection, HV panel inspection, service providers, laboratories and more.

- **High sensitivity to UV signals**
- **Precise location of corona emitting sources**
- **Auto focus of UV and visible channels**
- **Back ground noise reduction**
- **5.7" folding and touchable color LCD**

- **Sound or LED UV events alarm**
- **Fast optical zoom of the visible channel**
- **Videos & images capturing, recording and playback**
- **Built-in GPS**
- **UV events counter**
- **UV-260 report software for documentation**

Technical Specification

Visible - Optical Properties	
Image Type	Color video
UV/Visible Overlay Accuracy	Better than 1 milliradian
Minimum visible light sensitivity	0.1 lux
Zoom factor	26x optical and 12x digital

Display	
Typ	5.7" VGA color LCD, folding and touchable
Video Standard	PAL/NTSC switchable
Modes	Combined (UV & visible), UV only, Visible only
Corona Shades	White, Red, Blue

Processing & Communications

Video standard	H.264
Alarms	LED
Menu	Button operation or touchable operation
Audio	Microphone input for audio notes
GPS	Yes

Data Storage

Storage Media	SD card
Image Format	JPG
Video Storage	AVI compressed format
Storage Capacity	8000 images or >4 hours videos
Data download	card reader

Power system

Power Consumption	10 W
Battery Type	Rechargeable li-ion battery (2 pcs.)
Battery Run Time	2 hours
Charge	Online charging or charger
External supply	9-12 V, 10 VA
Power adapter	110-240 VAC, 50-60 Hz/12 VDC 3.8 A

Others

Operating temperature	-10°C- 50°C
Storage temperature	-25°C- 60°C
Humidity	95% Non condensing
Size	238 mm x 165 mm X 91 mm
Weight	2,5 kg
Power interface	Yes
SD card slot	Yes
Video output	BNC
Audio input / output	Microphone / Headphones

Standard accessories:

- AC power adapter
- 2pcs Li-ion battery
- chargerSD card
- SD card reader
- video cable
- car power adapter
- software CD,
- warranty card,
- strap,
- transport case,
- manual.

UV - Optical Properties

Image Type	Monochrome video
Minimum UV Sensitivity	3×10^{-18} watt / cm ²
Minimum Discharge Detection	1.5pC @ 8 meters
Spectral range	UV 240 - 280 nm
Field of View H x V	5.5°x 4.0°
Focus	Full manual and auto for UV and visible channels
Focus distance	2 m...∞
Detector Life Span	No degradation
Frequency	50Hz/60 Hz